Frog Mortar Creek Phase II Surface Water and Shallow Sediment Investigation Report Lockheed Martin Corporation, Martin State Airport Middle River, Maryland

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Section 1
Introduction

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech, Inc. has prepared this report following completion of the Phase II Surface Water and Shallow Sediment Investigation of the potential for offsite migration of contaminants from a portion of the Martin State Airport (MSA) property to the adjacent surface water body, Frog Mortar Creek. This report presents the results from Phase II, a surface water and sediment sampling investigation that was conducted ~~in Frog Mortar Creek~~ in October 2007. This investigation is the second part of a three-phase investigation that includes the following phases: Phase I - the identification of groundwater seepage locations into surface water by the use of a Trident probe (Tetra Tech, 2007a); Phase II - surface water and shallow sediment sampling; and Phase III - the sampling of deeper sediments.

The three-phase investigation is being conducted in Frog Mortar Creek, located west of the MSA property located in Middle River, Maryland in the portion of the creek which is adjacent to the approximately 50 acre area which has been subject to extensive characterization due to historical dumping activities (Figure 1-1). The objective of the completed Phase I investigation was to identify potential groundwater discharge zones by identifying temperature and conductivity differences between the surface water and groundwater utilizing the Trident probe and to collect porewater samples from these selected areas. The objective of the Phase II surface water and sediment program is to characterize areas of groundwater seepage into the surface water body and to obtain analytical data to quantify the presence or absence of contaminants in Frog Mortar Creek which may be related to groundwater transport or erosion of soil from the MSA site.

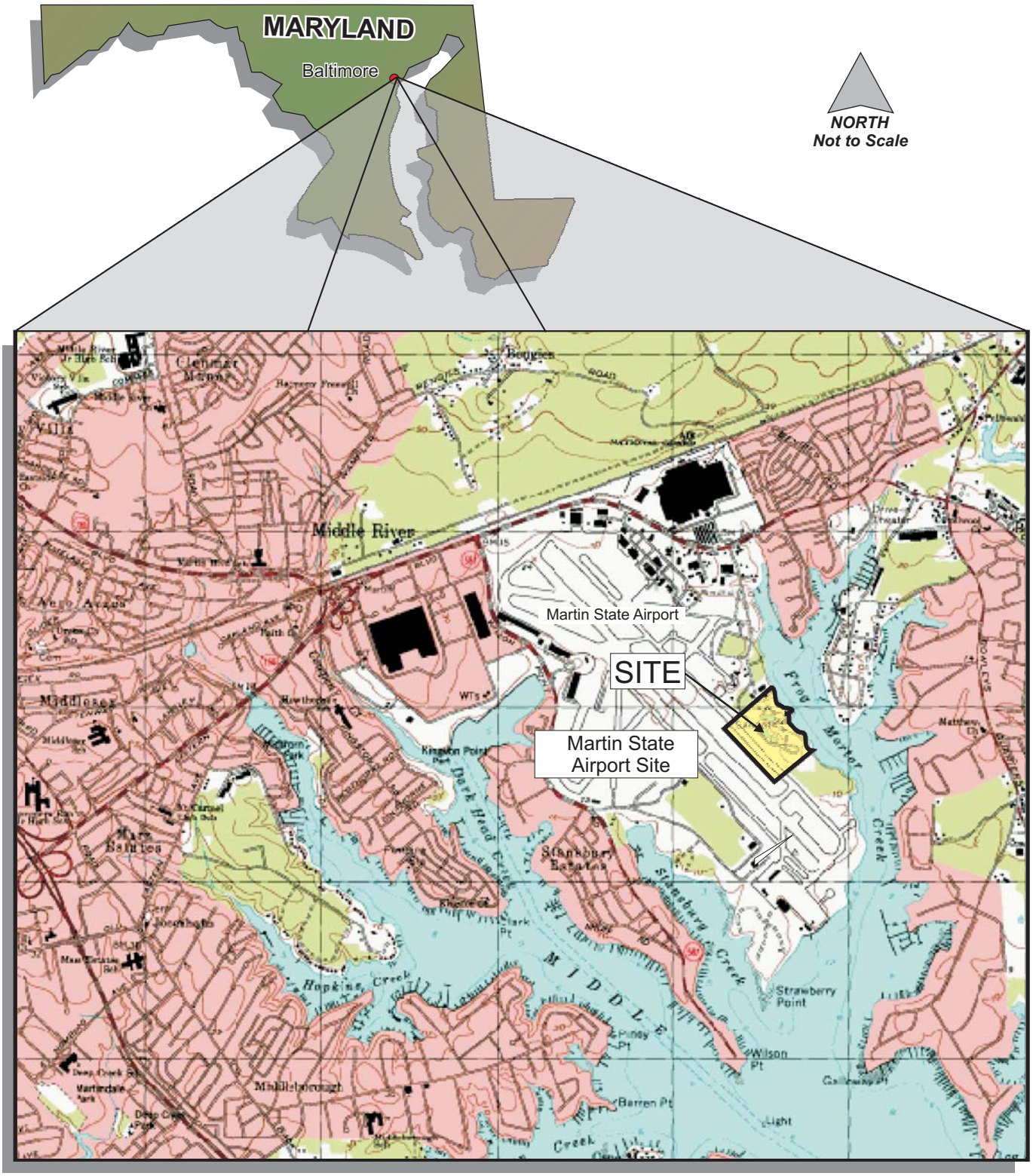
This report is organized as follows:

- Section 1 – Introduction: Presents the content and objective of the report
- Section 2 – Investigation Approach and Methodology: Presents the technical approach to the investigation and a description of the field methodologies used for completion of Phase II;

- Section 3 – Sample Results: Presents and discusses the findings of the Phase II Investigation; and

- Section 4 – References: Lists the References used in the preparation of this report.

FIGURE 1-1
SITE LOCATION MAP



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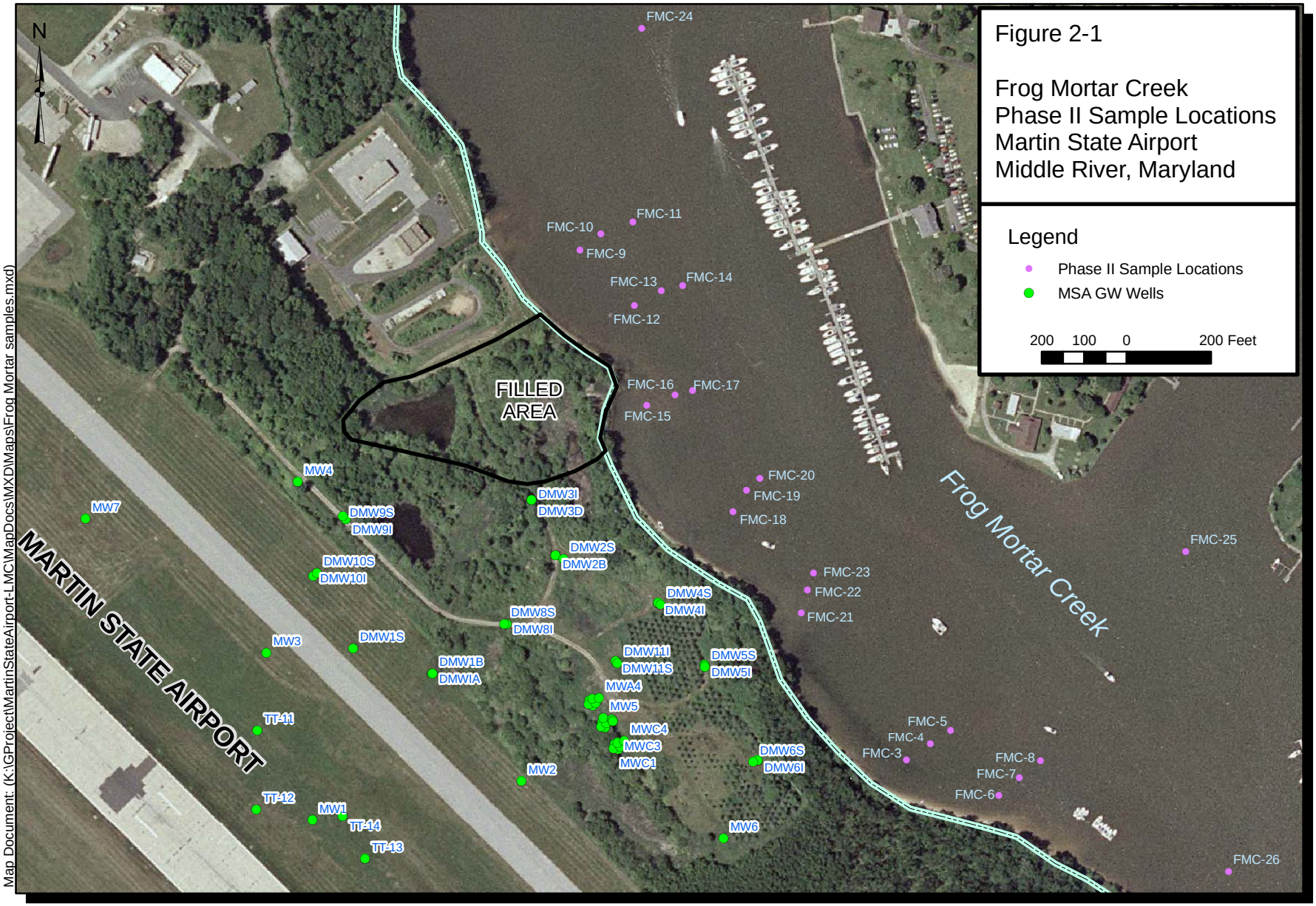
Section 2
Investigation Approach and Methodology

Surface water and shallow sediment sampling were conducted at Frog Mortar Creek based on the results of the Phase I Investigation (Tetra Tech, 2007b) and an evaluation of historic tidal conditions and erosion characteristics of the MSA site. Multiple lines of evidence were used to identify appropriate sample locations for Phase II that would assist in characterizing potential transport of contaminants into Frog Mortar Creek from discharge of groundwater and/or erosion of surface soils. Sample locations were selected to capture both coarser grained sediments close to shore as well as finer grained sediments from the central portion of the creek bed. Figure 2-1 illustrates the Phase II sample locations.

The results of the Phase I Trident Study identified the presence of groundwater discharge at the south-end of the groundwater plume. To evaluate potential contributions from this groundwater plume, six shallow sediment samples (FMC-3 through FMC-8) were collected in this area to determine if VOCs were detectable in the creek sediments. Collocated surface water samples were collected at alternating locations to determine surface water concentrations above the sediment interface.

Significant filling has occurred over a portion of the MSA site, predominantly at the north end of the known VOC plume area. This area was once open water connected to Frog Mortar Creek but was filled sometime in the late 1950's or 1960's. The nature of the fill has not been determined in detail but this area is affected by elevated concentrations of chlorinated solvents in groundwater. Phase II sampling included three transects (FMC-9 through FMC-17) of sample locations in this area to evaluate whether direct filling or surface runoff has impacted this portion of the creek. Shallow sediments were collected at each location and collocated surface water samples were



Map Document: (K:\GProject\MartinStateAirport-LMC\MapDocs\MXD\Maps\Frog Mortar samples.mxd)

collected at every other location. The central portion of the VOC-impacted area does not appear to have been filled significantly in the past although some materials such as large concrete blocks are present in the steeper parts of the slope leading to Frog Mortar Creek. Two transects were sampled in this area (FMC-18 through FMC-23) with sediment samples collected at each location and surface water samples collected at alternating locations.

Three additional surface water and sediment sample locations were collected upstream, downstream and across Frog Mortar Creek from MSA to provide background data. This data (FMC-24 through FMC-26) will be used as a basis of comparison to compound concentrations which may be reported in samples closer to the area of concern.

2.1 PHASE II SAMPLING METHODOLOGY

Sampling began on October 30, 2007 and was completed on November 1, 2007. Sampling was performed during periods of both rising and falling tides (Table 2-1). All sampling locations were accessed by the use of a small boat. At each transect, the boat was anchored from the bow and stern allowing movement from one sampling location to another on each transect through the tightening and releasing of the appropriate line. The boat was allowed to stabilize prior to the performance of sampling and the collection of field data. Once stable, a handheld Global Positioning System (GPS) was used to determine the position of each sample location and the information recorded into the project field log (Table 2-2).

Following collection of the GPS data, water quality measurements were taken at each transect using a Horiba U-10 Water Quality Checker. Water quality measurements recorded included pH, conductivity, and dissolved oxygen (Table 2-2). Surface water samples were collected from approximately every second sampling location. Water was collected through inert Tygon® tubing using a peristaltic pump from the sediment-surface water interface approximately one-foot above the top of the sediment. The Tygon® Tubing was replaced prior to collection of each sample. A 0.45 micron inline filter was used to collect filtered surface water samples from each surface water sample location. All surface water samples were collected using dedicated and disposable sampling equipment.

Sediment samples were collected as grab samples using a decontaminated stainless steel ponar dredge. The ponar dredge was utilized to collect shallow sediment samples from the top 6 inches of sediment. Upon sample retrieval, the initial sample volume was placed within the VOC sample container until no headspace remained. The remaining sample volume was then homogenized and placed within the other pre-cleaned sample containers supplied by the analytical laboratory. During sampling, the collected sediment samples were lithologically and visually characterized for color, sorting, grain size, and other pertinent characteristics (Table 2-2).

The stainless steel ponar dredge was decontaminated between sample locations according to the following procedure:

- Loose sediment was brushed off with a bristle brush.
- Equipment was then washed in a non-phosphate detergent solution using plastic scrub brushes.
- The equipment was then rinsed with distilled water and allowed to air dry.

2.2 LABORATORY ANALYSES

All sediment and surface water samples collected during Phase II were analyzed for VOCs using EPA Method 8260B, SVOCs using EPA Method 8270C, total priority pollutant metals using EPA Method 6020, and PCBs using EPA Method 8082. For surface water, dissolved priority pollutant metals were analyzed using EPA Method 6020B, and total and dissolved mercury were analyzed using EPA Method 7470A. In sediment, mercury was analyzed using EPA Method 7471A.

Half of the sediment samples collected during Phase II were analyzed for perchlorate using EPA Method 314, organotin using EPA Method OR560 and hexavalent chromium using EPA Method 7196A. Sediment samples were also analyzed for percent moisture. Trip Blanks and temperature blanks were submitted for QA/QC purposes. Analysis was conducted on a standard fifteen day turnaround time.

TABLE 2-1

TIDAL RANGE DURING SAMPLING
FROG MORTAR CREEK PHASE II, SURFACE WATER AND SHALLOW SEDIMENT INVESTIGATION
MARTIN STATE AIRPORT
LOCKHEED MARTIN, MIDDLE RIVER, MARYLAND

For Tuesday, October 30, 2007		NEXT DAY
NOTE: NOT FOR NAVIGATION		
TIME	**TIDE HEIGHT**	**TIDE**
6:27 AM EDT	0.46 feet	Low Tide
11:04 AM EDT	1.14 feet	High Tide
4:50 PM EDT	0.08 feet	Low Tide

For Wednesday, October 31, 2007		NEXT DAY
NOTE: NOT FOR NAVIGATION		
TIME	**TIDE HEIGHT**	**TIDE**
12:03 AM EDT	2.04 feet	High Tide
7:26 AM EDT	0.49 feet	Low Tide
12:05 PM EDT	1.13 feet	High Tide
5:55 PM EDT	0.17 feet	Low Tide

For Thursday, November 1, 2007		NEXT DAY
NOTE: NOT FOR NAVIGATION		
TIME	**TIDE HEIGHT**	**TIDE**
1:05 AM EDT	1.89 feet	High Tide
8:24 AM EDT	0.50 feet	Low Tide
1:09 PM EDT	1.15 feet	High Tide
7:09 PM EDT	0.26 feet	Low Tide

TABLE 2-2

WATER QUALITY MEASURMENTS
FROG MORTAR CREEK PHASE II, SURFACE WATER AND SHALLOW SEDIMENT INVESTIGATION
MARTIN STATE AIRPORT
LOCKHEED MARTIN, MIDDLE RIVER, MARYLAND

Sample Location	Date	Latitude (Deg N)	Longitude (Deg W)	pH	Cond. (mS/cm)	DO (mg/L)	Sediment Type
FMC-3		39°1926.450	76°2415.524	7.14	15	10.27	Brown sand F/M grain wet
FMC-4		39°1926.616	76°2415.490				Brown sand F/M grain shells wet
FMC-5		39°1926.971	76°2415.528	7.22	14.9	9.89	Brown sand F/M grain shells wet
FMC-6		39°1926.396	76°2415.108				Brown sand F/M grain shells wet
FMC-7		39°1926.890	76°2415.069	7.19	14.9	9.93	Brown sand F/M grain shells wet
FMC-8		39°1926.908	76°2414.597				Brown sand F/M grain shells wet
FMC-9		39°1938.918	76°2428.225	6.65	15.1	12.73	Olive-brown to black silt trace root matter/organics wet
FMC-10		39°1939.299	76°2427.592	6.41	15	12.79	Olive-brown to black silt trace root matter/organics wet
FMC-11		39°1939.578	76°2426.625	6.23	15.3	12.86	Olive-brown to black silt trace root matter/organics wet
FMC-12		39°1937.611	76°2426.608	6.73	15.2	11.63	Olive-brown to black silt trace root matter/organics wet
FMC-13		39°1937.961	76°2425.790	6.77	15.2	11.86	Olive-brown to black silt trace root matter/organics wet
FMC-14		39°1938.076	76°2425.153				Olive-brown to black silt trace root matter/organics wet
FMC-15		39°1935.412	76°2425.590				Olive-brown to black sand F/M grain poorly sorted trace root matter wet
FMC-16		39°1935.520	76°2425.408	5.72	14.6	10.10	Olive-brown to black sand F/M grain poorly sorted trace root matter wet
FMC-17		39°1935.627	76°2424.876				Transitional environment sand but increased silt content
FMC-18		39°1932.796	76°2423.680	6.17	14.8	10.01	Olive-brown to black silt trace root matter/organics wet
FMC-19		39°1933.287	76°2423.279				Olive-brown to black silt trace root matter/organics wet
FMC-20		39°1933.563	76°2422.872	6.48	14.7	11.31	Olive-brown to black silt trace root matter/organics wet
FMC-21		39°1930.413	76°2421.654				Olive-brown to black sand F/M grain poorly sorted trace root matter wet
FMC-22		39°1930.947	76°2421.468	6.84	14.7	11.40	Olive-brown sand F/M grain poorly sorted trace root matter wet
FMC-23		39°1931.335	76°2421.270				Brown sand F/M grain wet
FMC-24		39°1944.108	76°2426.323	6	15	13.56	Olive-brown to black silt trace root matter/organics wet
FMC-25		39°1931.783	76°2410.103	7.18	15.3	9.80	Brown sand F/M grain shells wet
FMC-26		39°1924.306	76°2408.876	6.99	15.4	9.51	Brown sand F/M grain shells wet

Section 3
Investigation Results

3.1 DATA INTERPRETATION

The initial evaluations of the analytical data from surface water and sediment samples focused on potential spatial relationships between the location of the contaminated groundwater plume at MSA and sample locations in Frog Mortar Creek. The results were also examined for similarities or differences between samples collected at site locations (i.e. adjacent to MSA) and those collected from background locations (i.e. collected upstream, downstream and across Frog Mortar Creek from MSA). Surface water and co-located sediment sample results were compared for similarities in chemicals detected to assist in developing an understanding of potential source, transport, and migration of contaminants.

3.2 SURFACE WATER

Volatile organic compounds (VOCs) were detected frequently in surface water samples (Table 3-1). Concentrations of acetone and chloromethane detected near-site were comparable to the concentrations in background samples. Concentrations of cis-1,2-dichloroethene, trichloroethene, and vinyl chloride were higher in the near-site surface water samples than they were in the background samples. The highest concentrations of VOCs were detected in sample FMC-16 which is located adjacent to the fill area. Semivolatile organic compounds (SVOCs) were detected infrequently in surface water samples with the exception of phenanthrene. Detected concentrations of phenanthrene were higher in the near-site samples than they were in the background samples. PCBs were not detected in the near-site surface samples but Aroclor-1254 was detected in one background surface water sample. Concentrations of metals were comparable in the near-site and background surface water samples with the exception of lead. Lead was detected in the near-site unfiltered samples but was not detected in the near-site filtered sample or

any of the background samples. In general concentrations of metals in the unfiltered samples were comparable to those in the filtered samples.

The following chemical-specific observations were made for the surface water results:

VOCs

- The highest concentrations of VOCs were detected in sample FMC-16 which is located adjacent to the fill area. The maximum detected concentrations of cis-1,2-dichlorothene, trichloroethene, and vinyl chloride were all found at this location.

- Cis-1,2-dichlorothene was detected in all near-site surface water samples with the exception of FMC-20. The highest concentrations of cis-1,2-dichlorothene were detected at sample locations FMC-12, FMC-13, and FMC-16. Cis-1,2-dichlorothene was not detected in any background samples.

- Trichloroethene was detected in all near-site surface water samples and one background sample (FMC-24). The highest concentrations of trichloroethene were detected at sample locations FMC-12, FMC-13, and FMC-16.

- Vinyl chloride was detected in five surface water samples adjacent to the fill area. The highest concentrations of vinyl chloride were detected at sample locations FMC-12, FMC-13, and FMC-16. Vinyl chloride was not detected in any background samples.

- Acetone and chloromethane were detected in eight surface water samples.

- Acetone was detected in all three background samples.

- Chloromethane (FMC-26) and trichloroethene (FMC-24) were each detected once in a~~n~~ background surface water sample.

- Overall concentrations of acetone and chloromethane were similar in the near-site and background samples. Concentrations of trichloroethene in near-site samples were higher than those detected in the background samples.

SVOCs

- Bis(2-ethylhexyl)phthalate, butyl benzyl phthalate, dibenzofuran, and 13 PAHs were detected in the near-site surface water samples. Bis(2-ethylhexyl)phthalate, butyl benzyl phthalate, diethyl phthalate, and phenanthrene were detected in the background surface water samples.

- Concentrations of bis(2-ethylhexyl)phthalate and butyl benzyl phthalate in near-site surface water samples were less than those detected in the background samples.

- Eight PAHs were detected in only one surface water sample (FMC-22).

- Phenanthrene was the most frequently detected SVOC in surface water samples.

- Concentrations of phenanthrene in near-site samples were higher than those detected in background samples.

PCBs

- PCBs were not detected in the near-site surface water samples.
- Aroclor-1254 was detected in one background surface water sample (FMC-26).

Metals

- Seven metals were detected in the near-site unfiltered surface water samples and six metals were detected in the near-site filtered surface water samples.

- Six metals were detected in the background unfiltered and filtered surface water samples.

- Lead was detected in 10 near-site unfiltered surface water samples but was not detected in the filtered near-site samples or unfiltered and filtered background samples.

- Arsenic, chromium, copper, nickel, selenium, and zinc were detected in all the unfiltered and filtered near-site and background surface water samples.

- Overall concentrations of metals in the unfiltered samples were comparable to those in the filtered samples.

- Concentrations of metals in near-site samples were comparable to those detected in the background samples.

3.3 SEDIMENT

Sediment concentrations were similar between background locations and site locations (Table-3-2). Most metals were detected at higher concentrations in the background samples than in the samples collected at the MSA site. Hexavalent chromium was not detected in either background or site samples. Aroclor-1254 and -1260 were rather ubiquitous with the samples collected at the site being within the range of background concentrations. Aroclor-1221, -1232, and -1248 were detected in one sample each at the site and not in background samples. SVOCs detected at the site were found in concentrations similar to the background ranges. SVOCs concentrations that exceeded the corresponding background concentrations were less than one order of magnitude higher. The highest site-related SVOC concentrations were found adjacent to

the former filled area in a rectangular area described by samples FMC-9, FMC-11, FMC-15, and FMC-17.

Volatile organic compounds (VOCs) were detected at low concentrations. Cis-1,2-dichloroethene was detected in two site samples but not in the background samples. The samples containing cis-1,2-dichloroethene were collected at locations FMC-15 and FMC-16 which are within the approximate lateral boundary of VOC-contaminated groundwater.

The following chemical-specific observations were made for the sediment results:

VOCs

- Cis-1,2-dichlorothene was detected in two samples (FMC-15 and FMC-16) adjacent to the filled area. No other VOCs were detected in the samples containing cis-1,2-dichlorothene. FMC-15 and FMC-16 are located within the approximate lateral boundary of the VOC impacted groundwater plume.

- Acetone (FMC-10) and methylene chloride (FMC-9 and FMC-12) were detected in samples adjacent to the filled area. Acetone and methylene chloride were also detected in samples FMC-7 and FMC-8 and two of the three background samples (FMC-25 and FMC-26).

- The highest concentrations of methylene chloride and cis-1,2-dichlorothene were detected in the samples collected adjacent to the filled area.

SVOCs

- Twenty-eight SVOCs were detected in the site samples and 25 SVOCs were detected in the background samples.

- Overall the concentrations of SVOCs in near-site samples were higher than those in the background samples although by less than an order of magnitude.

- SVOC concentrations were highest in the samples collected near the filled area.

PCBs

- Arcolor-1254 and -1260 were detected in 17 of 21 samples and in all three background samples at comparable concentrations.

- Aroclor-1221 (FMC-12), -1232 (FMC-13), and -1248 (FMC-13) were detected once each in near-site samples. These PCBs were not detected at background locations.

Metals

- Eleven metals were detected in the near-site and background samples.
- Overall the concentrations of metals in background samples were higher than the concentrations in near-site samples.

Hexavalent Chromium

- Hexavalent chromium was not detected in samples collected adjacent to the filled area or in the background samples.

3.4 COMPARISON OF SURFACE WATER AND SEDIMENT RESULTS

A comparison of surface and sediment results was performed to identify any apparent trends between contaminants found in both media. The following observations were made:

VOCs

- VOCs were detected more frequently in surface water than they were in sediment.
- Five VOCs were detected in surface water and three VOCs were detected in sediment.
- Acetone and cis-1,2-dichloroethene were the only VOCs detected in both surface water and sediment.
- There does not appear to be a correlation between the VOCs detected in surface water and those detected in co-located sediment samples.

SVOCs

- SVOCs were detected more frequently in sediment than they were in surface water.
- Twenty-eight SVOCs were detected in sediment while only 16 SVOCs were detected in surface water.
- All the SVOCs detected in surface water were also detected in sediment.
- There does not appear to be a correlation between the SVOCs detected in surface water and those detected in sediment. Concentrations of SVOCs in sediment were highest in samples collected near the filled area while the concentrations of SVOCs in surface water were highest in the sample from location FMC-22 which is downstream (south) of this area.

PCBs

- PCBs were detected in sediment samples but were not detected in surface water samples.

Metals

- Metals were detected frequently in both surface water and sediment samples.
- Eleven metals were detected in sediment samples and seven metals were detected in surface water samples.
- There does not appear to be a correlation between metals detected in surface water samples and those detected in sediment samples.

3.5 CONCLUSIONS

Tetra Tech has completed an investigation of surface water and shallow sediment in Frog Mortar Creek at locations adjacent to and north and south of the MSA site. The results of the investigation indicate that while there may not be a correspondence in results between co-located surface water and sediment samples, groundwater discharge appears to be impacting surface water and sediment in the area of samples FMC-9 through FMC-17. These locations are within the lateral boundaries of the contaminated groundwater plume and the known fill area. Lines of evidence that support this conclusion include:

- The highest concentrations of chlorinated VOCs were found in this area.
- Degradation products of chlorinated VOCs including cis-1,2-dichlorothene and vinyl chloride were only found in near-site samples.
- Chlorinated VOCs were detected in near-site samples more frequently and at higher concentrations than in background samples.

It is recommended that the Phase III investigation focus on the areas where the highest concentrations of chlorinated VOCs were detected (i.e. in the area of samples FMC-9 through FMC-17) to further evaluate potential contaminant contributions of groundwater discharging into Frog Mortar Creek.

TABLE 3-1

DESCRIPTIVE DATA FOR SURFACE WATER
FROG MORTAR CREEK PHASE II, SURFACE WATER AND SHALLOW SEDIMENT INVESTIGATION
MARTIN STATE AIRPORT
LOCKHEED MARTIN, MIDDLE RIVER, MARYLAND

Parameter	Frequency of Detection	Minimum Detected Concentration	Maximum Detected Concentration	Sample of Maximum Detected	Mean of All Samples	Mean of Positive Detects	Range of Background
Volatile Organic Compounds (ug/L)							
Acetone	8/12	2.5 J	5.4	FMC 3	3.08	3.38	2.7 J - 3.8 J
Chloromethane	8/12	0.14 J	0.26 J	FMC 3	0.280	**0.170**	0.14 J
cis-1,2-Dichloroethene	11/12	0.18 J	1.1	FMC 16	0.368	**0.356**	ND
Trichloroethene	12/12	0.32 J	3.1	FMC 16	0.889	**0.889**	0.27 J
Vinyl Chloride	5/12	0.13 J	0.73 J	FMC 16	0.430	**0.332**	ND
Semivolatile Organic Compounds (ug/L)							
Benzo(a)anthracene	1/12	0.095 J	0.095 J	FMC 22DL	0.103	**0.095**	ND
Benzo(a)pyrene	1/12	0.15 J	0.15 J	FMC 22DL	0.108	**0.150**	ND
Benzo(b)fluoranthene	1/12	0.11 J	0.11 J	FMC 22DL	0.104	**0.110**	ND
Benzo(g,h,i)perylene	1/12	0.26	0.26	FMC 22DL	0.117	**0.260**	ND
Benzo(k)fluoranthene	1/12	0.2	0.2	FMC 22DL	0.112	**0.200**	ND
Bis(2-ethylhexyl)phthalate	4/12	0.13 J	0.23 J	FMC 3DL	0.396	0.165	0.5 J
Butyl Benzyl Phthalate	2/12	0.17 J	0.2 J	FMC 9DL	0.458	0.185	0.15 J - 0.37 J
Carbazole	3/12	0.097 J	0.19 J	FMC 13DL	0.109	**0.132**	ND
Chrysene	1/12	0.16 J	0.16 J	FMC 22DL	0.108	**0.160**	ND
Dibenzo(a,h)anthracene	1/12	0.27	0.27	FMC 22DL	0.118	**0.270**	ND
Dibenzofuran	2/12	0.074 J	0.16 J	FMC 12DL	0.447	**0.117**	ND
Fluoranthene	2/12	0.077 J	0.08 J	FMC 13DL	0.098	**0.079**	ND
Fluorene	1/12	0.078 J	0.078 J	FMC 12DL	0.101	**0.078**	ND
Indeno(1,2,3-cd)pyrene	1/12	0.22	0.22	FMC 22DL	0.113	**0.220**	ND
Phenanthrene	8/12	0.069 J	0.48	FMC 12DL	0.188	**0.231**	0.078 J
Pyrene	1/12	0.064 J	0.064 J	FMC 13DL	0.099	**0.064**	ND
Metals (Unfiltered) (ug/L)							
Arsenic	12/12	2.1	3.7	FMC 5	3.22	3.22	2.2 - 3.5
Chromium	12/12	2.8 J	3.9 J	FMC 18	3.35	3.35	3.2 J - 3.6 J
Copper	12/12	4.9	7	FMC 18	6.01	**6.01**	4.5 - 5.8
Lead	10/12	1	1.7	FMC 12, FMC 9	1.17	**1.31**	ND
Nickel	12/12	2.3	2.7	FMC 12	2.45	**2.45**	2.2 - 2.3
Selenium	12/12	7.5	11.1	FMC 12	9.57	9.57	9.5 - 10.7
Zinc	12/12	9.1 J	15.8 J	FMC 11	12.1	**12.1**	5.3 J - 10.5 J
Metals (Filtered) (ug/L)							
Arsenic	12/12	1.8	4.4	FMC 16	3.21	3.21	3 - 3.8
Chromium	12/12	2.6 J	3.4 J	FMC 10, FMC 20	3.08	3.08	2.2 J - 3 J
Copper	12/12	2.9	4.1	FMC 5	3.38	3.38	3 - 4.6
Nickel	12/12	1.9	2.4	FMC 10	2.13	2.13	1.8 - 2.1
Selenium	12/12	9.1	14.3	FMC 16	11.6	11.6	9.2 - 11.5
Zinc	12/12	5.5	8.2	FMC 7	7.16	7.16	10.4

FMC - Frog Mortar Creek
ND - Not detected.
Shaded and bolded cells indicate mean of positive detections greater than background

TABLE 3-2

DESCRIPTIVE DATA FOR SEDIMENT
FROG MORTAR CREEK PHASE II, SURFACE WATER AND SHALLOW SEDIMENT INVESTIGATION
MARTIN STATE AIRPORT
LOCKHEED MARTIN, MIDDLE RIVER, MARYLAND
PAGE 1 OF 2

Parameter	Frequency of Detection	Minimum Detected Concentration	Maximum Detected Concentration	Sample of Maximum Detected	Mean of All Samples	Mean of Positive Detects	Range of Background
Volatile Organic Compounds (ug/kg)							
Acetone	3/21	24 J	25 J	FMC-7	24.5	24.3	29 - 40
cis-1,2-Dichloroethene	2/21	4.3 J	5.8 J	FMC-15	6.82	**5.05**	ND
Methylene Chloride	4/21	4.6 J	31	FMC-12	7.54	**13.4**	9.1 - 13
Semivolatile Organic Compounds (ug/kg)							
2-Methylnaphthalene	18/21	1.8 J	85 J	FMC-9DL	42.1	48.6	75 - 86
4-Methylphenol	10/21	9.9 J	59 J	FMC-5DL	85.6	41.0	44 - 59
Acenaphthene	5/21	1.7 J	33 J	FMC-9DL	31.8	21.5	22 - 30
Acenaphthylene	21/21	2.3 J	200	FMC-9DL	83.2	83.2	110 - 160
Acetophenone	2/21	1.9 J	2.3 J	FMC-15DL	174	**2.10**	ND
Anthracene	20/21	2.4 J	210	FMC-9DL	93.6	95.5	110 - 170
Benzaldehyde	20/21	25 J	530 J	FMC-5DL	262	274	37 - 330
Benzo(a)anthracene	21/21	3.6 J	400	FMC-14DL, FMC-9DL	189	189	230 - 330
Benzo(a)pyrene	21/21	4.9 J	510	FMC-9DL	239	239	260 - 400
Benzo(b)fluoranthene	21/21	6.4 J	820	FMC-13DL	363	363	370 - 590
Benzo(g,h,i)Perylene	21/21	5.6 J	520	FMC-14DL, FMC-9DL	260	260	300 - 490
Benzo(k)fluoranthene	5/21	4.1 J	170	FMC-11DL	55.3	119	130 - 240
Bis(2-Ethylhexyl) Phthalate	21/21	16 J	320 J	FMC-9DL	159	159	110 - 220
Butyl Benzyl Phthalate	18/21	15 J	210 J	FMC-5DL, FMC-9DL	122	113	130 - 130
Caprolactam	13/21	23 J	270 J	FMC-9DL	162	123	210 - 210
Carbazole	7/21	15 J	35 J	FMC-14DL, FMC-9DL	26.4	28.6	29 - 29
Chrysene	21/21	4.9 J	460	FMC-9DL	212	212	270 - 430
Dibenz(a,h)anthracene	16/21	3.8 J	120 J	FMC-9DL	50.4	61.5	60 - 89
Dibenzofuran	6/21	26 J	35 J	FMC-14DL, FMC-9DL	114	30.5	30 - 41
Diethyl Phthalate	4/21	4.4 J	6.4 J	FMC-15DL	173	5.03	43 - 43
di-n-Butyl Phthalate	4/21	5.7 J	6.5 J	FMC-16DL	173	**6.10**	ND
di-n-Octyl Phthalate	1/21	59 J	59 J	FMC-23DL	176	**59.0**	ND
Fluoranthene	21/21	7.2	740	FMC-9DL	347	347	450 - 600
Fluorene	19/21	2 J	86 J	FMC-9DL	38.1	41.8	60 - 74
Indeno(1,2,3-cd)pyrene	21/21	4.4 J	430	FMC-9DL	213	213	280 - 470
Naphthalene	20/21	1.5 J	93 J	FMC-9DL	47.3	49.5	84 - 95
Phenanthrene	21/21	4.3 J	260	FMC-14DL	131	131	210 - 260
Pyrene	21/21	7.8	820	FMC-14DL	389	389	590 - 840

TABLE 3-2

DESCRIPTIVE DATA FOR SEDIMENT
FROG MORTAR CREEK PHASE II, SURFACE WATER AND SHALLOW SEDIMENT INVESTIGATION
MARTIN STATE AIRPORT
LOCKHEED MARTIN, MIDDLE RIVER, MARYLAND

Parameter	Frequency of Detection	Minimum Detected Concentration	Maximum Detected Concentration	Sample of Maximum Detected	Mean of All Samples	Mean of Positive Detects	Range of Background
PCB (ug/kg)							
Aroclor-1221	1/21	25	25	FMC-21DL	12.7	**25.0**	ND
Aroclor-1232	1/21	62	62	FMC-13DL	14.2	**62.0**	ND
Aroclor-1248	1/21	100	100	FMC-13DL	16.0	**100**	ND
Aroclor-1254	17/21	2.6 J	160	FMC-11DL	66.4	80.1	90 - 180
Aroclor-1260	17/21	2.7 J	89	FMC-11DL, FMC-14DL	37.8	44.8	43 - 93
Metals (mg/kg)							
Arsenic	21/21	0.4	15.8 J	FMC-8	7.0	7.0	9.4 - 12.8
Beryllium	18/21	0.15	2.4	FMC-8	1.2	1.4	1.8 - 2.2
Cadmium	18/21	0.2	7.8	FMC-19	2.6	3.0	3.1 - 4.6
Chromium	21/21	4.1 J	148 J	FMC-19	69.5	69.5	96 - 118
Copper	21/21	6.6	242	FMC-7	130.5	130.5	193 - 271
Lead	21/21	3	123	FMC-8	63.4	63.4	92.7 - 114
Mercury	16/21	0.046	0.45	FMC-11DL	0.2	0.3	0.38 - 0.65
Nickel	21/21	1.3	52.3 J	FMC-8	23.9	23.9	38 - 44
Selenium	14/21	0.99 J	3.4 J	FMC-8	1.7	2.5	2.7 - 3.2
Silver	13/21	0.37	0.85	FMC-8	0.4	0.7	0.62 - 0.72
Zinc	21/21	9.3 J	344 J	FMC-8	188.1	188.1	286 - 359

FMC - Frog Mortar Creek
ND - Not detected.
Shaded and bolded cells indicate mean of positive detections greater than background

Section 4
References

1. Tetra Tech, 2007a. Frog Mortar Creek Study Work Plan, Martin State Airport. February.

2. Tetra Tech, 2007b. Phase I Frog Mortar Creek Study Report, Martin State Airport. June.

APPENDIX A – FIELD DOCUMENTATION AND CHAIN OF CUSTODY

CHIEF DOUG NIELSEN 410 918

CHIEF DON PROCTOR 63F5 (A-10)
410918
6376 (C-130)

FMC-24
39°19'44.108 N
76°24'26.323 W

pH	T	Cond	Turb	DO
6.0	17.4	15.0	-10	13.5

FMC-11
39°19'39.578 N
76°24'26.625 W

pH	T	Cond	Turb	DO
6.23	17.1	15.3	-10	13.1
				12.9

FMC-10
39°19'39.299 N
76°24'27.592 W

pH	T	Cond	Turb	DO
6.41	16.5	15.0	-10	12

FMC-9

pH	T	Cond	Turb	DO
6.65	16.6	15.1	-10	12.

39°19'38.918 N
76°24'28.225 W

Fmc-06 39° 19 26.396N
76° 24 15.108W
Brown Sand F/m Shell
Wet.

Fmc-07 39° 19 26.850N
29° 24 18.069W

pH	Cond	Tmp S	DO
2.18	18.9	-10	9.53

Brown Sand F/m shells
wet

Fmc-08 39° 19 26.908a
76° 24 14.592
Brown Sand F/m grain Shell
Wet

Fmc-26 39° 15 29.
76° 24 0

pH	Cond	Tmp S	
6.89	15.4	-10	9

Brown Sand F/m grain Sh
wet

Fmc-25 39° 19 3
76° 24 1

pH	cond	Tmp S	
7.19	15.3	-10	9

Brown Sand F/m grain
wet

FMC-20
39° 19 33.563 N
76° 24 22.872 W

pH	T	Cond	Turb	DO
6.48	16.0	14.7	-10	11.31

FMC-22 39° 19 30.942 N
76° 24 21.468 W

pH	Cond	Turb	DO
6.84	14.7	-10	11.40

FMC-23 39° 19 31.335 N
76° 24 21.270 W

Brown Sand F/m Wet

39° 19

FMC-03 76° 24

pH	cond	Turb	D
7.14	15.0	-10	10

Brown Sand F/m W

FMC-04 39° 19 26.
76° 24 15.

Brown Sand F/m shel
Wet

FMC-05 39. 19
76 24

pH	cond	Tu	
7.22	14.5	-10	9.

Brown Sand F/m shells
Wet

FMC-16

39°19 35.520 N
76° 24 25.408 W

pH	Temp	Cond	Turb	DO
5.72	14.1	14.6	405	10.10

FMC-17

39°19 35.627 N
76° 24 24.876 W

FMC-18

39°19 32.796 N
76° 24 23.680 W

pH	T	Cond	Turb	DO
6.17	15.2	14.8	197	10.01

FMC-19

39°19 33.287 N
76° 24 23.279 W

GEOLOGY

FMC 9-14, 24, 18, 1
Olive brown to black Si
trace root matter/organ

FMC 15, 16
Olive brown SAND, Fi
grained, poorly sorted,
root matter, wet

FMC-17
Transitional co
Same but inc

SILT CONTENT

FMC-21 39°16 30.9
76° 24 21.6

Fmc-21
Olive Brown Sand f/m S
poorly sorted trace root ma
wet.

FMC-12 39°19'37.611"N
67°24'26.688"W

pH	T	Cond	Turb
6.73	16.2	15.2	-10

FMC-13 39°19'37.961"
76°24'25.79"

pH	T	Cond	Turb
6.77	15.9	15.2	-10

FMC-14
39°19'38.076"N
76°24'25.153"W

FMC-15
39°19'35.412"N
76°24'25.590"W

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
TetraTech NUS	Mike Martin	10/30/07	322454
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 6**
20251 Century Blvd ste 200	301 528 3022		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Germantown / MD / 20874	Tony Appannaveje	Barb Hall	
Project Name and Location (State)	**Carrier/Waybill Number**		
Martin State Airport, MD (Frog Mortar Creek-FMC)			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Svoc, 8270, Total	Volatiles	Pesticide	Organotins	Special Instructions/ Conditions of Receipt
~~FCM-24~~ FMC 24	10/30/07				X		X						X				4-4oz jars
~~FCM-24~~ FMC 24	10/30/07				X		X							X			
~~FCM-24~~ FMC 24	10/30/07				X		X								X		
~~FCM-24~~ FMC 24	10/30/07				X		X									X	
~~FCM-9~~ FMC 9	10/30/07				X		X						X				4-4oz jars
~~FCM-9~~ FMC 9	10/30/07				X		X							X			
~~FCM-9~~ FMC 9	10/30/07				X		X								X		
~~FCM-9~~ FMC 9	10/30/07				X		X									X	
~~FCM-10~~ FMC 10	10/30/07				X		X						X				4-4oz jars
~~FCM-10~~ FMC 10	10/30/07				X		X							X			
~~FCM-10~~ FMC 10	10/30/07				X		X								X		
~~FCM-10~~ FMC 10	10/30/07				X		X									X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report. CANARY - Stays with the Sample: PINK - Field Copy

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Tetra Tech WOS	Mike Martin	10/30/07	322455
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 6**
20251 Century Blvd Ste 200	301 528 3022		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Germantown / MD / 20874	T. Mamavage	IS Hall	
Project Name and Location (State)	**Carrier/Waybill Number**		
Martin State Airport, MD Troy Meitar Baker			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: Semi Metal PAH	Volatiles	Pesticide	Dioxin	Special Instructions/ Conditions of Receipt
~~FSM-11~~ FMC 11	10/30/07				X								X				4-4oz jars
~~FSM-11~~ FMC 11	10/30/07				X									X			
~~FSM-11~~ FMC 11	10/30/07				X										X		
~~FSM-11~~ FMC 11					X											X	
~~FSM-12~~ FMC 12					X								X				4-4oz jars
~~FSM-12~~ FMC 12					X									X			
~~FSM-12~~ FMC 12					X										X		
~~FSM-12~~ FMC 12					X											X	
~~FSM-13~~ FMC 13					X								X				4-4oz jars
~~FSM-13~~ FMC 13					X									X			
~~FSM-13~~ FMC 13					X										X		
~~FSM-13~~ FMC 13					X											X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Tetra Tech NUS	Project Manager: Mike Martin	Date: 10/30/07	Chain of Custody Number: 322456
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number	Page 3 of 6
City: Germantown; State: MD; Zip Code: 20874	Site Contact: T Apanavage; Lab Contact: B Hall		
Project Name and Location (State): Martin State Airport Frog Mortar Creek	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Analysis: SVOC Metal PCB	Volatiles	Perchlorate	Organotin		PCBs	LL SVOCs	LL VOCs	Total Metals	Dissolved Metals			Special Instructions/ Conditions of Receipt
EMS ~~FCM 14~~ FMC 14	10/30/07				X										X												4-4oz jar
~~FCM 14~~ FMC 14																X											
~~FCM 14~~ FMC 14																	X										
EMS ~~FCM 14~~ FMC 14					X													X									
EMS ~~FCM 24~~ FMC 24				X				X												X							
~~FCM 24~~ FMC 24								X													X						
~~FCM 24~~ FMC 24											X											X					
~~FCM 24~~ FMC 24										X													X				
EMS ~~FCM 24~~ FMC 24										X														X			

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By			1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Tetra Tech WDS	Mike Martin	10/30/07	322457
Address 20251 Century Blvd Ste 200	**Telephone Number (Area Code)/Fax Number** 301 528 3022	**Lab Number**	**Page** 4 of 6
City Germantown	**State** MD	**Zip Code** 20874	**Site Contact** T Hennessy	**Lab Contact** Is Hall
Project Name and Location (State) Martin State Airport MD Frog Mortar Creek	**Carrier/Waybill Number**	
Contract/Purchase Order/Quote No.	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: PCBs	Hi Spec	11 VOCs	Total Metals	Dissolved Metals	Special Instructions/ Conditions of Receipt
~~FCM 8~~ FMC 9	10/30/07			X			X						X					
~~FCM 9~~ FMC 9							X							X				
~~FCM 9~~ FMC 9										X					X			
~~FCM 9~~ FMC 9									X							X		
~~FCM 9~~ FMC 9									X								X	
~~FCM 10~~ FMC 10							X						X					
~~FCM 10~~ FMC 10							X							X				
~~FCM 10~~ FMC 10										X					X			
~~FCM 10~~ FMC 10									X							X		
~~FCM 10~~ FMC 10									X								X	
				X														

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By			1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Tetra Tech WDS	Mike Martin	10/30/07	322458
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 5 of 6**
20251 Century Blvd Ste 200	301 528 3022		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Germantown / MD / 20874	T Hennage	B Hall	
Project Name and Location (State)	**Carrier/Waybill Number**		
Martin St Report MD Fox Mortar Ck			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: PCBs	LL sucs	LL Inocs	Total Metals	Dissolved Metals	Special Instructions/ Conditions of Receipt
GW FCM-11 FMC 11	10/30/07			X			X						X					
FCM-11 FMC 11							X							X				
FCM-11 FMC 11										X					X			
FCM-11 FMC 11									X						X			
FCM-11 FMC 11									X							X		
FCM-12 FMC 12							X						X					
FCM-12 FMC 12							X							X				
GW FSAA FMC 12										X					X			
FMC 12									X							X		
FMC 12									X								X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Tetra Tech WOS	Mike Mastin	10/30/07	322459
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 6 of 6**
20251 Century Blvd Ste 200	301 528 3022		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Germantown / MD / 20874	T Hannavage	B Hall	
Project Name and Location (State)	**Carrier/Waybill Number**		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: PCBs	1,4 DCB	1,4 VOCs	Total Metals	Dissolved Metals	Special Instructions/ Conditions of Receipt
FMC 13	10/30/07			X			X						X					
FMC 13							X							X				
FMC 13										X					X			
FMC 13									X							X		
FMC 13									X								X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By			1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report. CANARY - Stays with the Sample. PINK - Field Copy

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Tetra Tech NUS	Mike Martin	10/31/07	322460
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 2**
20251 Century Blvd Ste 200	301 528 3032		
City / State / Zip Code	**Site Contact**	**Lab Contact**	
Germantown / MD / 20874	Apanavage	B Hall	
Project Name and Location (State)	**Carrier/Waybill Number**		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: Susp. Solids Total	Volatiles	Pesticides	Organotin	PCBs	LL SVOCs	LL VOCs	Total Metals	Dissolved Metals	Special Instructions/ Conditions of Receipt
FMC 15	10/31/07				X		X						X	X	X	X						
FMC 16	10/31/07				X		X						X	X	X	X						
FMC 16				X			X		X	X							X	X	X	X	X	
FMC 17					X		X						X	X	X	X						
FMC 18					X								X	X	X	X						
FMC 18				X			X		X	X							X	X	X	X	X	
FMC 19					X								X	X	X	X						
FMC 20					X		X						X	X	X	X						
FMC 20				X			X		X	X							X	X	X	X	X	
FMC 21					X		X						X	X	X	X						
FMC 22					X		X						X	X	X	X						
FMC 22				X			X		X	X							X	X	X	X	X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By			1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report. CANARY - Stays with the Sample. PINK - Field Copy

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Tetra Tech WDS	Mike Martin	10/31/07	322461
Address 20251 Century Blvd Ste 200	**Telephone Number (Area Code)/Fax Number** 301 528 3202	**Lab Number**	**Page** 2 of 2
City Germantown **State** MD **Zip Code** 20874	**Site Contact** T Manavage	**Lab Contact** B Hall	
Project Name and Location (State) Martin State Airport Fog Water Creek	**Carrier/Waybill Number**		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Spec PCB Metals	Volatiles	Pesticide	Organotin	PCBs	Lab Spec.	Lead Spec.	Total Metals	Dissolved Metals	Special Instructions/ Conditions of Receipt
FMC 23	10/31/07				X		X						X	X	X	X						
FMC 3	" "				X		X						X	X	X	X						
FMC 3 & 3	" "			X			X		X	X							X	X	X	X	X	
FMC 4	" "				X		X						X	X	X	X						
FMC 5	" "				X		X						X	X	X	X						
FMC 5	" "			X			X		X	X							X	X	X	X	X	
FMC 6	" "				X		X						X	X	X	X						
FMC 7	" "				X		X						X	X	X	X						
FMC 7	" "			X			X		X	X							X	X	X	X	X	
FMC 8	" "				X		X						X	X	X	X						

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By			1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Tetra Tech NUS	Project Manager: Mike Martin	Date: 11/1/07	Chain of Custody Number: 322462
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 1 of 1
City: Germantown / State: MD / Zip Code: 20874	Site Contact: T Hunnewage	Lab Contact: B Hall	
Project Name and Location (State): Martin State Airport / Frog Mortar Creek	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Specific Metals	Volatiles	Pesticide	Dioxin	PCBs	SVOCs	Lipids	Total Metals	Dissolved Metals	Special Instructions/ Conditions of Receipt
FMC 25	11/1/07				X		X						X	X	X	X						
FMC 25	"			X			X		X	X							X	X	X	X	X	
FMC 26	"				X		X						X	X	X	X						
FMC 26	"			X			X		X	X							X	X	X	X	X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal

☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other_____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By			1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

APPENDIX B –DATA VALIDATION REPORT

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO : **MIKE MARTIN** **DATE:** **FEBRUARY 29, 2008**

FROM: **THOMAS JACKMAN** **COPIES:** **DV FILE**

SUBJECT:ORGANIC DATA VALIDATION – VOCS/1,4-DIOXANE
LOCKHEED MIDDLE RIVER
SAMPLE DELIVERY GROUP (SDG) – 7K14155

SAMPLES: 6/Aqueous

MW-70B-111207	MW-70B-111407	MW-70B-111507
TB-111307	TB-111407	TB-111507

Overview

This sample set for the Lockheed Middle River, SDG 7K14155, consists of 3 environmental water samples and 3 trip blanks. The samples were analyzed for Volatile Organic Compounds (VOCs) and 1,4-dioxane (a SVOC). No field duplicates were included in this data set.

The samples were collected by Tetra Tech NUS, Inc. on November 12, 14, and 15, 2007 and analyzed by TestAmerica Laboratories, Inc. The samples were analyzed by SW-846 Methods 8260B and 8270C.

Summary

The findings in this report are based upon a general review of all available data including: data completeness, system performance, holding times, GC/MS tuning, initial/continuing calibrations, laboratory method blank contamination, surrogate spike, matrix spike/matrix spike duplicate (MS/MSD) results, Laboratory Control Sample (LCS) results, compound identification, compound quantitation, and detection limits. Areas of concern are listed below; documentation supporting these findings is presented in Appendix C. Qualified analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

Major Problems

- The initial calibration had the relative response factor (RRF) for tert-butyl alcohol less than the 0.05 quality control limit on 10/03/07 and continuing calibrations on 11/20/07 and 11/21/07 on instrument A3UX10. Non-detected results for tert-butyl alcohol were rejected (UR) in samples associated with these calibrations.

Minor Problems

- The following compounds were detected in laboratory method blanks and trip blanks at the following maximum concentrations.

Compound	Level	Action Level
1,2,3-Trichlorobenzene[(1)]	0.57 µg/L	2.85 µg/L

1,2,4-Trichlorobenzene[1]	0.31 µg/L	1.55 µg/L
2-Butanone[2]	8.9 µg/L	89 µg/L
Acetone[3]	44 µg/L	440 µg/L
Naphthalene[1]	0.52 µg/L	2.6 µg/L
Styrene[3]	0.18 µg/L	0.9 µg/L
Toluene[3]	0.22 µg/L	1.1 µg/L

1. Reported in laboratory blanks only.
2. Reported in laboratory and trip blanks.
3. Reported in trip blanks only.

An action level of 10X the maximum blank concentration was used for the common laboratory contaminants, acetone and 2-butanone. An action level of 5X the maximum contaminant concentration was used for the other blank contaminants to evaluate laboratory or field contamination. Dilution factors and sample aliquots were taken into consideration during the application of all action levels, if applicable.

Positive results for 2-butanone below the action level were qualified as false positives, "B". Results for the other above mentioned compounds were not qualified because they were not positively detected in any environmental samples.

- Positive results reported below the reporting limit (RL) but above the method detection limit (MDL) for the organic analyses were qualified as estimated (J).

Notes

In the VOC analysis, samples MW-70B-111207, MW-70B-111407, and MW-70B-111507 were analyzed at dilutions of 120 and 140 because of high analyte concentrations (e.g., 1,1-DCE, cis-1,2-DCE, TCE). The dilutions resulted in elevated quantitation limits for these samples.

The continuing calibration had the %D > 25% quality control limit but < 50% quality control limit for vinyl acetate on 11/20/07 @10:22 on instrument A3UX10. No validation actions were required because vinyl acetate was not positively detected in samples associated with this calibration.

The continuing calibration had the %D > 25% quality control limit but < 50% quality control limit for vinyl acetate on 11/21/07 @10:45 on instrument A3UX10. No validation actions were required because vinyl acetate was not positively detected in samples associated with this calibration.

Executive Summary

Laboratory Performance: 1,2,3-Trichlorobenzene, 1,2,4-trichlorobenzene, 2-butanone, and naphthalene were detected in laboratory blanks. Initial calibration and continuing calibration RRFs for tert-butyl alcohol were below the control limit resulting in the rejection of nondetected results.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "Region III Modifications to the National Functional Guidelines for Organic Data Review" (9/94). The text of this report has been formulated to address only those problem areas affecting data quality.

Tetra Tech NUS
Thomas Jackman

Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

Data Qualifier Key:

B	-	Positive result is considered to be an artifact of blank contamination and should not be considered present.
J	-	Positive result is considered estimated, "J", as a result of technical noncompliances.
U	-	Nondetected result.
UR	-	Nondetected result is considered rejected, "UR", as a result of severe validation noncompliances.

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$ / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 01179

SDG: 7K14155 MEDIA: WATER DATA FRACTION: OV

nsample	MRC-MW70B-111207DL	nsample	MRC-MW70B-111207DL	nsample	MRC-MW70B-111207DL
samp_date	11/12/2007	samp_date	11/12/2007	samp_date	11/12/2007
lab_id	A7K140155001	lab_id	A7K140155001	lab_id	A7K140155001
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	140	U	
1,1,1-TRICHLOROETHANE	33	J	P
1,1,2,2-TETRACHLOROETHANE	140	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	140	U	
1,1-DICHLOROETHANE	97	J	P
1,1-DICHLOROETHENE	830		
1,1-DICHLOROPROPENE	140	U	
1,2,3-TRICHLOROBENZENE	140	U	
1,2,3-TRICHLOROPROPANE	140	U	
1,2,3-TRIMETHYLBENZENE	710	U	
1,2,4-TRICHLOROBENZENE	140	U	
1,2,4-TRIMETHYLBENZENE	140	U	
1,2-DIBROMO-3-CHLOROPROPANE	290	U	
1,2-DIBROMOETHANE	140	U	
1,2-DICHLOROBENZENE	140	U	
1,2-DICHLOROETHANE	140	U	
1,2-DICHLOROPROPANE	140	U	
1,3-DICHLOROBENZENE	140	U	
1,3-DICHLOROPROPANE	140	U	
1,4-DICHLOROBENZENE	140	U	
2,2-DICHLOROPROPANE	140	U	
2-BUTANONE	710	U	
2-CHLOROETHYL VINYL ETHER	710	U	
2-CHLOROTOLUENE	140	U	
2-HEXANONE	710	U	
4-CHLOROTOLUENE	140	U	
4-ISOPROPYLTOLUENE	140	U	
4-METHYL-2-PENTANONE	710	U	
ACETONE	710	U	
BENZENE	140	U	
BROMOBENZENE	140	U	
BROMOCHLOROMETHANE	140	U	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	140	U	
BROMOFORM	140	U	
BROMOMETHANE	140	U	
CARBON DISULFIDE	140	U	
CARBON TETRACHLORIDE	140	U	
CHLOROBENZENE	140	U	
CHLORODIBROMOMETHANE	140	U	
CHLOROETHANE	140	U	
CHLOROFORM	140	U	
CHLOROMETHANE	140	U	
CIS-1,2-DICHLOROETHENE	150		
CIS-1,3-DICHLOROPROPENE	140	U	
DIBROMOMETHANE	140	U	
DICHLORODIFLUOROMETHANE	140	U	
DIISOPROPYL ETHER	710	U	
ETHYL TERT-BUTYL ETHER	710	U	
ETHYLBENZENE	140	U	
HEXACHLOROBUTADIENE	140	U	
ISOPROPYLBENZENE	140	U	
M+P-XYLENES	290	U	
METHYL TERT-BUTYL ETHER	710	U	
METHYLENE CHLORIDE	140	U	
NAPHTHALENE	140	U	
N-BUTYLBENZENE	140	U	
N-PROPYLBENZENE	140	U	
O-XYLENE	140	U	
SEC-BUTYLBENZENE	140	U	
STYRENE	140	U	
TERT-AMYL METHYL ETHER	710	U	
TERT-BUTYLBENZENE	140	U	
TERTIARY-BUTYL ALCOHOL	2900	UR	C
TETRACHLOROETHENE	140	U	

Parameter	Result	Val Qual	Qual Code
TOLUENE	140	U	
TOTAL XYLENES	290	U	
TRANS-1,2-DICHLOROETHENE	140	U	
TRANS-1,3-DICHLOROPROPENE	140	U	
TRICHLOROETHENE	4400		
TRICHLOROFLUOROMETHANE	140	U	
VINYL ACETATE	290	U	
VINYL CHLORIDE	140	U	

PROJ_NO: 01179

SDG: 7K14155 MEDIA: WATER DATA FRACTION: OV

nsample	MRC-MW70B-111407DL
samp_date	11/14/2007
lab_id	A7K150199001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	120	U	
1,1,1-TRICHLOROETHANE	40	J	P
1,1,2,2-TETRACHLOROETHANE	120	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	120	U	
1,1-DICHLOROETHANE	98	J	P
1,1-DICHLOROETHENE	800		
1,1-DICHLOROPROPENE	120	U	
1,2,3-TRICHLOROBENZENE	120	U	
1,2,3-TRICHLOROPROPANE	120	U	
1,2,3-TRIMETHYLBENZENE	620	U	
1,2,4-TRICHLOROBENZENE	120	U	
1,2,4-TRIMETHYLBENZENE	120	U	
1,2-DIBROMO-3-CHLOROPROPANE	250	U	
1,2-DIBROMOETHANE	120	U	
1,2-DICHLOROBENZENE	120	U	
1,2-DICHLOROETHANE	120	U	
1,2-DICHLOROPROPANE	120	U	
1,3-DICHLOROBENZENE	120	U	
1,3-DICHLOROPROPANE	120	U	
1,4-DICHLOROBENZENE	120	U	
2,2-DICHLOROPROPANE	120	U	
2-BUTANONE	91	B	B
2-CHLOROETHYL VINYL ETHER	620	U	
2-CHLOROTOLUENE	120	U	
2-HEXANONE	620	U	
4-CHLOROTOLUENE	120	U	
4-ISOPROPYLTOLUENE	120	U	
4-METHYL-2-PENTANONE	620	U	
ACETONE	620	U	
BENZENE	120	U	
BROMOBENZENE	120	U	
BROMOCHLOROMETHANE	120	U	

nsample	MRC-MW70B-111407DL
samp_date	11/14/2007
lab_id	A7K150199001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	120	U	
BROMOFORM	120	U	
BROMOMETHANE	120	U	
CARBON DISULFIDE	120	U	
CARBON TETRACHLORIDE	120	U	
CHLOROBENZENE	120	U	
CHLORODIBROMOMETHANE	120	U	
CHLOROETHANE	120	U	
CHLOROFORM	120	U	
CHLOROMETHANE	120	U	
CIS-1,2-DICHLOROETHENE	150		
CIS-1,3-DICHLOROPROPENE	120	U	
DIBROMOMETHANE	120	U	
DICHLORODIFLUOROMETHANE	120	U	
DIISOPROPYL ETHER	620	U	
ETHYL TERT-BUTYL ETHER	620	U	
ETHYLBENZENE	120	U	
HEXACHLOROBUTADIENE	120	U	
ISOPROPYLBENZENE	120	U	
M+P-XYLENES	250	U	
METHYL TERT-BUTYL ETHER	620	U	
METHYLENE CHLORIDE	120	U	
NAPHTHALENE	120	U	
N-BUTYLBENZENE	120	U	
N-PROPYLBENZENE	120	U	
O-XYLENE	120	U	
SEC-BUTYLBENZENE	120	U	
STYRENE	120	U	
TERT-AMYL METHYL ETHER	620	U	
TERT-BUTYLBENZENE	120	U	
TERTIARY-BUTYL ALCOHOL	2500	UR	C
TETRACHLOROETHENE	120	U	

nsample	MRC-MW70B-111407DL
samp_date	11/14/2007
lab_id	A7K150199001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	120	U	
TOTAL XYLENES	250	U	
TRANS-1,2-DICHLOROETHENE	120	U	
TRANS-1,3-DICHLOROPROPENE	120	U	
TRICHLOROETHENE	4000		
TRICHLOROFLUOROMETHANE	120	U	
VINYL ACETATE	250	U	
VINYL CHLORIDE	120	U	

PROJ_NO: 01179

SDG: 7K14155 MEDIA: WATER DATA FRACTION: OV

nsample	MRC-MW70B-111507DL
samp_date	11/15/2007
lab_id	A7K160209001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	140	U	
1,1,1-TRICHLOROETHANE	38	J	P
1,1,2,2-TETRACHLOROETHANE	140	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	140	U	
1,1-DICHLOROETHANE	100	J	P
1,1-DICHLOROETHENE	870		
1,1-DICHLOROPROPENE	140	U	
1,2,3-TRICHLOROBENZENE	140	U	
1,2,3-TRICHLOROPROPANE	140	U	
1,2,3-TRIMETHYLBENZENE	710	U	
1,2,4-TRICHLOROBENZENE	140	U	
1,2,4-TRIMETHYLBENZENE	140	U	
1,2-DIBROMO-3-CHLOROPROPANE	290	U	
1,2-DIBROMOETHANE	140	U	
1,2-DICHLOROBENZENE	140	U	
1,2-DICHLOROETHANE	140	U	
1,2-DICHLOROPROPANE	140	U	
1,3-DICHLOROBENZENE	140	U	
1,3-DICHLOROPROPANE	140	U	
1,4-DICHLOROBENZENE	140	U	
2,2-DICHLOROPROPANE	140	U	
2-BUTANONE	710	U	
2-CHLOROETHYL VINYL ETHER	710	U	
2-CHLOROTOLUENE	140	U	
2-HEXANONE	710	U	
4-CHLOROTOLUENE	140	U	
4-ISOPROPYLTOLUENE	140	U	
4-METHYL-2-PENTANONE	710	U	
ACETONE	710	U	
BENZENE	140	U	
BROMOBENZENE	140	U	
BROMOCHLOROMETHANE	140	U	

nsample	MRC-MW70B-111507DL
samp_date	11/15/2007
lab_id	A7K160209001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	140	U	
BROMOFORM	140	U	
BROMOMETHANE	140	U	
CARBON DISULFIDE	140	U	
CARBON TETRACHLORIDE	140	U	
CHLOROBENZENE	140	U	
CHLORODIBROMOMETHANE	140	U	
CHLOROETHANE	140	U	
CHLOROFORM	140	U	
CHLOROMETHANE	140	U	
CIS-1,2-DICHLOROETHENE	170		
CIS-1,3-DICHLOROPROPENE	140	U	
DIBROMOMETHANE	140	U	
DICHLORODIFLUOROMETHANE	140	U	
DIISOPROPYL ETHER	710	U	
ETHYL TERT-BUTYL ETHER	710	U	
ETHYLBENZENE	140	U	
HEXACHLOROBUTADIENE	140	U	
ISOPROPYLBENZENE	140	U	
M+P-XYLENES	290	U	
METHYL TERT-BUTYL ETHER	710	U	
METHYLENE CHLORIDE	140	U	
NAPHTHALENE	140	U	
N-BUTYLBENZENE	140	U	
N-PROPYLBENZENE	140	U	
O-XYLENE	140	U	
SEC-BUTYLBENZENE	140	U	
STYRENE	140	U	
TERT-AMYL METHYL ETHER	710	U	
TERT-BUTYLBENZENE	140	U	
TERTIARY-BUTYL ALCOHOL	2900	UR	C
TETRACHLOROETHENE	140	U	

nsample	MRC-MW70B-111507DL
samp_date	11/15/2007
lab_id	A7K160209001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	140	U	
TOTAL XYLENES	290	U	
TRANS-1,2-DICHLOROETHENE	140	U	
TRANS-1,3-DICHLOROPROPENE	140	U	
TRICHLOROETHENE	4400		
TRICHLOROFLUOROMETHANE	140	U	
VINYL ACETATE	290	U	
VINYL CHLORIDE	140	U	

PROJ_NO: 01179

SDG: 7K14155 MEDIA: WATER DATA FRACTION: OV

nsample	TB-111307
samp_date	11/12/2007
lab_id	A7K140155002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	1	U	
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,1-DICHLOROPROPENE	1	U	
1,2,3-TRICHLOROBENZENE	1	U	
1,2,3-TRICHLOROPROPANE	1	U	
1,2,3-TRIMETHYLBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	1	U	
1,2,4-TRIMETHYLBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	2	U	
1,2-DIBROMOETHANE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,3-DICHLOROPROPANE	1	U	
1,4-DICHLOROBENZENE	1	U	
2,2-DICHLOROPROPANE	1	U	
2-BUTANONE	8.9		
2-CHLOROETHYL VINYL ETHER	5	U	
2-CHLOROTOLUENE	1	U	
2-HEXANONE	5	U	
4-CHLOROTOLUENE	1	U	
4-ISOPROPYLTOLUENE	1	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	44		
BENZENE	1	U	
BROMOBENZENE	1	U	
BROMOCHLOROMETHANE	1	U	

nsample	TB-111307
samp_date	11/12/2007
lab_id	A7K140155002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	1	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	1	U	
CHLOROFORM	1	U	
CHLOROMETHANE	1	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
DIISOPROPYL ETHER	5	U	
ETHYL TERT-BUTYL ETHER	5	U	
ETHYLBENZENE	1	U	
HEXACHLOROBUTADIENE	1	U	
ISOPROPYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	1	U	
NAPHTHALENE	1	U	
N-BUTYLBENZENE	1	U	
N-PROPYLBENZENE	1	U	
O-XYLENE	1	U	
SEC-BUTYLBENZENE	1	U	
STYRENE	0.18	J	P
TERT-AMYL METHYL ETHER	5	U	
TERT-BUTYLBENZENE	1	U	
TERTIARY-BUTYL ALCOHOL	20	UR	C
TETRACHLOROETHENE	1	U	

nsample	TB-111307
samp_date	11/12/2007
lab_id	A7K140155002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	0.22	J	P
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

PROJ_NO: 01179

SDG: 7K14155 MEDIA: WATER DATA FRACTION: OV

nsample	TB-111407
samp_date	11/14/2007
lab_id	A7K150199002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	1	U	
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,1-DICHLOROPROPENE	1	U	
1,2,3-TRICHLOROBENZENE	1	U	
1,2,3-TRICHLOROPROPANE	1	U	
1,2,3-TRIMETHYLBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	1	U	
1,2,4-TRIMETHYLBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	2	U	
1,2-DIBROMOETHANE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,3-DICHLOROPROPANE	1	U	
1,4-DICHLOROBENZENE	1	U	
2,2-DICHLOROPROPANE	1	U	
2-BUTANONE	5	U	
2-CHLOROETHYL VINYL ETHER	5	U	
2-CHLOROTOLUENE	1	U	
2-HEXANONE	5	U	
4-CHLOROTOLUENE	1	U	
4-ISOPROPYLTOLUENE	1	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	5	U	
BENZENE	1	U	
BROMOBENZENE	1	U	
BROMOCHLOROMETHANE	1	U	

nsample	TB-111407
samp_date	11/14/2007
lab_id	A7K150199002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	1	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	1	U	
CHLOROFORM	1	U	
CHLOROMETHANE	1	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
DIISOPROPYL ETHER	5	U	
ETHYL TERT-BUTYL ETHER	5	U	
ETHYLBENZENE	1	U	
HEXACHLOROBUTADIENE	1	U	
ISOPROPYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	1	U	
NAPHTHALENE	1	U	
N-BUTYLBENZENE	1	U	
N-PROPYLBENZENE	1	U	
O-XYLENE	1	U	
SEC-BUTYLBENZENE	1	U	
STYRENE	1	U	
TERT-AMYL METHYL ETHER	5	U	
TERT-BUTYLBENZENE	1	U	
TERTIARY-BUTYL ALCOHOL	20	UR	C
TETRACHLOROETHENE	1	U	

nsample	TB-111407
samp_date	11/14/2007
lab_id	A7K150199002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	1	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

PROJ_NO: 01179

SDG: 7K14155 MEDIA: WATER DATA FRACTION: OV

nsample	TB-111507
samp_date	11/15/2007
lab_id	A7K160209002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	1	U	
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,1-DICHLOROPROPENE	1	U	
1,2,3-TRICHLOROBENZENE	1	U	
1,2,3-TRICHLOROPROPANE	1	U	
1,2,3-TRIMETHYLBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	1	U	
1,2,4-TRIMETHYLBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	2	U	
1,2-DIBROMOETHANE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,3-DICHLOROPROPANE	1	U	
1,4-DICHLOROBENZENE	1	U	
2,2-DICHLOROPROPANE	1	U	
2-BUTANONE	5	U	
2-CHLOROETHYL VINYL ETHER	5	U	
2-CHLOROTOLUENE	1	U	
2-HEXANONE	5	U	
4-CHLOROTOLUENE	1	U	
4-ISOPROPYLTOLUENE	1	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	5	U	
BENZENE	1	U	
BROMOBENZENE	1	U	
BROMOCHLOROMETHANE	1	U	

nsample	TB-111507
samp_date	11/15/2007
lab_id	A7K160209002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	1	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	1	U	
CHLOROFORM	1	U	
CHLOROMETHANE	1	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
DIISOPROPYL ETHER	5	U	
ETHYL TERT-BUTYL ETHER	5	U	
ETHYLBENZENE	1	U	
HEXACHLOROBUTADIENE	1	U	
ISOPROPYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	1	U	
NAPHTHALENE	1	U	
N-BUTYLBENZENE	1	U	
N-PROPYLBENZENE	1	U	
O-XYLENE	1	U	
SEC-BUTYLBENZENE	1	U	
STYRENE	1	U	
TERT-AMYL METHYL ETHER	5	U	
TERT-BUTYLBENZENE	1	U	
TERTIARY-BUTYL ALCOHOL	20	UR	C
TETRACHLOROETHENE	1	U	

nsample	TB-111507
samp_date	11/15/2007
lab_id	A7K160209002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	1	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

PROJ_NO: 01179

SDG: 7K14155 MEDIA: WATER DATA FRACTION: OS

nsample	MRC-MW70B-111207DL
samp_date	11/12/2007
lab_id	A7K140155001
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,4-DIOXANE	UG/L	160		

nsample	MRC-MW70B-111407DL
samp_date	11/14/2007
lab_id	A7K150199001
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,4-DIOXANE	UG/L	140		

nsample	MRC-MW70B-111507DL
samp_date	11/15/2007
lab_id	A7K160209001
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,4-DIOXANE	UG/L	260		

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111207

GC/MS Volatiles

Lot-Sample #...: A7K140155-001 **Work Order #...:** KA71H1CF **Matrix.....:** WG
Date Sampled...: 11/12/07 16:50 **Date Received..:** 11/14/07
Prep Date.....: 11/20/07 **Analysis Date..:** 11/20/07
Prep Batch #...: 7324511
Dilution Factor: 142.86 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromobenzene	ND	140	ug/L
Bromochloromethane	ND	140	ug/L
2-Chloroethyl vinyl ether	ND	710	ug/L
2-Butanone	ND	710	ug/L
Xylenes (total)	ND	290	ug/L
1,2,3-Trichloropropane	ND	140	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	140	ug/L
cis-1,2-Dichloroethene	**150**	**140**	**ug/L**
trans-1,2-Dichloroethene	ND	140	ug/L
o-Xylene	ND	140	ug/L
m-Xylene & p-Xylene	ND	290	ug/L
Isopropylbenzene	ND	140	ug/L
1,2-Dibromo-3-chloro-propane	ND	290	ug/L
Dichlorodifluoromethane	ND	140	ug/L
Trichlorofluoromethane	ND	140	ug/L
Acetone	ND	710	ug/L
Bromodichloromethane	ND	140	ug/L
n-Butylbenzene	ND	140	ug/L
sec-Butylbenzene	ND	140	ug/L
tert-Butylbenzene	ND	140	ug/L
Carbon disulfide	ND	140	ug/L
Dibromochloromethane	ND	140	ug/L
2-Chlorotoluene	ND	140	ug/L
4-Chlorotoluene	ND	140	ug/L
1,2-Dibromoethane	ND	140	ug/L
Dibromomethane	ND	140	ug/L
1,2-Dichlorobenzene	ND	140	ug/L
1,3-Dichlorobenzene	ND	140	ug/L
1,4-Dichlorobenzene	ND	140	ug/L
1,3-Dichloropropane	ND	140	ug/L
2,2-Dichloropropane	ND	140	ug/L
1,1-Dichloropropene	ND	140	ug/L
Hexachlorobutadiene	ND	140	ug/L
2-Hexanone	ND	710	ug/L
p-Isopropyltoluene	ND	140	ug/L
tert-Butyl alcohol	ND	2900	ug/L

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111207

GC/MS Volatiles

Lot-Sample #...: A7K140155-001 **Work Order #...:** KA71H1CF **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Methyl-2-pentanone	ND	710	ug/L
Naphthalene	ND	140	ug/L
n-Propylbenzene	ND	140	ug/L
Styrene	ND	140	ug/L
1,1,1,2-Tetrachloroethane	ND	140	ug/L
1,2,3-Trichlorobenzene	ND	140	ug/L
1,2,4-Trichloro-benzene	ND	140	ug/L
1,2,4-Trimethylbenzene	ND	140	ug/L
Vinyl acetate	ND	290	ug/L
1,2,3-Trimethylbenzene	ND	710	ug/L
Diisopropyl Ether (DIPE)	ND	710	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	710	ug/L
Tert-amyl methyl ether (TAME)	ND	710	ug/L
Methyl tert-butyl ether	ND	710	ug/L
Benzene	ND	140	ug/L
Bromoform	ND	140	ug/L
Bromomethane	ND	140	ug/L
Carbon tetrachloride	ND	140	ug/L
Chlorobenzene	ND	140	ug/L
Chloroethane	ND	140	ug/L
Chloroform	ND	140	ug/L
Chloromethane	ND	140	ug/L
1,1-Dichloroethane	**97 J**	**140**	**ug/L**
1,2-Dichloroethane	ND	140	ug/L
1,1-Dichloroethene	**830**	**140**	**ug/L**
1,2-Dichloropropane	ND	140	ug/L
cis-1,3-Dichloropropene	ND	140	ug/L
trans-1,3-Dichloropropene	ND	140	ug/L
Ethylbenzene	ND	140	ug/L
Methylene chloride	ND	140	ug/L
1,1,2,2-Tetrachloroethane	ND	140	ug/L
Tetrachloroethene	ND	140	ug/L
Toluene	ND	140	ug/L
1,1,1-Trichloroethane	**33 J**	**140**	**ug/L**
Trichloroethene	**4400**	**140**	**ug/L**
Vinyl chloride	ND	140	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d8	81	(76 - 110)
4-Bromofluorobenzene	81	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111407

GC/MS Volatiles

Lot-Sample #...: A7K150199-001 **Work Order #...:** KCATK1CF **Matrix.....:** WG
Date Sampled...: 11/14/07 14:45 **Date Received..:** 11/15/07
Prep Date.....: 11/21/07 **Analysis Date..:** 11/21/07
Prep Batch #...: 7327128
Dilution Factor: 125 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromobenzene	ND	120	ug/L
Bromochloromethane	ND	120	ug/L
2-Chloroethyl vinyl ether	ND	620	ug/L
2-Butanone	**91 J,B**	**620**	**ug/L**
Xylenes (total)	ND	250	ug/L
1,2,3-Trichloropropane	ND	120	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	120	ug/L
cis-1,2-Dichloroethene	**150**	**120**	**ug/L**
trans-1,2-Dichloroethene	ND	120	ug/L
o-Xylene	ND	120	ug/L
m-Xylene & p-Xylene	ND	250	ug/L
Isopropylbenzene	ND	120	ug/L
1,2-Dibromo-3-chloro-propane	ND	250	ug/L
Dichlorodifluoromethane	ND	120	ug/L
Trichlorofluoromethane	ND	120	ug/L
Acetone	ND	620	ug/L
Bromodichloromethane	ND	120	ug/L
n-Butylbenzene	ND	120	ug/L
sec-Butylbenzene	ND	120	ug/L
tert-Butylbenzene	ND	120	ug/L
Carbon disulfide	ND	120	ug/L
Dibromochloromethane	ND	120	ug/L
2-Chlorotoluene	ND	120	ug/L
4-Chlorotoluene	ND	120	ug/L
1,2-Dibromoethane	ND	120	ug/L
Dibromomethane	ND	120	ug/L
1,2-Dichlorobenzene	ND	120	ug/L
1,3-Dichlorobenzene	ND	120	ug/L
1,4-Dichlorobenzene	ND	120	ug/L
1,3-Dichloropropane	ND	120	ug/L
2,2-Dichloropropane	ND	120	ug/L
1,1-Dichloropropene	ND	120	ug/L
Hexachlorobutadiene	ND	120	ug/L
2-Hexanone	ND	620	ug/L
p-Isopropyltoluene	ND	120	ug/L
tert-Butyl alcohol	ND	2500	ug/L

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111407

GC/MS Volatiles

Lot-Sample #...: A7K150199-001 Work Order #...: KCATK1CF Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Methyl-2-pentanone	ND	620	ug/L
Naphthalene	ND	120	ug/L
n-Propylbenzene	ND	120	ug/L
Styrene	ND	120	ug/L
1,1,1,2-Tetrachloroethane	ND	120	ug/L
1,2,3-Trichlorobenzene	ND	120	ug/L
1,2,4-Trichloro-benzene	ND	120	ug/L
1,2,4-Trimethylbenzene	ND	120	ug/L
Vinyl acetate	ND	250	ug/L
1,2,3-Trimethylbenzene	ND	620	ug/L
Diisopropyl Ether (DIPE)	ND	620	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	620	ug/L
Tert-amyl methyl ether (TAME)	ND	620	ug/L
Methyl tert-butyl ether	ND	620	ug/L
Benzene	ND	120	ug/L
Bromoform	ND	120	ug/L
Bromomethane	ND	120	ug/L
Carbon tetrachloride	ND	120	ug/L
Chlorobenzene	ND	120	ug/L
Chloroethane	ND	120	ug/L
Chloroform	ND	120	ug/L
Chloromethane	ND	120	ug/L
1,1-Dichloroethane	**98 J**	**120**	**ug/L**
1,2-Dichloroethane	ND	120	ug/L
1,1-Dichloroethene	**800**	**120**	**ug/L**
1,2-Dichloropropane	ND	120	ug/L
cis-1,3-Dichloropropene	ND	120	ug/L
trans-1,3-Dichloropropene	ND	120	ug/L
Ethylbenzene	ND	120	ug/L
Methylene chloride	ND	120	ug/L
1,1,2,2-Tetrachloroethane	ND	120	ug/L
Tetrachloroethene	ND	120	ug/L
Toluene	ND	120	ug/L
1,1,1-Trichloroethane	**40 J**	**120**	**ug/L**
Trichloroethene	**4000**	**120**	**ug/L**
Vinyl chloride	ND	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(73 - 122)
1,2-Dichloroethane-d4	94	(61 - 128)
Toluene-d8	80	(76 - 110)
4-Bromofluorobenzene	78	(74 - 116)

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111407

GC/MS Volatiles

Lot-Sample #...: A7K150199-001 Work Order #...: KCATK1CF Matrix.....: WG

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111507

GC/MS Volatiles

Lot-Sample #...: A7K160209-001 **Work Order #...:** KCE511CF **Matrix.....:** WG
Date Sampled...: 11/15/07 14:45 **Date Received..:** 11/16/07
Prep Date.....: 11/20/07 **Analysis Date..:** 11/20/07
Prep Batch #...: 7324511
Dilution Factor: 142.86 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromobenzene	ND	140	ug/L
Bromochloromethane	ND	140	ug/L
2-Chloroethyl vinyl ether	ND	710	ug/L
2-Butanone	ND	710	ug/L
Xylenes (total)	ND	290	ug/L
1,2,3-Trichloropropane	ND	140	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	140	ug/L
cis-1,2-Dichloroethene	**170**	**140**	**ug/L**
trans-1,2-Dichloroethene	ND	140	ug/L
o-Xylene	ND	140	ug/L
m-Xylene & p-Xylene	ND	290	ug/L
Isopropylbenzene	ND	140	ug/L
1,2-Dibromo-3-chloro-propane	ND	290	ug/L
Dichlorodifluoromethane	ND	140	ug/L
Trichlorofluoromethane	ND	140	ug/L
Acetone	ND	710	ug/L
Bromodichloromethane	ND	140	ug/L
n-Butylbenzene	ND	140	ug/L
sec-Butylbenzene	ND	140	ug/L
tert-Butylbenzene	ND	140	ug/L
Carbon disulfide	ND	140	ug/L
Dibromochloromethane	ND	140	ug/L
2-Chlorotoluene	ND	140	ug/L
4-Chlorotoluene	ND	140	ug/L
1,2-Dibromoethane	ND	140	ug/L
Dibromomethane	ND	140	ug/L
1,2-Dichlorobenzene	ND	140	ug/L
1,3-Dichlorobenzene	ND	140	ug/L
1,4-Dichlorobenzene	ND	140	ug/L
1,3-Dichloropropane	ND	140	ug/L
2,2-Dichloropropane	ND	140	ug/L
1,1-Dichloropropene	ND	140	ug/L
Hexachlorobutadiene	ND	140	ug/L
2-Hexanone	ND	710	ug/L
p-Isopropyltoluene	ND	140	ug/L
tert-Butyl alcohol	ND	2900	ug/L

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Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111507

GC/MS Volatiles

Lot-Sample #...: A7K160209-001 **Work Order #...:** KCE511CF **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Methyl-2-pentanone	ND	710	ug/L
Naphthalene	ND	140	ug/L
n-Propylbenzene	ND	140	ug/L
Styrene	ND	140	ug/L
1,1,1,2-Tetrachloroethane	ND	140	ug/L
1,2,3-Trichlorobenzene	ND	140	ug/L
1,2,4-Trichloro-benzene	ND	140	ug/L
1,2,4-Trimethylbenzene	ND	140	ug/L
Vinyl acetate	ND	290	ug/L
1,2,3-Trimethylbenzene	ND	710	ug/L
Diisopropyl Ether (DIPE)	ND	710	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	710	ug/L
Tert-amyl methyl ether (TAME)	ND	710	ug/L
Methyl tert-butyl ether	ND	710	ug/L
Benzene	ND	140	ug/L
Bromoform	ND	140	ug/L
Bromomethane	ND	140	ug/L
Carbon tetrachloride	ND	140	ug/L
Chlorobenzene	ND	140	ug/L
Chloroethane	ND	140	ug/L
Chloroform	ND	140	ug/L
Chloromethane	ND	140	ug/L
1,1-Dichloroethane	**100 J**	**140**	**ug/L**
1,2-Dichloroethane	ND	140	ug/L
1,1-Dichloroethene	**870**	**140**	**ug/L**
1,2-Dichloropropane	ND	140	ug/L
cis-1,3-Dichloropropene	ND	140	ug/L
trans-1,3-Dichloropropene	ND	140	ug/L
Ethylbenzene	ND	140	ug/L
Methylene chloride	ND	140	ug/L
1,1,2,2-Tetrachloroethane	ND	140	ug/L
Tetrachloroethene	ND	140	ug/L
Toluene	ND	140	ug/L
1,1,1-Trichloroethane	**38 J**	**140**	**ug/L**
Trichloroethene	**4400**	**140**	**ug/L**
Vinyl chloride	ND	140	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
Toluene-d8	83	(76 - 110)
4-Bromofluorobenzene	82	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: TB-111307

GC/MS Volatiles

Lot-Sample #...: A7K140155-002	**Work Order #...:** KA71N1AA	**Matrix.....:** WQ
Date Sampled...: 11/12/07	**Date Received..:** 11/14/07	
Prep Date.....: 11/20/07	**Analysis Date..:** 11/20/07	
Prep Batch #...: 7324511		
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
2-Butanone	**8.9**	**5.0**	**ug/L**
Xylenes (total)	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetone	**44**	**5.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
tert-Butyl alcohol	ND	20	ug/L

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Tetra Tech NUS, Inc

Client Sample ID: TB-111307

GC/MS Volatiles

Lot-Sample #...: A7K140155-002 **Work Order #...:** KA71N1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Methyl-2-pentanone	ND	5.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	**0.18 J**	**1.0**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
1,2,3-Trimethylbenzene	ND	5.0	ug/L
Diisopropyl Ether (DIPE)	ND	5.0	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	5.0	ug/L
Tert-amyl methyl ether (TAME)	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Benzene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	**0.22 J**	**1.0**	**ug/L**
1,1,1-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	80	(76 - 110)
4-Bromofluorobenzene	80	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: TB-111407

GC/MS Volatiles

Lot-Sample #...: A7K150199-002 **Work Order #...:** KCATV1AA **Matrix.....:** WQ
Date Sampled...: 11/14/07 **Date Received..:** 11/15/07
Prep Date.....: 11/21/07 **Analysis Date..:** 11/21/07
Prep Batch #...: 7327128
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetone	ND	5.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
2-Butanone	ND	5.0	ug/L
Xylenes (total)	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
tert-Butyl alcohol	ND	20	ug/L

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Tetra Tech NUS, Inc

Client Sample ID: TB-111407

GC/MS Volatiles

Lot-Sample #...: A7K150199-002 **Work Order #...:** KCATV1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Methyl-2-pentanone	ND	5.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
1,2,3-Trimethylbenzene	ND	5.0	ug/L
Diisopropyl Ether (DIPE)	ND	5.0	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	5.0	ug/L
Tert-amyl methyl ether (TAME)	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Benzene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	93	(61 - 128)
Toluene-d8	81	(76 - 110)
4-Bromofluorobenzene	81	(74 - 116)

Tetra Tech NUS, Inc

Client Sample ID: TB-111507

GC/MS Volatiles

Lot-Sample #...: A7K160209-002 **Work Order #...:** KCE7K1AA **Matrix.....:** WQ
Date Sampled...: 11/15/07 **Date Received..:** 11/16/07
Prep Date.....: 11/20/07 **Analysis Date..:** 11/20/07
Prep Batch #...: 7324511
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
2-Butanone	ND	5.0	ug/L
Xylenes (total)	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetone	ND	5.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
tert-Butyl alcohol	ND	20	ug/L

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Tetra Tech NUS, Inc

Client Sample ID: TB-111507

GC/MS Volatiles

Lot-Sample #...: A7K160209-002 **Work Order #...:** KCE7K1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Methyl-2-pentanone	ND	5.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
1,2,3-Trimethylbenzene	ND	5.0	ug/L
Diisopropyl Ether (DIPE)	ND	5.0	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	5.0	ug/L
Tert-amyl methyl ether (TAME)	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Benzene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d8	79	(76 - 110)
4-Bromofluorobenzene	80	(74 - 116)

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111207

GC/MS Semivolatiles

Lot-Sample #...: A7K140155-001	**Work Order #...:** KA71H1CG	**Matrix.....:** WG	
Date Sampled...: 11/12/07 16:50	**Date Received..:** 11/14/07		
Prep Date.....: 11/14/07	**Analysis Date..:** 11/19/07		
Prep Batch #...: 7318281			
Dilution Factor: 6.66	**Initial Wgt/Vol:** 1000 mL	**Final Wgt/Vol..:** 2 mL	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dioxane	**160**	**67**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
2-Fluorobiphenyl	46	(28 - 110)
Terphenyl-d14	61	(37 - 119)
Phenol-d5	20	(10 - 110)
2-Fluorophenol	32	(10 - 110)
2,4,6-Tribromophenol	62	(22 - 120)

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111407

GC/MS Semivolatiles

Lot-Sample #...: A7K150199-001	**Work Order #...:** KCATK1CG	**Matrix.....:** WG	
Date Sampled...: 11/14/07 14:45	**Date Received..:** 11/15/07		
Prep Date.....: 11/15/07	**Analysis Date..:** 11/21/07		
Prep Batch #...: 7319301			
Dilution Factor: 5	**Initial Wgt/Vol:** 1050 mL	**Final Wgt/Vol..:** 2 mL	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dioxane	**140**	**50**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	44 DIL	(27 - 111)
2-Fluorobiphenyl	36 DIL	(28 - 110)
Terphenyl-d14	56 DIL	(37 - 119)
Phenol-d5	15 DIL	(10 - 110)
2-Fluorophenol	24 DIL	(10 - 110)
2,4,6-Tribromophenol	44 DIL	(22 - 120)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111507

GC/MS Semivolatiles

Lot-Sample #...: A7K160209-001	Work Order #...: KCE511CG	Matrix.....: WG	
Date Sampled...: 11/15/07 14:45	Date Received..: 11/16/07		
Prep Date.....: 11/17/07	Analysis Date..: 11/20/07		
Prep Batch #...: 7320423			
Dilution Factor: 12.5	Initial Wgt/Vol: 1020 mL	Final Wgt/Vol..: 2 mL	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dioxane	260	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	46 DIL	(27 - 111)
2-Fluorobiphenyl	39 DIL	(28 - 110)
Terphenyl-d14	83 DIL	(37 - 119)
Phenol-d5	43 DIL	(10 - 110)
2-Fluorophenol	34 DIL	(10 - 110)
2,4,6-Tribromophenol	64 DIL	(22 - 120)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

APPENDIX C

SUPPORT DOCUMENTATION

CASE NARRATIVE

7K14155

The following report contains the analytical results for three water samples and three quality control samples submitted to TestAmerica North Canton by Tetra Tech NUS Inc. from the LMC-MIDDLE RIVER Site, project number 112IC001179. The samples were received November 14, 2007, November 15, 2007 and November 16, 2007, according to documented sample acceptance procedures.

This SDG consists of (3) laboratory ID's: A7K140155, A7K150199, and A7K160209.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Patrick J. O'Meara, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 1.7, 4.0, and 4.2°C.

CASE NARRATIVE (continued)

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

2-Chloroethyl vinyl ether cannot be reliably recovered in an acid preserved sample.

GC/MS SEMIVOLATILES

The analytical results met the requirements of the laboratory's QA/QC program.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

No ICP MS Form IX was provided for batch(es) 7323022. The serial dilution was performed on a different sample from the same QC batch(es).

The sample duplicate RPD was outside the acceptance limits for some analytes. The result is less than five times the reporting limit; therefore, no corrective action is required. Refer to the sample duplicate report for RPDS that exceed 20%.

GENERAL CHEMISTRY

The sample duplicate data for batch(es) 7319513 is not included in this report for pH. The batch QC samples, which document the effect of a specific sample matrix on method performance, were not associated with a sample reported in this lot. The data, therefore, has no bearing on the samples reported herein. In order to document compliance with the QC requirement for a sample duplicate per 10 environmental samples, a summary of sample/QC associations has been provided following this case narrative.

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3522 | PAGE 1 OF 1

PROJECT NO: 112LC001179	FACILITY: LMC - Middle River	PROJECT MANAGER: Mike Martin	PHONE NUMBER: 301-528-3022	LABORATORY NAME AND CONTACT: Ken IVRS @ Test America
SAMPLERS (SIGNATURE): Silvino da Luz		FIELD OPERATIONS LEADER: Tony Arandiga	PHONE NUMBER: 301-233-8230	ADDRESS
		CARRIER/WAYBILL NUMBER		CITY, STATE: Baltimore, MD

STANDARD TAT ☒
RUSH TAT ☐ ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2007	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)									
									PRESERVATIVE USED				HCl		HNO3	HNO3	None	None
									TYPE OF ANALYSIS	VOCs	Total Metals	Dissolved Metals	1,4-Dioxane		pH			COMMENTS
11/2	1650	MRC-MW70B-111207	Middle River			GW	G			3	1	1	1		1			Pump Test-2 (2hrs-initial) sampling
11/2	0000	TB-111207	Middle River			GW	G			2								

1. RELINQUISHED BY: Silvino da Luz	DATE 11/13/07	TIME 1500	1. RECEIVED BY	DATE 11-13-07	TIME 1500
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE 11-14-07	TIME 9:40
3. RELINQUISHED BY	DATE 11/13/07	TIME 1600	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TestAmerica North Canton

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[redacted]
(401) 294-5400 Fax (401) 732-3499
email: mitkem@mitkem.com

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

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REPORT TO:			INVOICED TO:		
COMPANY Tetra Tech	PHONE 301-528-3022		COMPANY Tetra Tech	PHONE 301-528-3022	LAB PROJECT #:
NAME Mike Martin	FAX		NAME Mike Martin	FAX	
ADDRESS 20251 Century Blvd., #200			ADDRESS 20251 Century Blvd., #200		TURNAROUND TIME:
CITY/ST/ZIP Germantown, MD 20874			CITY/ST/ZIP Germantown, MD 20874		

CLIENT PROJECT NAME: LHC @ Middle River Aquifer Testing

CLIENT PROJECT #: 112ICO1179

CLIENT P.O.#:

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: VOCs (HCl preserved)	Total Metals (HNO3)	Dissolved Metals (HNO3)	1,4-Dioxane (None)	pH (None)	COMMENTS
MRC-MW 708-111407	11/14/07 0245		X	X					3	1	1	1	1	PUMP TEST-2
TB-111407	11/14/07 000		X	X					2					
	/													
	/													
	/													
	/													
	/													
	/													
	/													
	/													
	/													
	/													

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	L. Halfhill	11-14-07 1500	Lori Lentz	12-14-07 1500		
	J. Sweet	11/14/07 1700	Terry Burns	11/15/07 9:40		
		/		/		

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

TestAmerica North Canton

[redacted]

[redacted]

CHAIN-OF-CUSTODY RECORD

Page ____ of ____

REPORT TO			INVOICE TO			
COMPANY	Tetra Tech	PHONE 301-528-3022	COMPANY	Tetra Tech	PHONE 301-528-3022	LAB PROJECT #:
NAME	Mike Martin	FAX	NAME	Mike Martin	FAX	
ADDRESS	20251 Century Blvd., #200		ADDRESS	20251 Century Blvd., #200		TURNAROUND TIME:
CITY/ST/ZIP	Germantown, MD 20874		CITY/ST/ZIP	Germantown, MD 20874		

CLIENT PROJECT NAME: LMC@Middle River Aquifer Testing

CLIENT PROJECT #: 112IC08179

CLIENT P.O.#:

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: Preserv. / VOCs (HCl) / Total Metals (HNO3) / Dissolved Metals (HNO3) / 1,4-Dioxane (NaOH) / PH (NaOH)	COMMENTS
MRC-MW08B-111507	11/15/07 1445		X	X				3	3 1 1 1 1	Pump Test 2 (last sample-72hrs)
TB-111507	11/15/07 0000		X	X				3	3	
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									
	/									

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	[signature]	11/15/07 1825	[signature]	11/15/07 18:25		
	[signature]	11-15-07 19:20	[signature]	11-16-07 0950		
		/		/		

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

TestAmerica North Canton

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HOLDTIME

SDG: 7K14155

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	MRC-MW70B-111207	A7K140155001	NM	11/12/2007	11/15/2007	11/16/2007	3	1	4
HG	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/16/2007	2	0	2
HG	UG/L	MRC-MW70B-111507	A7K160209001	NM	11/15/2007	11/19/2007	11/20/2007	4	1	5
M	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/17/2007	2	1	3
M	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/19/2007	2	3	5
M	UG/L	MRC-MW70B-111207	A7K140155001	NM	11/12/2007	11/15/2007	11/16/2007	3	1	4
M	UG/L	MRC-MW70B-111507	A7K160209001	NM	11/15/2007	11/19/2007	11/20/2007	4	1	5
HGF	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/16/2007	2	0	2
HGF	UG/L	MRC-MW70B-111507	A7K160209001	NM	11/15/2007	11/19/2007	11/20/2007	4	1	5
HGF	UG/L	MRC-MW70B-111207	A7K140155001	NM	11/12/2007	11/15/2007	11/16/2007	3	1	4
MF	UG/L	MRC-MW70B-111207	A7K140155001	NM	11/12/2007	11/15/2007	11/16/2007	3	1	4
MF	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/17/2007	2	1	3
MF	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/19/2007	2	3	5
MF	UG/L	MRC-MW70B-111507	A7K160209001	NM	11/15/2007	11/19/2007	11/20/2007	4	1	5
PH	NO UN	MRC-MW70B-111207	A7K140155001	NM	11/12/2007	11/14/2007	11/14/2007	2	0	2

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PH	NO UN	MRC-MW70B-111507	A7K160209001	NM	11/15/2007	11/16/2007	11/16/2007	1	0	1
PH	NO UN	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/15/2007	11/15/2007	1	0	1
OS	%	MRC-MW70B-111507DL	A7K160209001	NM	11/15/2007	11/17/2007	11/20/2007	2	3	5
OS	%	MRC-MW70B-111407DL	A7K150199001	NM	11/14/2007	11/15/2007	11/21/2007	1	6	7
OS	%	MRC-MW70B-111207DL	A7K140155001	NM	11/12/2007	11/14/2007	11/19/2007	2	5	7
OS	UG/L	MRC-MW70B-111407DL	A7K150199001	NM	11/14/2007	11/15/2007	11/21/2007	1	6	7
OS	UG/L	MRC-MW70B-111507DL	A7K160209001	NM	11/15/2007	11/17/2007	11/20/2007	2	3	5
OS	UG/L	MRC-MW70B-111207DL	A7K140155001	NM	11/12/2007	11/14/2007	11/19/2007	2	5	7
OV	%	MRC-MW70B-111207DL	A7K140155001	NM	11/12/2007	11/20/2007	11/20/2007	8	0	8
OV	%	MRC-MW70B-111407DL	A7K150199001	NM	11/14/2007	11/21/2007	11/21/2007	7	0	7
OV	%	MRC-MW70B-111507DL	A7K160209001	NM	11/15/2007	11/20/2007	11/20/2007	5	0	5
OV	%	TB-111307	A7K140155002	NM	11/12/2007	11/20/2007	11/20/2007	8	0	8
OV	%	TB-111407	A7K150199002	NM	11/14/2007	11/21/2007	11/21/2007	7	0	7
OV	%	TB-111507	A7K160209002	NM	11/15/2007	11/20/2007	11/20/2007	5	0	5
OV	UG/L	MRC-MW70B-111207DL	A7K140155001	NM	11/12/2007	11/20/2007	11/20/2007	8	0	8
OV	UG/L	MRC-MW70B-111407DL	A7K150199001	NM	11/14/2007	11/21/2007	11/21/2007	7	0	7
OV	UG/L	MRC-MW70B-111507DL	A7K160209001	NM	11/15/2007	11/20/2007	11/20/2007	5	0	5
OV	UG/L	TB-111307	A7K140155002	NM	11/12/2007	11/20/2007	11/20/2007	8	0	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	TB-111407	A7K150199002	NM	11/14/2007	11/21/2007	11/21/2007	7	0	7
OV	UG/L	TB-111507	A7K160209002	NM	11/15/2007	11/20/2007	11/20/2007	5	0	5

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7K14155 **Work Order #...:** KCM2M1AA **Matrix.....:** WATER
MB Lot-Sample #: A7K200000-511

Prep Date.....: 11/20/07 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 11/20/07 **Prep Batch #...:** 7324511
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	5.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
tert-Butyl alcohol	ND	20	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Naphthalene	**0.48 J**	**1.0**	**ug/L**	**SW846 8260B**
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	**0.57 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,4-Trichloro-benzene	**0.31 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7K14155 **Work Order #...:** KCR781AA **Matrix.....:** WATER
MB Lot-Sample #: A7K230000-128

Prep Date.....: 11/21/07 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 11/21/07 **Prep Batch #...:** 7327128
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	5.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	**0.90 J**	**5.0**	**ug/L**	**SW846 8260B**
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
tert-Butyl alcohol	ND	20	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Naphthalene	**0.52 J**	**1.0**	**ug/L**	**SW846 8260B**
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	**0.57 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,4-Trichloro-benzene	**0.27 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K14155

Lab File ID: BFB2408 BFB Injection Date: 10/03/07

Instrument ID: A3UX10 BFB Injection Time: 1016

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.5
75	30.0 - 60.0% of mass 95	46.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.2 (0.2)1
174	50.0 - 100.0% of mass 95	97.7
175	5.0 - 9.0% of mass 174	7.1 (7.3)1
176	Greater than 95.0%, but less than 101.0% of mass 174	95.8 (98.1)1
177	5.0 - 9.0% of mass 176	6.3 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD040	200NG-IC	UXX7108	10/03/07	1041
02	VSTD020	100NG-IC	UXX7109	10/03/07	1103
03	VSTD010	50NG-IC	UXX7110	10/03/07	1125
04	VSTD005	25NG-IC	UXX7111	10/03/07	1148
05	VSTD002	10NG-IC	UXX7112	10/03/07	1210
06	VSTD001	5NG-IC	UXX7113	10/03/07	1232
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Report Date : 03-Oct-2007 12:07

STL Inc North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 24-AUG-2007 18:07
End Cal Date : 03-OCT-2007 12:32
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71003A-IC.b\8260LLUX10.m
Last Edit : 03-Oct-2007 12:48 quayler
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7040.D
Level 2: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7039.D
Level 3: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7038.D
Level 4: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7037.D
Level 5: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7036.D
Level 6: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7035.D

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD
8	Dichlorodifluoromethane	0.19727	0.19341	0.19404	0.18946	0.20809	0.20081	0.19718	3.333
9	Chloromethane	0.28290	0.26735	0.24358	0.24157	0.26193	0.25096	0.25805	6.129
10	Vinyl Chloride	0.27407	0.26754	0.25878	0.25102	0.26650	0.25355	0.26191	3.412
11	Bromomethane	0.13569	0.13933	0.12037	0.11115	0.13413	0.13238	0.12884	8.375
12	Chloroethane	0.16778	0.16816	0.15803	0.14844	0.16766	0.16287	0.16216	4.807
13	Trichlorofluoromethane	0.21689	0.21410	0.20330	0.19876	0.24323	0.24481	0.22018	8.923
14	Dichlorofluoromethane	0.39658	0.46399	0.43907	0.40412	0.41293	0.40937	0.42101	6.062
15	Acrolein	0.02139	0.02300	0.02249	0.02538	0.02482	0.02503	0.02369	6.848
16	Acetone	0.10315	0.07645	0.06009	0.06847	0.06208	0.05462	0.07081	24.757
17	1,1-Dichloroethene	0.22736	0.22491	0.21897	0.22155	0.23159	0.23367	0.22634	2.512
18	Freon-113	0.19429	0.17919	0.18332	0.17965	0.19657	0.19563	0.18811	4.388
19	Iodomethane	0.39217	0.37711	0.37404	0.37551	0.39983	0.39792	0.38610	3.072
20	Carbon Disulfide	0.70234	0.65684	0.63341	0.63879	0.69021	0.69259	0.66903	4.457
21	Methylene Chloride	0.36502	0.30204	0.26068	0.25358	0.25078	0.24751	0.27993	16.521
22	Acetonitrile	0.01484	0.01495	0.01570	0.01749	0.01606	0.01499	0.01567	6.472
23	Acrylonitrile	0.07575	0.07734	0.08256	0.08616	0.08572	0.08300	0.08176	5.271
24	Methyl tert-butyl ether	0.64848	0.63417	0.65676	0.67517	0.68588	0.68804	0.66475	3.269
25	trans-1,2-Dichloroethene	0.25688	0.25634	0.24783	0.24924	0.26409	0.26238	0.25613	2.587
26	Hexane	0.06453	0.05830	0.06047	0.06186	0.06489	0.06650	0.06276	4.919
27	Vinyl acetate	0.30446	0.31713	0.32952	0.34801	0.37904	0.37840	0.34276	9.145
28	1,1-Dichloroethane	0.38924	0.39172	0.39699	0.39781	0.40864	0.41007	0.39908	2.153
29	tert-Butyl Alcohol	0.01268	0.01244	0.01358	0.01589	0.01381	0.01235	0.01346	9.915
30	2-Butanone	0.10037	0.09328	0.09066	0.09858	0.09583	0.09270	0.09524	3.902
M 31	1,2-Dichloroethene (total)	0.25799	0.25760	0.25413	0.25559	0.26641	0.26473	0.25941	1.928
32	cis-1,2-dichloroethene	0.25909	0.25886	0.26042	0.26195	0.26872	0.26708	0.26269	1.607
33	2,2-Dichloropropane	0.21330	0.21448	0.22219	0.22930	0.24934	0.24398	0.22876	6.606
34	Bromochloromethane	0.12701	0.12531	0.13073	0.13357	0.13625	0.13500	0.13131	3.371
35	Chloroform	0.39757	0.39589	0.40058	0.40201	0.41030	0.40521	0.40193	1.308

5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K14155

Lab File ID: BFB2457 BFB Injection Date: 11/20/07

Instrument ID: A3UX10 BFB Injection Time: 0952

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	50.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 100.0% of mass 95	92.4
175	5.0 - 9.0% of mass 174	7.4 (8.0)1
176	Greater than 95.0%, but less than 101.0% of mass 174	90.3 (97.8)1
177	5.0 - 9.0% of mass 176	5.7 (6.3)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	50NG-CC	UXX8446	11/20/07	1022
02	VSTD010	50NG-A9CC	UXX8447	11/20/07	1043
03	KCM2M-CHK	KCM2M1AC	UXX8448	11/20/07	1105
04	KCM2M-CKDUP	KCM2M1AD	UXX8449	11/20/07	1127
05	KCM2M-BLK	KCM2M1AA	UXX8450	11/20/07	1149
06	MRC-MW70B-11	KA71H1CF	UXX8456	11/20/07	1400
07	MRC-MW70B-11	KCE511CF	UXX8460	11/20/07	1528
08	TB-111507	KCE7K1AA	UXX8461	11/20/07	1552
09	TB-111307	KA71N1AA	UXX8463	11/20/07	1635
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22					

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71120A.b\UXX8446.D
Report Date: 20-Nov-2007 11:01

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 20-NOV-2007 10:22
Lab File ID: UXX8446.D Init. Cal. Date(s): 24-AUG-2007 03-OCT-2007
Analysis Type: WATER Init. Cal. Times: 18:07 12:32
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71120A.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 4 Dibromofluoromethane	0.22575	0.22511	0.22511	0.010	0.28228	50.00000	Averaged	
$ 5 1,2-Dichloroethane-d4	0.26034	0.26183	0.26183	0.010	-0.57139	50.00000	Averaged	
$ 6 Toluene-d8	1.21891	1.04999	1.04999	0.010	13.85875	50.00000	Averaged	
$ 7 Bromofluorobenzene	0.44483	0.40140	0.40140	0.010	9.76160	50.00000	Averaged	
8 Dichlorodifluoromethane	0.19718	0.20140	0.20140	0.010	-2.14057	50.00000	Averaged	
9 Chloromethane	0.25805	0.23481	0.23481	0.100	9.00721	50.00000	Averaged	
10 Vinyl Chloride	0.26191	0.23989	0.23989	0.010	8.40854	20.00000	Averaged	
11 Bromomethane	0.12884	0.14689	0.14689	0.010	-14.00544	50.00000	Averaged	
12 Chloroethane	0.16216	0.16211	0.16211	0.010	0.02816	50.00000	Averaged	
13 Trichlorofluoromethane	0.22018	0.21367	0.21367	0.010	2.95614	50.00000	Averaged	
15 Acrolein	0.02369	0.00662	0.00662	0.010	72.06690	50.00000	Averaged	<-
16 Acetone	100	93.37914	0.05743	0.010	6.62086	0.000e+000	Wt Linear	
17 1,1-Dichloroethene	0.22634	0.20235	0.20235	0.010	10.60034	20.00000	Averaged	
18 Freon-113	0.18811	0.17852	0.17852	0.010	5.09623	50.00000	Averaged	
19 Iodomethane	0.38610	0.36894	0.36894	0.010	4.44402	50.00000	Averaged	
20 Carbon Disulfide	0.66903	0.56665	0.56665	0.010	15.30226	50.00000	Averaged	
21 Methylene Chloride	50.00000	43.80073	0.22528	0.010	12.39853	0.000e+000	Wt Linear	
22 Acetonitrile	0.01567	0.02215	0.02215	0.010	-41.35417	50.00000	Averaged	
23 Acrylonitrile	0.08176	0.06744	0.06744	0.010	17.50749	50.00000	Averaged	
24 Methyl tert-butyl ether	0.66475	0.55750	0.55750	0.010	16.13464	50.00000	Averaged	
25 trans-1,2-Dichloroethene	0.25613	0.22680	0.22680	0.010	11.45007	50.00000	Averaged	
26 Hexane	0.06276	0.05466	0.05466	0.010	12.90892	20.00000	Averaged	
27 Vinyl acetate	0.34276	0.20004	0.20004	0.010	41.63696	50.00000	Averaged	
28 1,1-Dichloroethane	0.39908	0.38031	0.38031	0.100	4.70350	50.00000	Averaged	
29 tert-Butyl Alcohol	0.01346	0.01467	0.01467	0.010	-8.99763	50.00000	Averaged	
30 2-Butanone	0.09524	0.08905	0.08905	0.010	6.49692	50.00000	Averaged	
M 31 1,2-Dichloroethene (total)	0.25941	0.23936	0.23936	0.010	7.72647	50.00000	Averaged	
32 cis-1,2-dichloroethene	0.26269	0.25193	0.25193	0.010	4.09588	50.00000	Averaged	
33 2,2-Dichloropropane	0.22876	0.21318	0.21318	0.010	6.81422	50.00000	Averaged	
34 Bromochloromethane	0.13131	0.13962	0.13962	0.010	-6.32766	50.00000	Averaged	
35 Chloroform	0.40193	0.40308	0.40308	0.010	-0.28719	20.00000	Averaged	
36 Tetrahydrofuran	0.06046	0.05063	0.05063	0.010	16.24690	50.00000	Averaged	
37 1,1,1-Trichloroethane	0.31317	0.31694	0.31694	0.010	-1.20471	50.00000	Averaged	
38 1,1-Dichloropropene	0.32316	0.29942	0.29942	0.010	7.34603	50.00000	Averaged	
39 Carbon Tetrachloride	0.26169	0.27335	0.27335	0.010	-4.45460	50.00000	Averaged	
40 1,2-Dichloroethane	0.30799	0.30418	0.30418	0.010	1.23642	50.00000	Averaged	
41 Benzene	1.01432	0.93241	0.93241	0.010	8.07482	50.00000	Averaged	
42 Trichloroethene	0.28313	0.28665	0.28665	0.010	-1.24384	50.00000	Averaged	
43 1,2-Dichloropropane	0.22101	0.20741	0.20741	0.010	6.15402	20.00000	Averaged	
44 1,4-Dioxane	2500	3813	0.00217	0.010	-52.52044	0.000e+000	Linear	<-
45 Dibromomethane	0.13409	0.14009	0.14009	0.010	-4.47518	50.00000	Averaged	
46 Bromodichloromethane	0.28239	0.28516	0.28516	0.010	-0.98137	50.00000	Averaged	
47 2-Chloroethyl vinyl ether	0.12951	0.12223	0.12223	0.010	5.61777	50.00000	Averaged	

5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K14155

Lab File ID: BFB2459 BFB Injection Date: 11/21/07

Instrument ID: A3UX10 BFB Injection Time: 1000

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.4
75	30.0 - 60.0% of mass 95	50.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (0.6)1
174	50.0 - 100.0% of mass 95	93.6
175	5.0 - 9.0% of mass 174	7.3 (7.8)1
176	Greater than 95.0%, but less than 101.0% of mass 174	89.4 (95.6)1
177	5.0 - 9.0% of mass 176	6.2 (6.9)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	50NG-CC	UXX8501	11/21/07	1025
02	VSTD010	50NG-A9CC	UXX8502	11/21/07	1047
03	KCR78-CHK	KCR781AC	UXX8503	11/21/07	1109
04	KCR78-CKDUP	KCR781AD	UXX8504	11/21/07	1131
05	KCR78-BLK	KCR781AA	UXX8505	11/21/07	1153
06	TB-111407	KCATV1AA	UXX8525	11/21/07	1935
07	MRC-MW70B-11	KCATK1CF	UXX8530	11/21/07	2125
08					
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Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71121A.b\UXX8501.D
Report Date: 21-Nov-2007 11:17

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 21-NOV-2007 10:25
Lab File ID: UXX8501.D Init. Cal. Date(s): 24-AUG-2007 03-OCT-2007
Analysis Type: WATER Init. Cal. Times: 18:07 12:32
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71121A.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 4 Dibromofluoromethane	0.22575	0.21644	0.21644	0.010	4.12546	50.00000	Averaged
$ 5 1,2-Dichloroethane-d4	0.26034	0.24239	0.24239	0.010	6.89339	50.00000	Averaged
$ 6 Toluene-d8	1.21891	1.04633	1.04633	0.010	14.15835	50.00000	Averaged
$ 7 Bromofluorobenzene	0.44483	0.39787	0.39787	0.010	10.55615	50.00000	Averaged
8 Dichlorodifluoromethane	0.19718	0.18837	0.18837	0.010	4.46631	50.00000	Averaged
9 Chloromethane	0.25805	0.21506	0.21506	0.100	16.66072	50.00000	Averaged
10 Vinyl Chloride	0.26191	0.22291	0.22291	0.010	14.88832	20.00000	Averaged
11 Bromomethane	0.12884	0.13605	0.13605	0.010	-5.59272	50.00000	Averaged
12 Chloroethane	0.16216	0.15745	0.15745	0.010	2.90432	50.00000	Averaged
13 Trichlorofluoromethane	0.22018	0.21928	0.21928	0.010	0.41037	50.00000	Averaged
15 Acrolein	0.02369	0.00478	0.00478	0.010	79.81924	50.00000	Averaged <-
16 Acetone	100	85.28791	0.05285	0.010	14.71209	0.000e+000	Wt Linear
17 1,1-Dichloroethene	0.22634	0.19390	0.19390	0.010	14.33345	20.00000	Averaged
18 Freon-113	0.18811	0.16577	0.16577	0.010	11.87366	50.00000	Averaged
19 Iodomethane	0.38610	0.34672	0.34672	0.010	10.19736	50.00000	Averaged
20 Carbon Disulfide	0.66903	0.60228	0.60228	0.010	9.97781	50.00000	Averaged
21 Methylene Chloride	50.00000	41.67087	0.21488	0.010	16.65825	0.000e+000	Wt Linear
22 Acetonitrile	0.01567	0.01922	0.01922	0.010	-22.65956	50.00000	Averaged
23 Acrylonitrile	0.08176	0.06475	0.06475	0.010	20.80447	50.00000	Averaged
24 Methyl tert-butyl ether	0.66475	0.57623	0.57623	0.010	13.31614	50.00000	Averaged
25 trans-1,2-Dichloroethene	0.25613	0.22728	0.22728	0.010	11.26315	50.00000	Averaged
26 Hexane	0.06276	0.05025	0.05025	0.010	19.92199	20.00000	Averaged
27 Vinyl acetate	0.34276	0.20831	0.20831	0.010	39.22669	50.00000	Averaged
28 1,1-Dichloroethane	0.39908	0.37481	0.37481	0.100	6.08198	50.00000	Averaged
29 tert-Butyl Alcohol	0.01346	0.01489	0.01489	0.010	-10.67476	50.00000	Averaged
30 2-Butanone	0.09524	0.08689	0.08689	0.010	8.76517	50.00000	Averaged
M 31 1,2-Dichloroethene (total)	0.25941	0.24114	0.24114	0.010	7.04235	50.00000	Averaged
32 cis-1,2-dichloroethene	0.26269	0.25500	0.25500	0.010	2.92695	50.00000	Averaged
33 2,2-Dichloropropane	0.22876	0.21201	0.21201	0.010	7.32356	50.00000	Averaged
34 Bromochloromethane	0.13131	0.13518	0.13518	0.010	-2.94664	50.00000	Averaged
35 Chloroform	0.40193	0.38891	0.38891	0.010	3.23862	20.00000	Averaged
36 Tetrahydrofuran	0.06046	0.05872	0.05872	0.010	2.86941	50.00000	Averaged
37 1,1,1-Trichloroethane	0.31317	0.31428	0.31428	0.010	-0.35502	50.00000	Averaged
38 1,1-Dichloropropene	0.32316	0.29270	0.29270	0.010	9.42422	50.00000	Averaged
39 Carbon Tetrachloride	0.26169	0.25553	0.25553	0.010	2.35370	50.00000	Averaged
40 1,2-Dichloroethane	0.30799	0.29978	0.29978	0.010	2.66699	50.00000	Averaged
41 Benzene	1.01432	0.90687	0.90687	0.010	10.59295	50.00000	Averaged
42 Trichloroethene	0.28313	0.28199	0.28199	0.010	0.40296	50.00000	Averaged
43 1,2-Dichloropropane	0.22101	0.20886	0.20886	0.010	5.49918	20.00000	Averaged
44 1,4-Dioxane	2500	3515	0.00200	0.010	-40.60871	0.000e+000	Linear <-
45 Dibromomethane	0.13409	0.13749	0.13749	0.010	-2.53327	50.00000	Averaged
46 Bromodichloromethane	0.28239	0.28900	0.28900	0.010	-2.34302	50.00000	Averaged
47 2-Chloroethyl vinyl ether	0.12951	0.11252	0.11252	0.010	13.11847	50.00000	Averaged

CALCULATION WORKSHEET

CLIENT: MARTIN STATE AIRPORT	**SDG No.** 7K14155
SUBJECT: EXAMPLE CALCULATION - VOCS - WATER	
BY: T. JACKMAN	**DATE:** 02/20/08

Sample MW-70B-111207
Concentration = 4400 ug/L

Trichloroethene

EQUATION:

$$C_w = \frac{A_x \times Is \times Df}{Ais \times RRF \times V_o}$$

Where:

C_w	=	analyte concentration in water		ug/L
A_x	=	analyte response	= 1451587	
Is	=	amount of internal standard	= 50	ng
Df	=	dilution factor	= 142.86	
Ais	=	response of internal standard	= 1680266	
RRF	=	response factor of compound	= 0.28313	
Vo	=	volume of water purged	= 5	mL

Therefore: the concentration of trichloroethene in water =

$$\frac{1451587 \times 50ng \times 142.86}{1680266 \times 0.28313 \times 5mL}$$

C_w = 4359.0 ug/L

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111207

GC/MS Volatiles

Lot-Sample #...: A7K140155-001 **Work Order #...:** KA71H1CF **Matrix.....:** WG
Date Sampled...: 11/12/07 16:50 **Date Received..:** 11/14/07
Prep Date.....: 11/20/07 **Analysis Date..:** 11/20/07
Prep Batch #...: 7324511
Dilution Factor: 142.86 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromobenzene	ND	140	ug/L
Bromochloromethane	ND	140	ug/L
2-Chloroethyl vinyl ether	ND	710	ug/L
2-Butanone	ND	710	ug/L
Xylenes (total)	ND	290	ug/L
1,2,3-Trichloropropane	ND	140	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	140	ug/L
cis-1,2-Dichloroethene	**150**	**140**	**ug/L**
trans-1,2-Dichloroethene	ND	140	ug/L
o-Xylene	ND	140	ug/L
m-Xylene & p-Xylene	ND	290	ug/L
Isopropylbenzene	ND	140	ug/L
1,2-Dibromo-3-chloro-propane	ND	290	ug/L
Dichlorodifluoromethane	ND	140	ug/L
Trichlorofluoromethane	ND	140	ug/L
Acetone	ND	710	ug/L
Bromodichloromethane	ND	140	ug/L
n-Butylbenzene	ND	140	ug/L
sec-Butylbenzene	ND	140	ug/L
tert-Butylbenzene	ND	140	ug/L
Carbon disulfide	ND	140	ug/L
Dibromochloromethane	ND	140	ug/L
2-Chlorotoluene	ND	140	ug/L
4-Chlorotoluene	ND	140	ug/L
1,2-Dibromoethane	ND	140	ug/L
Dibromomethane	ND	140	ug/L
1,2-Dichlorobenzene	ND	140	ug/L
1,3-Dichlorobenzene	ND	140	ug/L
1,4-Dichlorobenzene	ND	140	ug/L
1,3-Dichloropropane	ND	140	ug/L
2,2-Dichloropropane	ND	140	ug/L
1,1-Dichloropropene	ND	140	ug/L
Hexachlorobutadiene	ND	140	ug/L
2-Hexanone	ND	710	ug/L
p-Isopropyltoluene	ND	140	ug/L
tert-Butyl alcohol	ND	2900	ug/L

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111207

GC/MS Volatiles

Lot-Sample #...: A7K140155-001 Work Order #...: KA71H1CF Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Methyl-2-pentanone	ND	710	ug/L
Naphthalene	ND	140	ug/L
n-Propylbenzene	ND	140	ug/L
Styrene	ND	140	ug/L
1,1,1,2-Tetrachloroethane	ND	140	ug/L
1,2,3-Trichlorobenzene	ND	140	ug/L
1,2,4-Trichloro-benzene	ND	140	ug/L
1,2,4-Trimethylbenzene	ND	140	ug/L
Vinyl acetate	ND	290	ug/L
1,2,3-Trimethylbenzene	ND	710	ug/L
Diisopropyl Ether (DIPE)	ND	710	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	710	ug/L
Tert-amyl methyl ether (TAME)	ND	710	ug/L
Methyl tert-butyl ether	ND	710	ug/L
Benzene	ND	140	ug/L
Bromoform	ND	140	ug/L
Bromomethane	ND	140	ug/L
Carbon tetrachloride	ND	140	ug/L
Chlorobenzene	ND	140	ug/L
Chloroethane	ND	140	ug/L
Chloroform	ND	140	ug/L
Chloromethane	ND	140	ug/L
1,1-Dichloroethane	**97 J**	**140**	**ug/L**
1,2-Dichloroethane	ND	140	ug/L
1,1-Dichloroethene	**830**	**140**	**ug/L**
1,2-Dichloropropane	ND	140	ug/L
cis-1,3-Dichloropropene	ND	140	ug/L
trans-1,3-Dichloropropene	ND	140	ug/L
Ethylbenzene	ND	140	ug/L
Methylene chloride	ND	140	ug/L
1,1,2,2-Tetrachloroethane	ND	140	ug/L
Tetrachloroethene	ND	140	ug/L
Toluene	ND	140	ug/L
1,1,1-Trichloroethane	**33 J**	**140**	**ug/L**
Trichloroethene	**4400**	**140**	**ug/L**
Vinyl chloride	ND	140	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d8	81	(76 - 110)
4-Bromofluorobenzene	81	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71120A.b\UXX8456.D
Report Date: 20-Nov-2007 15:18

STL Inc North Canton

VOLATILE REPORT SW-846 Method

Data file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71120A.b\UXX8456.D
Lab Smp Id: KA71H1CF Client Smp ID: MRC-MW70B-111207
Inj Date : 20-NOV-2007 14:00
Operator : 1904 Inst ID: a3ux10.i
Smp Info : KA71H1CF,0.035ML/5ML
Misc Info : P71120A,8260LLUX10,,1904
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux10.i\P71120A.b\8260LLUX10.m
Meth Date : 20-Nov-2007 11:01 a3ux10.i Quant Type: ISTD
Cal Date : 01-OCT-2007 11:39 Cal File: UXX7037.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	0.03500	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.383	5.372	(1.000)	1680266	50.0000	
* 2 Chlorobenzene-d5	117	8.069	8.070	(1.000)	1409557	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.330	10.330	(1.000)	749924	50.0000	
$ 4 Dibromofluoromethane	113	4.804	4.804	(0.892)	382813	50.4608	1441.7
$ 5 1,2-Dichloroethane-d4	65	5.088	5.088	(0.945)	421767	48.2088	1377.4
$ 6 Toluene-d8	98	6.744	6.744	(0.836)	1399891	40.7389	1164.0
$ 7 Bromofluorobenzene	95	9.194	9.194	(1.139)	506227	40.3686	1153.4
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	Compound Not Detected.					
17 1,1-Dichloroethene	96	2.922	2.922	(0.543)	220982	29.0530	830.08
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71120A.b\UXX8456.D
Report Date: 20-Nov-2007 15:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	3.916	3.916	(0.727)	45555	3.39680	97.051
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96				47631	5.39564	154.16
	32 cis-1,2-dichloroethene	96	4.401	4.402	(0.818)	47631	5.39564	154.16
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	4.650	4.650	(0.864)	4634	2.28090	65.168
	37 1,1,1-Trichloroethane	97	4.839	4.839	(0.899)	12274	1.16626	33.322
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	5.691	5.691	(1.057)	1451587	152.565	4359.0
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

Report Date : 03-Oct-2007 12:07

STL Inc North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 24-AUG-2007 18:07
End Cal Date : 03-OCT-2007 12:32
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71003A-IC.b\8260LLUX10.m
Last Edit : 03-Oct-2007 12:48 quayler
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
36	Tetrahydrofuran	0.06275	0.05363	0.06109	0.06479	0.06150	0.05898	0.06046	6.377	
37	1,1,1-Trichloroethane	0.30626	0.30327	0.31156	0.30825	0.32522	0.32447	0.31317	3.014	
38	1,1-Dichloropropene	0.31940	0.31913	0.31559	0.31949	0.33608	0.32924	0.32316	2.418	
39	Carbon Tetrachloride	0.24903	0.24429	0.24759	0.25907	0.28215	0.28805	0.26169	7.214	
40	1,2-Dichloroethane	0.31695	0.29921	0.30301	0.31153	0.30919	0.30804	0.30799	2.034	
41	Benzene	1.03661	1.00300	0.99398	1.01496	1.01715	1.02021	1.01332	1.450	
42	Trichloroethene	0.28810	0.27551	0.27697	0.27993	0.28885	0.28941	0.28313	2.251	
43	1,2-Dichloropropane	0.21324	0.21497	0.21722	0.22462	0.22640	0.22962	0.22101	3.051	
44	1,4-Dioxane	0.00077	0.00102	0.00101	0.00170	0.00153	0.00139	0.00124	29.060	<-
45	Dibromomethane	0.13558	0.12550	0.13354	0.13672	0.13726	0.13595	0.13409	3.281	
46	Bromodichloromethane	0.27037	0.26031	0.27793	0.28685	0.29716	0.30171	0.28239	5.629	
47	2-Chloroethyl vinyl ether	0.11653	0.12061	0.12620	0.13529	0.13845	0.13995	0.12951	7.573	
48	cis-1,3-Dichloropropene	0.27811	0.28828	0.30969	0.33759	0.35438	0.36642	0.32241	11.165	
49	4-Methyl-2-pentanone	0.17139	0.17259	0.19024	0.19467	0.19586	0.19067	0.18590	5.921	
50	Toluene	1.38223	1.39676	1.40151	1.43431	1.46800	1.47833	1.42685	2.792	
51	trans-1,3-Dichloropropene	0.29203	0.30410	0.34185	0.37113	0.39908	0.41615	0.35406	14.216	
52	Ethyl Methacrylate	0.28993	0.30827	0.35307	0.37466	0.38956	0.40201	0.35292	12.789	
53	1,1,2-Trichloroethane	0.26686	0.25840	0.26889	0.27836	0.27728	0.26998	0.26996	2.716	
54	1,3-Dichloropropane	0.45663	0.45316	0.46768	0.48872	0.49215	0.48976	0.47468	3.730	
55	Tetrachloroethene	0.32472	0.31225	0.31478	0.30663	0.32812	0.32747	0.31899	2.818	
56	2-Hexanone	0.14774	0.16164	0.17989	0.17768	0.17835	0.17429	0.16993	7.491	
57	Dibromochloromethane	0.23910	0.23839	0.26678	0.28055	0.30256	0.30906	0.27274	11.140	
58	1,2-Dibromoethane	0.25955	0.25735	0.26857	0.28144	0.29012	0.28643	0.27391	5.125	
59	Chlorobenzene	0.95424	0.94123	0.92753	0.94555	0.95993	0.95941	0.94798	1.320	
60	1,1,1,2-Tetrachloroethane	0.26114	0.26721	0.28310	0.30019	0.32234	0.32188	0.29264	9.071	
61	Ethylbenzene	0.48603	0.47101	0.49427	0.50605	0.52399	0.51401	0.49923	3.877	
62	m + p-Xylene	0.61440	0.61815	0.61978	0.63755	0.65592	0.65532	0.63352	2.981	
M 63	Xylenes (total)	0.61521	0.61397	0.62245	0.63565	0.65482	0.64990	0.63200	2.788	
64	Xylene-o	0.61683	0.60558	0.62781	0.63186	0.65264	0.63905	0.62896	2.628	
65	Styrene	0.99512	0.99124	1.02254	1.07277	1.09146	1.09330	1.04440	4.520	
66	Bromoform	0.14044	0.15258	0.17172	0.18485	0.20131	0.20854	0.17658	15.212	
67	Isopropylbenzene	1.40391	1.40417	1.44928	1.47834	1.54164	1.52337	1.46679	3.989	
68	1,1,2,2-Tetrachloroethane	0.62990	0.59575	0.62939	0.65038	0.65802	0.63990	0.63389	3.442	
69	1,4-Dichloro-2-butene	0.07338	0.08984	0.10235	0.11351	0.13039	0.13543	0.10748	22.185	
70	1,2,3-Trichloropropane	0.18604	0.19921	0.19030	0.20757	0.20084	0.19856	0.19708	3.921	
71	Bromobenzene	0.74651	0.75070	0.75737	0.77802	0.79675	0.79171	0.77018	2.806	

CALCULATION WORKSHEET **Page 1 of 1**

CLIENT: MARTIN STATE AIRPORT	**SDG No.** 7K14155
SUBJECT: EXAMPLE CALCULATION - 1,4-DIOXANE IN WATER	
BY: T. JACKMAN	**DATE:** 02/20/08

Sample ID = MW-70B-111207
Concentration = 160 ug/L

EQUATION:

$$C_w = \frac{A_x \times Is \times V_t \times Df}{A_{is} \times RRF \times V_o \times V_i}$$

Where:

C_w	=	analyte concentration in water		ug/l
A_x	=	analyte response	= 373492	
Is	=	amount of internal standard	= 2	ng
V_t	=	volume of final extract	= 0.002	L
Df	=	dilution factor	= 6.667	
A_{is}	=	response of internal standard	= 152220	
RRF	=	response factor of analyte	= 0.81508	
V_o	=	sample volume	= 1	L
V_i	=	volume injected	= 0.5	uL

Therefore: 1,4-dioxane concentration in water =

$$\frac{373492 \times 2ng \times 0.002L \times 6.667}{152220 \times 0.81508 \times 1L \times 0.5uL}$$

C_w = 0.1606 ng/ul

C_w = **160.6** **ug/L**

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111207

GC/MS Semivolatiles

Lot-Sample #...: A7K140155-001 Work Order #...: KA71H1CG Matrix.....: WG
Date Sampled...: 11/12/07 16:50 Date Received..: 11/14/07
Prep Date.....: 11/14/07 Analysis Date..: 11/19/07
Prep Batch #...: 7318281
Dilution Factor: 6.66 Initial Wgt/Vol: 1000 mL Final Wgt/Vol..: 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dioxane	160	67	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
2-Fluorobiphenyl	46	(28 - 110)
Terphenyl-d14	61	(37 - 119)
Phenol-d5	20	(10 - 110)
2-Fluorophenol	32	(10 - 110)
2,4,6-Tribromophenol	62	(22 - 120)

TestAmerica North Canton

Semivolatile REPORT SW-846 Method 8270

Data file : \\cansvr11\dd\chem\MSS\a4hp8.i\71119a.b\KA71H1CG.D
Lab Smp Id: ka71h1cg Client Smp ID: MRC-MW70B-111207
Inj Date : 19-NOV-2007 21:42
Operator : 001710 Inst ID: a4hp8.i
Smp Info : ka71h1cg,71119a.b,8270p,1-4diox.sub
Misc Info :
Comment :
Method : \\cansvr11\dd\chem\MSS\a4hp8.i\71119a.b\8270P.m
Meth Date : 21-Nov-2007 15:33 gruberj Quant Type: ISTD
Cal Date : 14-NOV-2007 16:50 Cal File: 8AL1114.D
Als bottle: 32
Dil Factor: 6.66700
Integrator: HP RTE Compound Sublist: 1-4diox.sub
Target Version: 4.14
Processing Host: CANPMSSV01

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	6.667	Dilution Factor
Uf	1.000	ng/unit correction factor
Vt	2000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	0.50000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	FINAL (ug/L)	
* 1 1,4-Dichlorobenzene-d4	152	3.522	3.524	(1.000)	152220	2.00000		(Q)
* 2 Naphthalene-d8	136	4.411	4.413	(1.000)	656301	2.00000		
* 3 Acenaphthene-d10	164	5.676	5.678	(1.000)	362029	2.00000		
* 4 Phenanthrene-d10	188	6.758	6.760	(1.000)	649126	2.00000		
* 5 Chrysene-d12	240	8.744	8.741	(1.000)	609321	2.00000		
* 6 Perylene-d12	264	10.196	10.184	(1.000)	552411	2.00000		
198 1,4-Dioxane	88	1.723	1.725	(0.489)	373492	6.02057	160.56	
$ 154 Nitrobenzene-d5	82	3.897	3.899	(0.883)	75751	0.42848	11.427	
$ 155 2-Fluorobiphenyl	172	5.166	5.168	(0.910)	77652	0.34766	9.2713	
$ 156 Terphenyl-d14	244	7.903	7.904	(0.904)	117991	0.45722	12.193	
$ 157 Phenol-d5	99	3.253	3.230	(0.924)	33475	0.22059	5.8827	
$ 158 2-Fluorophenol	112	2.666	2.653	(0.757)	36907	0.36035	9.6098	
$ 159 2,4,6-Tribromophenol	330	6.248	6.250	(1.101)	14868	0.69730	18.596	
$ 186 2-Chlorophenol-d4	132	3.373	3.370	(0.958)	55535	0.56670	15.113	
$ 187 1,2-Dichlorobenzene-d4	152	3.628	3.629	(1.030)	19117	0.30863	8.2306	

QC Flag Legend

CKMV
11/15/07

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 14-NOV-2007 10:57
End Cal Date : 14-NOV-2007 16:50
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4hp8.i\71114a.b\8270P.m
Last Edit : 14-Nov-2007 16:32 gruberj
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSS\a4hp8.i\71114a.b\8SLL1114.D
Level 2: \\cansvr11\dd\chem\MSS\a4hp8.i\71114a.b\8AL1114.D
Level 3: \\cansvr11\dd\chem\MSS\a4hp8.i\71114a.b\8AML1114.D
Level 4: \\cansvr11\dd\chem\MSS\a4hp8.i\71114a.b\8AM1114.D
Level 5: \\cansvr11\dd\chem\MSS\a4hp8.i\71114a.b\8AMM1114.D
Level 6: \\cansvr11\dd\chem\MSS\a4hp8.i\71114a.b\8AMH1114.D
Level 7: \\cansvr11\dd\chem\MSS\a4hp8.i\71114a.b\8AH1114.D
Level 8: \\cansvr11\dd\chem\MSS\a4hp8.i\71114a.b\8AHH1114.D
Level 9: \\cansvr11\dd\chem\MSS\a4hp8.i\71114a.b\8AHHH114.D

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
198 1,4-Dioxane	+++++	0.85327	0.79316	0.78747	0.78548	0.77264			
	0.86856	0.75809	0.90200				0.81508	6.399	<-
7 N-Nitrosomorpholine	+++++	0.86792	0.89435	0.89377	0.92655	0.96106			
	1.01067	0.98973	1.09917				0.95540	8.005	<-
8 Ethyl methanesulfonate	+++++	0.68523	0.72344	0.70194	0.72440	0.75986			
	0.75145	0.72636	0.80175				0.73430	4.946	<-
9 Pyridine	+++++	1.93170	1.93844	1.97652	1.97318	2.07052			
	2.24206	2.09622	2.38728				2.07699	7.830	<-
10 N-Nitrosodimethylamine	+++++	1.22244	1.26769	1.30253	1.22291	1.27602			
	1.36408	1.26679	1.42452				1.29337	5.384	<-
11 Ethyl methacrylate	+++++	1.92137	1.92850	1.91908	1.83644	1.92723			
	2.05124	1.89744	2.18884				1.95877	5.629	<-
12 3-Chloropropionitrile	+++++	0.61273	0.57567	0.63150	0.62940	0.63763			
	0.63821	0.60191	0.68356				0.62633	5.023	<-
13 Malononitrile	+++++	1.99985	1.98014	2.01620	1.92833	2.04783			
	2.04037	1.87685	2.06573				1.99441	3.224	<-

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**M.MARTIN**	**DATE:**	**FEBRUARY 21, 2008**
FROM:	**TERRI L. SOLOMON**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – SELECT TOTAL AND DISSOLVED METALS, pH**
LOCKHEED MARTIN MIDDLE RIVER
SAMPLE DELIVERY GROUP (SDG) – 7K14155

SAMPLES: 3/Aqueous/

MRC-MW70B-111207 MRC-MW70B-111407
MRC-MW70B-111507

Overview

The sample set for Lockheed Martin Middle River, SDG 7K14155, consists of three (3) aqueous environmental samples. No field duplicate pairs were included within this SDG.

All samples were analyzed for select total and dissolved metals including antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium and zinc and pH. The samples were collected by Tetra Tech NUS on November 12, 14 and 15, 2007 and analyzed by Test America. Metals analyses were conducted using SW-846 method 6020. Mercury analyses were conducted using SW-846 method 7470A and pH analyses were conducted using SW-846 method 9040B.

The findings offered in this report are based upon a general review of all available data. The data review was based on data completeness, holding times, initial and continuing calibration verification results, laboratory method / preparation blank results, ICP interference results, laboratory control sample recoveries, laboratory duplicate results, matrix spike recoveries, ICP serial dilution results, detection limits and analyte quantitation.

Areas of concern with respect to data quality are listed below.

Major Problems – None.

Minor Problems

- The contract required detection limit (CRDL) percent recovery for mercury was > 120% quality control limit affecting samples MRC-MW70B-111507(total) and MRC-MW70B-111507(dissolved). The positive result reported for mercury for sample MRC-MW70B-111507(dissolved) was qualified as biased high, "K".

- The CRDL percent recovery for chromium was < 90% quality control limit affecting samples MRC-MW70B-111407(total) and MRC-MW70B-111407(dissolved). The nondetected results reported for chromium were qualified as biased low, "UL".

- The CRDL percent recoveries for chromium and selenium were < 90% quality control limit affecting samples MRC-MW70B-111507(total) and MRC-MW70B-111507(dissolved). The positive results and nondetects reported for chromium and selenium were qualified as biased low, "L" and "UL", respectively.

- The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Antimony	0.19 ug/L	0.95 ug/L
Barium[(1)]	0.042 ug/L	0.21 ug/L
Cadmium[(1)]	0.025 ug/L	0.125 ug/L
Chromium[(1)]	0.56 ug/L	2.8 ug/L
Lead[(1)]	0.16 ug/L	0.8 ug/L
Nickel[(1)]	0.30 ug/L	1.5 ug/L
Zinc[(1)]	5.2 ug/L	26.0 ug/L

Affects samples MRC-MW70B-111207(total) and MRC-MW70B-111207(dissolved).

Analyte	Concentration	Level
Antimony	0.20 ug/L	1.0 ug/L
Barium[(1)]	0.043 ug/L	0.215 ug/L
Chromium[(1)]	0.43 ug/L	2.15 ug/L
Cobalt	0.031 ug/L	0.155 ug/L
Copper[(1)]	0.14 ug/L	0.7 ug/L
Lead[(1)]	0.089 ug/L	0.445 ug/L
Nickel[(1)]	0.072 ug/L	0.36 ug/L
Zinc[(1)]	1.8 ug/L	9.0 ug/L

Affects samples MRC-MW70B-111407(total) and MRC-MW70B-111407(dissolved).

Analyte	Concentration	Level
Antimony	0.22 ug/L	1.1 ug/L
Barium[(1)]	0.84 ug/L	4.2 ug/L
Beryllium	0.038 ug/L	0.19 ug/L
Cadmium	0.044 ug/L	0.22 ug/L
Cobalt	0.043 ug/L	0.215 ug/L
Copper[(1)]	0.40 ug/L	2.0 ug/L
Lead[(1)]	0.65 ug/L	3.25 ug/L
Nickel[(1)]	0.10 ug/L	0.5 ug/L
Silver	0.024 ug/L	0.12 ug/L
Thallium	0.1 ug/L	0.5 ug/L
Zinc[(1)]	4.6 ug/L	23.0 ug/L

Affects samples MRC-MW70B-111507(total) and MRC-MW70B-111507(dissolved).

An action level of 5X the maximum contaminant level has been used to evaluate sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level reported for antimony, cadmium, chromium, copper and lead were qualified "B" as a result of laboratory blank contamination.

- The matrix spike percent recovery for silver was < 75% quality control limit affecting prep batch 7319028. The nondetected results reported for silver for samples MRC-MW70B-111207(total) and MRC-MW70B-111207(dissolved) were qualified as biased low, "UL".

- The ICP serial dilution percent differences for cobalt and nickel were > 10% quality control limit affecting batch 7319028. The positive results reported for cobalt and nickel for samples MRC-MW70B-111207(total) and MRC-MW70B-111207(dissolved) were qualified as estimated, "J".

Notes

The CRDL percent recovery for copper was > 110% quality control limit affecting samples MRC-MW70B-111507(total) and MRC-MW70B-111507(dissolved). No validation actions were warranted as the sample results were qualified as a result of blank contamination.

The ICS percent recovery for molybdenum was > 120% quality control limit affecting samples MRC-MW70B-111207(total) and MRC-MW70B-111207(dissolved). No validation actions were warranted as the sample results were nondetects.

Executive Summary

Laboratory Performance: The CRDL percent recovery for mercury was > 120% and the CRDL percent recoveries for chromium and selenium were < 90%. Several analytes were present in the laboratory method / preparation blanks.

Other Factors Affecting Data Quality: The matrix spike percent recovery for silver was < 75% quality control limit affecting prep batch 7319028. The ICP serial dilution percent differences for cobalt and nickel were > 10% quality control limit affecting batch 7319028.

The data for these analyses were reviewed with reference to Region III modifications to the "National Functional Guidelines for Inorganic Data Validation", April 1993.

The text of this report has been formulated to address only those problem areas affecting data quality.

Tetra Tech NUS
Terri L. Solomon
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:
1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS-GFAA MSA's r < 0.995 / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O - Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DOT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient r < 0.995
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 01179

SDG: 7K14155 MEDIA: WATER DATA FRACTION: M

nsample	MRC-MW70B-111207
samp_date	11/12/2007
lab_id	A7K140155001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.28	B	A
ARSENIC	1.3		
BARIUM	90		
BERYLLIUM	0.21		
CADMIUM	0.022	B	A
CHROMIUM	0.25	B	A
COBALT	39.8	J	I
COPPER	0.16		
LEAD	0.048	B	A
MERCURY	0.1	U	
MOLYBDENUM	0.66	U	
NICKEL	56.8	J	I
SELENIUM	1.6	U	
SILVER	0.021	UL	D
THALLIUM	0.023	U	
VANADIUM	0.25	U	
ZINC	80.9		

nsample	MRC-MW70B-111407
samp_date	11/14/2007
lab_id	A7K150199001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.048	U	
ARSENIC	1.2		
BARIUM	84.1		
BERYLLIUM	0.2		
CADMIUM	0.014	U	
CHROMIUM	0.054	UL	C
COBALT	44.9		
COPPER	0.18	B	A
LEAD	0.1	B	A
MERCURY	0.1	U	
MOLYBDENUM	0.66	U	
NICKEL	62.5		
SELENIUM	1.6	U	
SILVER	0.021	U	
THALLIUM	0.023	U	
VANADIUM	0.25	U	
ZINC	98.2		

nsample	MRC-MW70B-111507
samp_date	11/15/2007
lab_id	A7K160209001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.32	B	A
ARSENIC	1.1		
BARIUM	89.3		
BERYLLIUM	0.28		
CADMIUM	0.014	U	
CHROMIUM	0.054	UL	C
COBALT	46.2		
COPPER	0.13	B	A
LEAD	0.24	B	A
MERCURY	0.1	U	
MOLYBDENUM	0.66	U	
NICKEL	69.5		
SELENIUM	1.6	UL	C
SILVER	0.021	U	
THALLIUM	0.033	B	A
VANADIUM	0.58		
ZINC	109		

PROJ_NO: 01179

SDG: 7K14155 MEDIA: WATER DATA FRACTION: MF

nsample	MRC-MW70B-111207
samp_date	11/12/2007
lab_id	A7K140155001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.08	B	A
ARSENIC	1.2		
BARIUM	84.2		
BERYLLIUM	0.16		
CADMIUM	0.018	B	A
CHROMIUM	0.054	U	
COBALT	37.7	J	I
COPPER	0.15		
LEAD	0.015	U	
MERCURY	0.1	U	
MOLYBDENUM	0.66	U	
NICKEL	56.3	J	I
SELENIUM	1.6	U	
SILVER	0.021	UL	D
THALLIUM	0.023	U	
VANADIUM	0.25	U	
ZINC	79.7		

nsample	MRC-MW70B-111407
samp_date	11/14/2007
lab_id	A7K150199001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.048	U	
ARSENIC	1.2		
BARIUM	84		
BERYLLIUM	0.2		
CADMIUM	0.014	U	
CHROMIUM	0.054	UL	C
COBALT	45.4		
COPPER	0.13	B	A
LEAD	0.018	B	A
MERCURY	0.1	U	
MOLYBDENUM	0.66	U	
NICKEL	62.3		
SELENIUM	1.6	U	
SILVER	0.021	U	
THALLIUM	0.023	U	
VANADIUM	0.25	U	
ZINC	98.3		

nsample	MRC-MW70B-111507
samp_date	11/15/2007
lab_id	A7K160209001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.12	B	A
ARSENIC	1.3		
BARIUM	88.4		
BERYLLIUM	0.3		
CADMIUM	0.014	B	A
CHROMIUM	0.81	L	C
COBALT	45.6		
COPPER	0.16	B	A
LEAD	0.18	B	A
MERCURY	0.16	K	C
MOLYBDENUM	0.66	U	
NICKEL	70.4		
SELENIUM	1.6	UL	C
SILVER	0.021	U	
THALLIUM	0.023	U	
VANADIUM	0.25	U	
ZINC	138		

PROJ_NO: 01179

SDG: 7K14155 MEDIA: WATER DATA FRACTION: MISC

nsample	MRC-MW70B-111207	nsample	MRC-MW70B-111407	nsample	MRC-MW70B-111507
samp_date	11/12/2007	samp_date	11/14/2007	samp_date	11/15/2007
lab_id	A7K140155001	lab_id	A7K150199001	lab_id	A7K160209001
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
PH	S.U.	6.2		

Parameter	units	Result	Val Qual	Qual Code
PH	S.U.	6		

Parameter	units	Result	Val Qual	Qual Code
PH	S.U.	6		

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KA71H **Client ID:** MRC-MW70B-111207

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**121**	**0.048**	**2.0**	**0.28**	**B**	**1**	**ICPMS**	**11/16/07**	**18:20**
Arsenic	**75**	**0.27**	**5.0**	**1.3**	**B**	**1**	**ICPMS**	**11/16/07**	**18:20**
Barium	**135**	**0.021**	**1.0**	**90.0**		**1**	**ICPMS**	**11/16/07**	**18:20**
Beryllium	**9**	**0.020**	**1.0**	**0.21**	**B**	**1**	**ICPMS**	**11/16/07**	**18:20**
Cadmium	**111**	**0.014**	**1.0**	**0.022**	**B**	**1**	**ICPMS**	**11/16/07**	**18:20**
Chromium	**52**	**0.054**	**2.0**	**0.25**	**B**	**1**	**ICPMS**	**11/16/07**	**18:20**
Cobalt	**59**	**0.013**	**1.0**	**39.8**		**1**	**ICPMS**	**11/16/07**	**18:20**
Copper	**65**	**0.046**	**2.0**	**0.16**	**B**	**1**	**ICPMS**	**11/16/07**	**18:20**
Lead	**208**	**0.015**	**1.0**	**0.048**	**B**	**1**	**ICPMS**	**11/16/07**	**18:20**
Molybdenum	98	0.66	2.0	0.66	U	1	ICPMS	11/16/07	18:20
Nickel	**60**	**0.053**	**2.0**	**56.8**		**1**	**ICPMS**	**11/16/07**	**18:20**
Selenium	82	1.6	5.0	1.6	U	1	ICPMS	11/16/07	18:20
Silver	107	0.021	1.0	0.021	U	1	ICPMS	11/16/07	18:20
Thallium	205	0.023	1.0	0.023	U	1	ICPMS	11/16/07	18:20
Vanadium	51	0.25	20.0	0.25	U	1	ICPMS	11/16/07	18:20
Zinc	**68**	**0.12**	**20.0**	**80.9**		**1**	**ICPMS**	**11/16/07**	**18:20**

Comments: Lot #: A7K140155 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KA71H **Client ID:** MRC-MW70B-111207

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	11/16/07	11:07

Comments: Lot #: A7K140155 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KCATK **Client ID:** MRC-MW70B-111407

Matrix: Water **Units:** ug/L **Prep Date:** 11/16/07 **Prep Batch:** 7320027

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.048	2.0	0.048	U	1	ICPMS	11/17/07	0:00
Arsenic	**75**	**0.27**	**5.0**	**1.2**	**B**	**1**	**ICPMS**	**11/17/07**	**0:00**
Barium	**135**	**0.021**	**1.0**	**84.1**		**1**	**ICPMS**	**11/17/07**	**0:00**
Beryllium	**9**	**0.020**	**1.0**	**0.20**	**B**	**1**	**ICPMS**	**11/17/07**	**0:00**
Cadmium	111	0.014	1.0	0.014	U	1	ICPMS	11/17/07	0:00
Chromium	52	0.054	2.0	0.054	U	1	ICPMS	11/19/07	14:14
Cobalt	**59**	**0.013**	**1.0**	**44.9**		**1**	**ICPMS**	**11/19/07**	**14:14**
Copper	**65**	**0.046**	**2.0**	**0.18**	**B**	**1**	**ICPMS**	**11/17/07**	**0:00**
Lead	**208**	**0.015**	**1.0**	**0.10**	**B**	**1**	**ICPMS**	**11/17/07**	**0:00**
Molybdenum	98	0.66	2.0	0.66	U	1	ICPMS	11/19/07	14:14
Nickel	**60**	**0.053**	**2.0**	**62.5**		**1**	**ICPMS**	**11/17/07**	**0:00**
Selenium	82	1.6	5.0	1.6	U	1	ICPMS	11/17/07	0:00
Silver	107	0.021	1.0	0.021	U	1	ICPMS	11/17/07	0:00
Thallium	205	0.023	1.0	0.023	U	1	ICPMS	11/17/07	0:00
Vanadium	51	0.25	20.0	0.25	U	1	ICPMS	11/19/07	14:14
Zinc	**68**	**0.12**	**20.0**	**98.2**		**1**	**ICPMS**	**11/17/07**	**0:00**

Comments: Lot #: A7K150199 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KCATK **Client ID:** MRC-MW70B-111407

Matrix: Water **Units:** ug/L **Prep Date:** 11/16/07 **Prep Batch:** 7320027Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	11/16/07	16:34

Comments: Lot #: A7K150199 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KCE51 **Client ID:** MRC-MW70B-111507

Matrix: Water **Units:** ug/L **Prep Date:** 11/19/07 **Prep Batch:** 7323022

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**121**	**0.048**	**2.0**	**0.32**	**B**	**1**	**ICPMS**	**11/20/07**	**5:30**
Arsenic	**75**	**0.27**	**5.0**	**1.1**	**B**	**1**	**ICPMS**	**11/20/07**	**5:30**
Barium	**135**	**0.021**	**1.0**	**89.3**		**1**	**ICPMS**	**11/20/07**	**5:30**
Beryllium	**9**	**0.020**	**1.0**	**0.28**	**B**	**1**	**ICPMS**	**11/20/07**	**5:30**
Cadmium	111	0.014	1.0	0.014	U	1	ICPMS	11/20/07	5:30
Chromium	52	0.054	2.0	0.054	U	1	ICPMS	11/20/07	5:30
Cobalt	**59**	**0.013**	**1.0**	**46.2**		**1**	**ICPMS**	**11/20/07**	**5:30**
Copper	**65**	**0.046**	**2.0**	**0.13**	**B**	**1**	**ICPMS**	**11/20/07**	**5:30**
Lead	**208**	**0.015**	**1.0**	**0.24**	**B**	**1**	**ICPMS**	**11/20/07**	**5:30**
Molybdenum	98	0.66	2.0	0.66	U	1	ICPMS	11/20/07	5:30
Nickel	**60**	**0.053**	**2.0**	**69.5**		**1**	**ICPMS**	**11/20/07**	**5:30**
Selenium	82	1.6	5.0	1.6	U	1	ICPMS	11/20/07	5:30
Silver	107	0.021	1.0	0.021	U	1	ICPMS	11/20/07	5:30
Thallium	**205**	**0.023**	**1.0**	**0.033**	**B**	**1**	**ICPMS**	**11/20/07**	**5:30**
Vanadium	**51**	**0.25**	**20.0**	**0.58**	**B**	**1**	**ICPMS**	**11/20/07**	**5:30**
Zinc	**68**	**0.12**	**20.0**	**109**		**1**	**ICPMS**	**11/20/07**	**5:30**

Comments: Lot #: A7K160209 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KCE51 **Client ID:** MRC-MW70B-111507

Matrix: Water **Units:** ug/L **Prep Date:** 11/19/07 **Prep Batch:** 7323022Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	11/20/07	11:13

Comments: Lot #: A7K160209 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KA71HF **Client ID:** MRC-MW70B-111207F

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**121**	**0.048**	**2.0**	**0.080**	**B**	**1**	**ICPMS**	**11/16/07**	**18:24**
Arsenic	**75**	**0.27**	**5.0**	**1.2**	**B**	**1**	**ICPMS**	**11/16/07**	**18:24**
Barium	**135**	**0.021**	**1.0**	**84.2**		**1**	**ICPMS**	**11/16/07**	**18:24**
Beryllium	**9**	**0.020**	**1.0**	**0.16**	**B**	**1**	**ICPMS**	**11/16/07**	**18:24**
Cadmium	**111**	**0.014**	**1.0**	**0.018**	**B**	**1**	**ICPMS**	**11/16/07**	**18:24**
Chromium	52	0.054	2.0	0.054	U	1	ICPMS	11/16/07	18:24
Cobalt	**59**	**0.013**	**1.0**	**37.7**		**1**	**ICPMS**	**11/16/07**	**18:24**
Copper	**65**	**0.046**	**2.0**	**0.15**	**B**	**1**	**ICPMS**	**11/16/07**	**18:24**
Lead	208	0.015	1.0	0.015	U	1	ICPMS	11/16/07	18:24
Molybdenum	98	0.66	2.0	0.66	U	1	ICPMS	11/16/07	18:24
Nickel	**60**	**0.053**	**2.0**	**56.3**		**1**	**ICPMS**	**11/16/07**	**18:24**
Selenium	82	1.6	5.0	1.6	U	1	ICPMS	11/16/07	18:24
Silver	107	0.021	1.0	0.021	U	1	ICPMS	11/16/07	18:24
Thallium	205	0.023	1.0	0.023	U	1	ICPMS	11/16/07	18:24
Vanadium	51	0.25	20.0	0.25	U	1	ICPMS	11/16/07	18:24
Zinc	**68**	**0.12**	**20.0**	**79.7**		**1**	**ICPMS**	**11/16/07**	**18:24**

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KA71HF **Client ID:** MRC-MW70B-111207F

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	11/16/07	11:14

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KCATKF **Client ID:** MRC-MW70B-111407F

Matrix: Water **Units:** ug/L **Prep Date:** 11/16/07 **Prep Batch:** 7320027

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.048	2.0	0.048	U	1	ICPMS	11/17/07	0:04
Arsenic	**75**	**0.27**	**5.0**	**1.2**	**B**	**1**	**ICPMS**	**11/17/07**	**0:04**
Barium	**135**	**0.021**	**1.0**	**84.0**		**1**	**ICPMS**	**11/17/07**	**0:04**
Beryllium	**9**	**0.020**	**1.0**	**0.20**	**B**	**1**	**ICPMS**	**11/17/07**	**0:04**
Cadmium	111	0.014	1.0	0.014	U	1	ICPMS	11/17/07	0:04
Chromium	52	0.054	2.0	0.054	U	1	ICPMS	11/19/07	14:18
Cobalt	**59**	**0.013**	**1.0**	**45.4**		**1**	**ICPMS**	**11/19/07**	**14:18**
Copper	**65**	**0.046**	**2.0**	**0.13**	**B**	**1**	**ICPMS**	**11/17/07**	**0:04**
Lead	**208**	**0.015**	**1.0**	**0.018**	**B**	**1**	**ICPMS**	**11/17/07**	**0:04**
Molybdenum	98	0.66	2.0	0.66	U	1	ICPMS	11/19/07	14:18
Nickel	**60**	**0.053**	**2.0**	**62.3**		**1**	**ICPMS**	**11/17/07**	**0:04**
Selenium	82	1.6	5.0	1.6	U	1	ICPMS	11/17/07	0:04
Silver	107	0.021	1.0	0.021	U	1	ICPMS	11/17/07	0:04
Thallium	205	0.023	1.0	0.023	U	1	ICPMS	11/17/07	0:04
Vanadium	51	0.25	20.0	0.25	U	1	ICPMS	11/19/07	14:18
Zinc	**68**	**0.12**	**20.0**	**98.3**		**1**	**ICPMS**	**11/17/07**	**0:04**

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KCATKF **Client ID:** MRC-MW70B-111407F

Matrix: Water **Units:** ug/L **Prep Date:** 11/16/07 **Prep Batch:** 7320027Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	11/16/07	16:36

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KCE51F **Client ID:** MRC-MW70B-111507F

Matrix: Water **Units:** ug/L **Prep Date:** 11/19/07 **Prep Batch:** 7323022

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**121**	**0.048**	**2.0**	**0.12**	**B**	**1**	**ICPMS**	**11/20/07**	**5:33**
Arsenic	**75**	**0.27**	**5.0**	**1.3**	**B**	**1**	**ICPMS**	**11/20/07**	**5:33**
Barium	**135**	**0.021**	**1.0**	**88.4**		**1**	**ICPMS**	**11/20/07**	**5:33**
Beryllium	**9**	**0.020**	**1.0**	**0.30**	**B**	**1**	**ICPMS**	**11/20/07**	**5:33**
Cadmium	**111**	**0.014**	**1.0**	**0.014**	**B**	**1**	**ICPMS**	**11/20/07**	**5:33**
Chromium	**52**	**0.054**	**2.0**	**0.81**	**B**	**1**	**ICPMS**	**11/20/07**	**5:33**
Cobalt	**59**	**0.013**	**1.0**	**45.6**		**1**	**ICPMS**	**11/20/07**	**5:33**
Copper	**65**	**0.046**	**2.0**	**0.16**	**B**	**1**	**ICPMS**	**11/20/07**	**5:33**
Lead	**208**	**0.015**	**1.0**	**0.18**	**B**	**1**	**ICPMS**	**11/20/07**	**5:33**
Molybdenum	98	0.66	2.0	0.66	U	1	ICPMS	11/20/07	5:33
Nickel	**60**	**0.053**	**2.0**	**70.4**		**1**	**ICPMS**	**11/20/07**	**5:33**
Selenium	82	1.6	5.0	1.6	U	1	ICPMS	11/20/07	5:33
Silver	107	0.021	1.0	0.021	U	1	ICPMS	11/20/07	5:33
Thallium	205	0.023	1.0	0.023	U	1	ICPMS	11/20/07	5:33
Vanadium	51	0.25	20.0	0.25	U	1	ICPMS	11/20/07	5:33
Zinc	**68**	**0.12**	**20.0**	**138**		**1**	**ICPMS**	**11/20/07**	**5:33**

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KCE51F **Client ID:** MRC-MW70B-111507F

Matrix: Water **Units:** ug/L **Prep Date:** 11/19/07 **Prep Batch:** 7323022Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.16	B	1	CVAA	11/20/07	11:14

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111207

General Chemistry

Lot-Sample #...: A7K140155-001 **Work Order #...:** KA71H **Matrix.....:** WG
Date Sampled...: 11/12/07 16:50 **Date Received..:** 11/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	6.2		**No Units**	**SW846 9040B**	**11/14/07**	7319513

Dilution Factor: 1

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111407

General Chemistry

Lot-Sample #...: A7K150199-001 Work Order #...: KCATK Matrix.....: WG
Date Sampled...: 11/14/07 14:45 Date Received..: 11/15/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	6.0		No Units	SW846 9040B	11/15/07	7319496

Dilution Factor: 1

Tetra Tech NUS, Inc

Client Sample ID: MRC-MW70B-111507

General Chemistry

Lot-Sample #...: A7K160209-001 Work Order #...: KCE51 Matrix.....: WG
Date Sampled...: 11/15/07 14:45 Date Received..: 11/16/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	6.0		No Units	SW846 9040B	11/16/07	7320508

Dilution Factor: 1

APPENDIX C
SUPPORT DOCUMENTATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 112IC01179

LMC & MIDDLE RIVER AQUIFER
SDG #: 7K14155

Michael Martin

Tetra Tech NUS Inc
20251 Century Blvd
Suite 200
Germantown, MD 20874

TESTAMERICA LABORATORIES, INC.

Patrick J. O'Meara
Project Manager

December 3, 2007

CASE NARRATIVE

7K14155

The following report contains the analytical results for three water samples and three quality control samples submitted to TestAmerica North Canton by Tetra Tech NUS Inc. from the LMC-MIDDLE RIVER Site, project number 112IC001179. The samples were received November 14, 2007, November 15, 2007 and November 16, 2007, according to documented sample acceptance procedures.

This SDG consists of (3) laboratory ID's: A7K140155, A7K150199, and A7K160209.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Patrick J. O'Meara, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 1.7, 4.0, and 4.2°C.

CASE NARRATIVE (continued)

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

2-Chloroethyl vinyl ether cannot be reliably recovered in an acid preserved sample.

GC/MS SEMIVOLATILES

The analytical results met the requirements of the laboratory's QA/QC program.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

No ICP MS Form IX was provided for batch(es) 7323022. The serial dilution was performed on a different sample from the same QC batch(es).

The sample duplicate RPD was outside the acceptance limits for some analytes. The result is less than five times the reporting limit; therefore, no corrective action is required. Refer to the sample duplicate report for RPDS that exceed 20%.

GENERAL CHEMISTRY

The sample duplicate data for batch(es) 7319513 is not included in this report for pH. The batch QC samples, which document the effect of a specific sample matrix on method performance, were not associated with a sample reported in this lot. The data, therefore, has no bearing on the samples reported herein. In order to document compliance with the QC requirement for a sample duplicate per 10 environmental samples, a summary of sample/QC associations has been provided following this case narrative.

ANALYTICAL METHODS SUMMARY

7K14155

PARAMETER	ANALYTICAL METHOD
pH Aqueous	SW846 9040B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

7K14155 : A7K140155

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KA71H	001	MRC-MW70B-111207	11/12/07	16:50
KA71N	002	TB-111307	11/12/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

7K14155 : A7K150199

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KCATK	001	MRC-MW70B-111407	11/14/07	14:45
KCATV	002	TB-111407	11/14/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

7K14155 : A7K160209

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KCE51	001	MRC-MW70B-111507	11/15/07	14:45
KCE7K	002	TB-111507	11/15/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3522 | PAGE 1 OF 1

PROJECT NO: 112IC00179	FACILITY: DOC - Middle River	PROJECT MANAGER: Mike Martin	PHONE NUMBER: 301-528-3022	LABORATORY NAME AND CONTACT: Ken IVRS @ Test America
SAMPLERS (SIGNATURE): Silvino da Luz		FIELD OPERATIONS LEADER: Tony Arandigoa	PHONE NUMBER: 301-233-8230	ADDRESS
		CARRIER/WAYBILL NUMBER		CITY, STATE: Baltimore, MD

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (YEAR 2007)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)								COMMENTS
									PRESERVATIVE USED	HCl	HNO3	HNO3	None	None			
									TYPE OF ANALYSIS	VOCs	Total Metals	Dissolved Metals	1,4-Dioxane	pH			
11/12	1650	MRC-MW70B-111207	Middle River			GW	G			3	1	1	1	1			Pump Test-2 (2hrs-initial) Sampling
11/12	0000	TB-111207	Middle River			GW	G			2							

1. RELINQUISHED BY: Silvino da Luz	DATE 11/13/07	TIME 1500	1. RECEIVED BY:
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY:
3. RELINQUISHED BY:	DATE 11/13/07	TIME 1600	3. RECEIVED BY:

DATE 11-13-07	TIME 1500		
DATE 11-14-07	TIME 9:40		
DATE	TIME		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TestAmerica North Canton

[redacted]

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

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REPORT TO			INVOICE TO		
COMPANY Tetra Tech	PHONE 301-528-3022		COMPANY Tetra Tech	PHONE 301-528-3022	LAB PROJECT #:
NAME Mike Martin	FAX		NAME Mike Martin	FAX	
ADDRESS 20251 Century Blvd., #200			ADDRESS 20251 Century Blvd., #200		TURNAROUND TIME:
CITY/ST/ZIP Germantown, MD 20874			CITY/ST/ZIP Germantown, MD 20874		

CLIENT PROJECT NAME: LMC @ Middle River Aquifer Testing

CLIENT PROJECT #: 112ICO1179

CLIENT P.O.#:

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	VOCs (HCl preserved)	Total Metals (HNO3)	Dissolved Metals (HNO3)	1,4-Dioxane (Water)	PH (None)	COMMENTS
MRC-MW 708-111407	11/14/07 0245		X	X				3	1	1	1	1		
TB-111407	11/14/07 000		X	X				2						PUMP TEST-2
	/													
	/													
	/													
	/													
	/													
	/													
	/													
	/													
	/													
	/													

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	L. Hatfield	11-14-07 1500	Lori Lantz	11-14-07 1500		
	J. Sweet	11/14/07 1700	Terry Burns	11/15/07 9:40		
		/		/		

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[redacted]

[redacted]

CHAIN-OF-CUSTODY RECORD

Page ____ of ____

REPORT TO			INVOICE TO		
COMPANY Tetra Tech	PHONE 301-528-3022		COMPANY Tetra Tech	PHONE 301-528-3022	LAB PROJECT #:
NAME Mike Martin	FAX		NAME Mike Martin	FAX	
ADDRESS 20251 Century Blvd., #200			ADDRESS 20251 Century Blvd., #200		TURNAROUND TIME:
CITY/ST/ZIP Germantown, MD 20874			CITY/ST/ZIP Germantown, MD 20874		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
LMC @ Middle River Aquifer Testing	112IC08179	

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	Preserv.	VOCs (HCl)	Total Metals (HNO3)	Dissolved Metals (HNO3)	1,4-Dioxane (NaOH)	PH (Lab)	COMMENTS
MRC-MW108-111507	11/15/07 1445		X	X				3		1	1	1	1		Pump Test 2 (last sample - 72hrs)
TB-111507	11/15/07 0000		X	X				3							
	/														
	/														
	/														
	/														
	/														
	/														
	/														
	/														
	/														
	/														

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	Silvia de Rueda	11/15/07 1825		11/15/07 18:25		
		11-15-07 19:20		11-16-07 0950		
		/		/		

WHITE: LABORATORY COPY YELLOW: REPORT COPY PINK: CLIENT'S COPY

TestAmerica North Canton

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HOLDTIME

SDG 7K14155

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	MRC-MW70B-111207	A7K140155001	NM	11/12/2007	11/15/2007	11/16/2007	3	1	4
HG	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/16/2007	2	0	2
HG	UG/L	MRC-MW70B-111507	A7K160209001	NM	11/15/2007	11/19/2007	11/20/2007	4	1	5
M	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/17/2007	2	1	3
M	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/19/2007	2	3	5
M	UG/L	MRC-MW70B-111207	A7K140155001	NM	11/12/2007	11/15/2007	11/16/2007	3	1	4
M	UG/L	MRC-MW70B-111507	A7K160209001	NM	11/15/2007	11/19/2007	11/20/2007	4	1	5
HGF	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/16/2007	2	0	2
HGF	UG/L	MRC-MW70B-111507	A7K160209001	NM	11/15/2007	11/19/2007	11/20/2007	4	1	5
HGF	UG/L	MRC-MW70B-111207	A7K140155001	NM	11/12/2007	11/15/2007	11/16/2007	3	1	4
MF	UG/L	MRC-MW70B-111207	A7K140155001	NM	11/12/2007	11/15/2007	11/16/2007	3	1	4
MF	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/17/2007	2	1	3
MF	UG/L	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/16/2007	11/19/2007	2	3	5
MF	UG/L	MRC-MW70B-111507	A7K160209001	NM	11/15/2007	11/19/2007	11/20/2007	4	1	5
PH	NO UN	MRC-MW70B-111207	A7K140155001	NM	11/12/2007	11/14/2007	11/14/2007	2	0	2

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PH	NO UN	MRC-MW70B-111507	A7K160209001	NM	11/15/2007	11/16/2007	11/16/2007	1	0	1
PH	NO UN	MRC-MW70B-111407	A7K150199001	NM	11/14/2007	11/15/2007	11/15/2007	1	0	1
OS	%	MRC-MW70B-111507DL	A7K160209001	NM	11/15/2007	11/17/2007	11/20/2007	2	3	5
OS	%	MRC-MW70B-111407DL	A7K150199001	NM	11/14/2007	11/15/2007	11/21/2007	1	6	7
OS	%	MRC-MW70B-111207DL	A7K140155001	NM	11/12/2007	11/14/2007	11/19/2007	2	5	7
OS	UG/L	MRC-MW70B-111407DL	A7K150199001	NM	11/14/2007	11/15/2007	11/21/2007	1	6	7
OS	UG/L	MRC-MW70B-111507DL	A7K160209001	NM	11/15/2007	11/17/2007	11/20/2007	2	3	5
OS	UG/L	MRC-MW70B-111207DL	A7K140155001	NM	11/12/2007	11/14/2007	11/19/2007	2	5	7
OV	%	MRC-MW70B-111207DL	A7K140155001	NM	11/12/2007	11/20/2007	11/20/2007	8	0	8
OV	%	MRC-MW70B-111407DL	A7K150199001	NM	11/14/2007	11/21/2007	11/21/2007	7	0	7
OV	%	MRC-MW70B-111507DL	A7K160209001	NM	11/15/2007	11/20/2007	11/20/2007	5	0	5
OV	%	TB-111307	A7K140155002	NM	11/12/2007	11/20/2007	11/20/2007	8	0	8
OV	%	TB-111407	A7K150199002	NM	11/14/2007	11/21/2007	11/21/2007	7	0	7
OV	%	TB-111507	A7K160209002	NM	11/15/2007	11/20/2007	11/20/2007	5	0	5
OV	UG/L	MRC-MW70B-111207DL	A7K140155001	NM	11/12/2007	11/20/2007	11/20/2007	8	0	8
OV	UG/L	MRC-MW70B-111407DL	A7K150199001	NM	11/14/2007	11/21/2007	11/21/2007	7	0	7
OV	UG/L	MRC-MW70B-111507DL	A7K160209001	NM	11/15/2007	11/20/2007	11/20/2007	5	0	5
OV	UG/L	TB-111307	A7K140155002	NM	11/12/2007	11/20/2007	11/20/2007	8	0	8

Test America North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: CVAA **Units:** ug/L

Chart Number: hg41116d.prn **Acceptable Range:** 90% - 110%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck2ICV 11/16/07 9:20 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	2.5	2.51	**100.5**								

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: hg41116d.prn **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck6CCV 11/16/07 9:24 AM Found	% Rec	Ck6CCV 11/16/07 9:34 AM Found	% Rec	Ck6CCV 11/16/07 9:50 AM Found	% Rec	Ck6CCV 11/16/07 10:05 AM Found	% Rec	Ck6CCV 11/16/07 10:15 AM Found	% Rec
Mercury	253.7	5.0	5.04	**100.7**	5.36	**107.3**	5.42	**108.4**	5.51	**110.2**	5.51	**110.1**

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: hg41116d.prn **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck6CCV 11/16/07 10:22 AM Found	% Rec	Ck6CCV 11/16/07 10:38 AM Found	% Rec	Ck6CCV 11/16/07 10:54 AM Found	% Rec	Ck6CCV 11/16/07 11:10 AM Found	% Rec	Ck6CCV 11/16/07 11:15 AM Found	% Rec
Mercury	253.7	5.0	5.58	**111.6**	5.63	**112.6**	5.57	**111.3**	5.62	**112.4**	5.61	**112.3**

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: hg41116d.prn **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck6CCV 11/16/07 2:40 PM Found	% Rec	Ck6CCV 11/16/07 2:56 PM Found	% Rec	Ck6CCV 11/16/07 3:12 PM Found	% Rec	Ck6CCV 11/16/07 3:28 PM Found	% Rec	Ck6CCV 11/16/07 3:44 PM Found	% Rec
Mercury	253.7	5.0	5.58	**111.7**	5.49	**109.8**	5.57	**111.5**	5.62	**112.4**	5.42	**108.4**

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: hg41116d.prn **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck6CCV 11/16/07 3:59 PM Found	% Rec	Ck6CCV 11/16/07 4:15 PM Found	% Rec	Ck6CCV 11/16/07 4:31 PM Found	% Rec	Ck6CCV 11/16/07 4:39 PM Found	% Rec	Found	% Rec
Mercury	253.7	5.0	5.54	**110.7**	5.57	**111.3**	5.53	**110.5**	5.57	**111.3**		

Test America North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: CVAA **Units:** ug/L

Chart Number: hg41120c.prn **Acceptable Range:** 90% - 110%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck2ICV 11/20/07 10:08 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	2.5	2.51	**100.4**								

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: hg41120c.prn **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck6CCV 11/20/07 10:12 AM		Ck6CCV 11/20/07 10:28 AM		Ck6CCV 11/20/07 10:43 AM		Ck6CCV 11/20/07 10:58 AM		Ck6CCV 11/20/07 11:04 AM	
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	5.0	4.98	**99.5**	4.85	**97.0**	4.97	**99.5**	4.71	**94.2**	4.85	**97.0**

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: hg41120c.prn **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck6CCV 11/20/07 11:08 AM Found	% Rec	Ck6CCV 11/20/07 11:24 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	5.0	4.89	**97.8**	4.85	**97.1**						

Test America North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 111607c.rep **Acceptable Range:** 90% - 110%

Standard Source: **Standard ID:**

Element	WL/ Mass	True Conc	QC Std 1 11/16/07 3:58 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Antimony	121	25.0	23.49	**94.0**								
Arsenic	75	25.0	25.05	**100.2**								
Barium	135	25.0	25.24	**101.0**								
Beryllium	9	25.0	25.26	**101.1**								
Cadmium	111	25.0	24.78	**99.1**								
Chromium	52	25.0	25.65	**102.6**								
Cobalt	59	25.0	26.37	**105.5**								
Copper	65	25.0	25.94	**103.8**								
Lead	208	25.0	26.04	**104.2**								
Molybdenum	98	25.0	24.52	**98.1**								
Nickel	60	25.0	26.33	**105.3**								
Selenium	82	25.0	24.38	**97.5**								
Silver	107	25.0	24.95	**99.8**								
Thallium	205	25.0	26.47	**105.9**								
Vanadium	51	25.0	25.71	**102.8**								
Zinc	68	25.0	25.71	**102.8**								

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPMS **Units:** ug/L

Chart Number: 111607c.rep **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	QC Std 6 11/16/07 4:21 PM Found	% Rec	QC Std 6 11/16/07 6:03 PM Found	% Rec	QC Std 6 11/16/07 6:54 PM Found	% Rec	QC Std 6 11/16/07 7:41 PM Found	% Rec	QC Std 6 11/16/07 8:33 PM Found	% Rec
Antimony	121	50.0	47.14	**94.3**	47.40	**94.8**	47.30	**94.6**	47.76	**95.5**	48.12	**96.2**
Arsenic	75	50.0	48.71	**97.4**	49.05	**98.1**	48.97	**97.9**	48.70	**97.4**	50.80	**101.6**
Barium	135	50.0	47.96	**95.9**	49.15	**98.3**	47.79	**95.6**	49.88	**99.8**	51.32	**102.6**
Beryllium	9	50.0	47.33	**94.7**	49.08	**98.2**	50.38	**100.8**	53.29	**106.6**	52.88	**105.8**
Cadmium	111	50.0	48.63	**97.3**	47.95	**95.9**	48.71	**97.4**	49.97	**99.9**	49.96	**99.9**
Chromium	52	50.0	51.09	**102.2**	49.09	**98.2**	49.54	**99.1**	46.28	**92.6**	48.30	**96.6**
Cobalt	59	50.0	49.28	**98.6**	50.14	**100.3**	49.20	**98.4**	48.59	**97.2**	52.22	**104.4**
Copper	65	50.0	48.31	**96.6**	49.98	**100.0**	49.38	**98.8**	50.44	**100.9**	52.44	**104.9**
Lead	208	50.0	49.21	**98.4**	49.73	**99.5**	49.93	**99.9**	51.14	**102.3**	52.28	**104.6**
Molybdenum	98	50.0	51.85	**103.7**	46.86	**93.7**	47.82	**95.6**	49.09	**98.2**	48.67	**97.3**
Nickel	60	50.0	48.84	**97.7**	49.85	**99.7**	49.12	**98.2**	50.08	**100.2**	50.51	**101.0**
Selenium	82	50.0	48.88	**97.8**	48.41	**96.8**	49.74	**99.5**	49.43	**98.9**	51.83	**103.7**
Silver	107	50.0	48.01	**96.0**	49.33	**98.7**	48.47	**96.9**	50.88	**101.8**	51.08	**102.2**
Thallium	205	50.0	49.29	**98.6**	50.74	**101.5**	49.60	**99.2**	50.85	**101.7**	52.29	**104.6**
Vanadium	51	50.0	51.03	**102.1**	49.38	**98.8**	49.36	**98.7**	46.25	**92.5**	47.99	**96.0**
Zinc	68	50.0	48.45	**96.9**	49.11	**98.2**	49.63	**99.3**	50.70	**101.4**	51.14	**102.3**

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPMS **Units:** ug/L

Chart Number: 111607c.rep **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	QC Std 6 11/16/07 9:25 PM Found	% Rec	QC Std 6 11/16/07 10:14 PM Found	% Rec	QC Std 6 11/16/07 11:04 PM Found	% Rec	QC Std 6 11/16/07 11:51 PM Found	% Rec	QC Std 6 11/17/07 12:13 AM Found	% Rec
Antimony	121	50.0	48.34	**96.7**	48.00	**96.0**	47.88	**95.8**	46.16	**92.3**	48.03	**96.1**
Arsenic	75	50.0	48.99	**98.0**	48.87	**97.7**	47.85	**95.7**	48.92	**97.8**	48.90	**97.8**
Barium	135	50.0	51.78	**103.6**	48.38	**96.8**	49.80	**99.6**	48.22	**96.4**	50.17	**100.3**
Beryllium	9	50.0	48.74	**97.5**	45.91	**91.8**	47.02	**94.0**	45.71	**91.4**	45.15	**90.3**
Cadmium	111	50.0	48.61	**97.2**	49.39	**98.8**	49.57	**99.1**	47.63	**95.3**	49.25	**98.5**
Chromium	52	50.0	48.35	**96.7**	45.64	**91.3**	45.83	**91.7**	43.84	**87.7**	47.25	**94.5**
Cobalt	59	50.0	52.76	**105.5**	43.60	**87.2**	44.15	**88.3**	42.49	**85.0**	45.36	**90.7**
Copper	65	50.0	50.33	**100.7**	48.13	**96.3**	48.58	**97.2**	48.66	**97.3**	48.46	**96.9**
Lead	208	50.0	50.54	**101.1**	49.48	**99.0**	50.11	**100.2**	48.97	**97.9**	49.55	**99.1**
Molybdenum	98	50.0	46.77	**93.5**	47.22	**94.4**	47.73	**95.5**	44.48	**89.0**	46.38	**92.8**
Nickel	60	50.0	48.83	**97.7**	48.51	**97.0**	49.42	**98.8**	49.48	**99.0**	49.11	**98.2**
Selenium	82	50.0	50.27	**100.5**	50.15	**100.3**	48.27	**96.5**	51.16	**102.3**	49.72	**99.4**
Silver	107	50.0	49.27	**98.5**	47.00	**94.0**	47.69	**95.4**	46.00	**92.0**	47.99	**96.0**
Thallium	205	50.0	50.74	**101.5**	49.00	**98.0**	49.89	**99.8**	49.03	**98.1**	50.60	**101.2**
Vanadium	51	50.0	46.58	**93.2**	45.44	**90.9**	46.21	**92.4**	44.19	**88.4**	48.06	**96.1**
Zinc	68	50.0	49.96	**99.9**	49.66	**99.3**	49.29	**98.6**	50.65	**101.3**	49.95	**99.9**

Test America North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907a.rep **Acceptable Range:** 90% - 110%

Standard Source: **Standard ID:**

Element	WL/ Mass	True Conc	QC Std 1 11/19/07 11:26 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Chromium	52	25.0	25.08	**100.3**								
Cobalt	59	25.0	25.99	**104.0**								
Molybdenum	98	25.0	24.77	**99.1**								
Vanadium	51	25.0	25.26	**101.1**								

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPMS

Units: ug/L

Chart Number: 111907a.rep

Acceptable Range: 90% - 110%

Standard Source:

Standard ID:

Element	WL/ Mass	True Conc	QC Std 6 11/19/07 11:58 AM Found	% Rec	QC Std 6 11/19/07 12:49 PM Found	% Rec	QC Std 6 11/19/07 1:37 PM Found	% Rec	QC Std 6 11/19/07 2:27 PM Found	% Rec	Found	% Rec
Chromium	52	50.0	49.07	**98.1**	49.65	**99.3**	50.22	**100.4**	50.35	**100.7**		
Cobalt	59	50.0	48.31	**96.6**	54.72	**109.4**	54.92	**109.8**	53.99	**108.0**		
Molybdenum	98	50.0	49.99	**100.0**	49.87	**99.7**	49.54	**99.1**	49.30	**98.6**		
Vanadium	51	50.0	49.31	**98.6**	48.08	**96.2**	48.36	**96.7**	48.60	**97.2**		

Test America North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907d.rep **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	QC Std 1 11/20/07 1:24 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Antimony	121	25.0	24.20	**96.8**								
Arsenic	75	25.0	24.39	**97.6**								
Barium	135	25.0	24.91	**99.6**								
Beryllium	9	25.0	25.23	**100.9**								
Cadmium	111	25.0	24.91	**99.6**								
Chromium	52	25.0	24.45	**97.8**								
Cobalt	59	25.0	25.26	**101.0**								
Copper	65	25.0	25.00	**100.0**								
Lead	208	25.0	25.93	**103.7**								
Molybdenum	98	25.0	25.59	**102.4**								
Nickel	60	25.0	25.41	**101.6**								
Selenium	82	25.0	24.41	**97.6**								
Silver	107	25.0	24.78	**99.1**								
Thallium	205	25.0	26.08	**104.3**								
Vanadium	51	25.0	24.89	**99.6**								
Zinc	68	25.0	25.38	**101.5**								

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907d.rep **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	QC Std 6 11/20/07 1:47 AM Found	% Rec	QC Std 6 11/20/07 4:27 AM Found	% Rec	QC Std 6 11/20/07 5:16 AM Found	% Rec	QC Std 6 11/20/07 6:08 AM Found	% Rec	Found	% Rec
Antimony	121	50.0	47.14	**94.3**	47.66	**95.3**	47.23	**94.5**	46.69	**93.4**		
Arsenic	75	50.0	48.92	**97.8**	47.55	**95.1**	48.85	**97.7**	48.90	**97.8**		
Barium	135	50.0	47.93	**95.9**	48.94	**97.9**	49.17	**98.3**	48.95	**97.9**		
Beryllium	9	50.0	48.16	**96.3**	50.62	**101.2**	49.23	**98.5**	49.78	**99.6**		
Cadmium	111	50.0	48.68	**97.4**	48.24	**96.5**	48.52	**97.0**	48.13	**96.3**		
Chromium	52	50.0	49.56	**99.1**	48.31	**96.6**	47.33	**94.7**	49.08	**98.2**		
Cobalt	59	50.0	49.10	**98.2**	47.78	**95.6**	46.90	**93.8**	48.91	**97.8**		
Copper	65	50.0	47.92	**95.8**	48.81	**97.6**	48.96	**97.9**	48.30	**96.6**		
Lead	208	50.0	49.55	**99.1**	50.49	**101.0**	50.75	**101.5**	50.59	**101.2**		
Molybdenum	98	50.0	53.97	**107.9**	46.47	**92.9**	47.44	**94.9**	46.88	**93.8**		
Nickel	60	50.0	47.36	**94.7**	49.40	**98.8**	50.14	**100.3**	50.16	**100.3**		
Selenium	82	50.0	49.66	**99.3**	47.42	**94.8**	50.32	**100.6**	50.55	**101.1**		
Silver	107	50.0	48.25	**96.5**	48.06	**96.1**	47.73	**95.5**	47.70	**95.4**		
Thallium	205	50.0	50.07	**100.1**	50.23	**100.5**	50.79	**101.6**	50.67	**101.3**		
Vanadium	51	50.0	49.08	**98.2**	47.80	**95.6**	46.79	**93.6**	48.82	**97.6**		
Zinc	68	50.0	48.62	**97.2**	49.43	**98.9**	50.81	**101.6**	48.95	**97.9**		

Test America North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: CVAA **Units:** ug/L

Chart Number: hg41116d.prn **Acceptable Range:** 50% - 150%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck4CRA\MRL 11/16/07 9:23 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	0.2	0.20	**97.6**								

Test America North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: CVAA **Units:** ug/L

Chart Number: hg41120c.prn **Acceptable Range:** 50% - 150%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck4CRA\MRL 11/20/07 10:11 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	0.2	0.29	145.6								

Test America North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 111607c.rep **Acceptable Range:** 50% - 150%

Standard Source: **Standard ID:**

Element	WL/ Mass	True Conc	QC Std 3 11/16/07 4:07 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Antimony	121	2.0	1.88	**94.0**								
Arsenic	75	2.0	1.98	**99.1**								
Barium	135	1.0	1.02	**102.1**								
Beryllium	9	1.0	0.98	**98.1**								
Cadmium	111	0.5	0.52	**104.3**								
Chromium	52	2.0	2.17	**108.3**								
Cobalt	59	1.0	1.06	**105.8**								
Copper	65	2.0	2.06	**103.1**								
Lead	208	1.0	1.06	**106.5**								
Molybdenu	98	10.0	9.40	**94.0**								
Nickel	60	2.0	2.04	**101.9**								
Selenium	82	2.0	2.13	**106.7**								
Silver	107	0.5	0.51	**101.7**								
Thallium	205	1.0	1.02	**102.5**								
Vanadium	51	5.0	5.23	**104.6**								
Zinc	68	10.0	9.92	**99.2**								

Test America North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907a.rep **Acceptable Range:** 50% - 150%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	QC Std 3 11/19/07 11:35 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Chromium	52	2.0	1.60	**79.9**								
Cobalt	59	1.0	1.06	**106.3**								
Molybdenu	98	10.0	9.88	**98.8**								
Vanadium	51	5.0	5.16	**103.3**								

Test America North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907d.rep **Acceptable Range:** 50% - 150%

Standard Source: **Standard ID:**

Element	WL/ Mass	True Conc	QC Std 3 11/20/07 1:33 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Antimony	121	2.0	1.94	**97.2**								
Arsenic	75	2.0	1.89	**94.7**								
Barium	135	1.0	1.00	**99.8**								
Beryllium	9	1.0	0.93	**92.6**								
Cadmium	111	0.5	0.48	**96.3**								
Chromium	52	2.0	1.59	**79.7**								
Cobalt	59	1.0	1.03	**103.2**								
Copper	65	2.0	2.25	**112.4**								
Lead	208	1.0	1.07	**107.2**								
Molybdenu	98	10.0	9.90	**99.0**								
Nickel	60	2.0	2.13	**106.6**								
Selenium	82	2.0	1.51	**75.6**								
Silver	107	0.5	0.51	**101.3**								
Thallium	205	1.0	1.06	**105.8**								
Vanadium	51	5.0	5.44	**108.8**								
Zinc	68	10.0	9.66	**96.6**								

Test America North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg41116d.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	Ck3ICB 11/16/07 9:22 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U								

5.21.0

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg41116d.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	Ck5CCB 11/16/07 9:26 AM		Ck5CCB 11/16/07 9:35 AM		Ck5CCB 11/16/07 9:51 AM		Ck5CCB 11/16/07 10:06 AM		Ck5CCB 11/16/07 10:17 AM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg41116d.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	Ck5CCB 11/16/07 10:23 AM		Ck5CCB 11/16/07 10:39 AM		Ck5CCB 11/16/07 10:55 AM		Ck5CCB 11/16/07 11:11 AM		Ck5CCB 11/16/07 11:17 AM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg41116d.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	Ck5CCB 11/16/07 2:41 PM		Ck5CCB 11/16/07 2:57 PM		Ck5CCB 11/16/07 3:14 PM		Ck5CCB 11/16/07 3:29 PM		Ck5CCB 11/16/07 3:45 PM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg41116d.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	Ck5CCB 11/16/07 4:00 PM Found	Q	Ck5CCB 11/16/07 4:16 PM Found	Q	Ck5CCB 11/16/07 4:32 PM Found	Q	Ck5CCB 11/16/07 4:40 PM Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U	0.1	U	0.1	U	0.1	U		

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg41120c.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	Ck3ICB 11/20/07 10:10 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U								

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg41120c.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	Ck5CCB 11/20/07 10:14 AM		Ck5CCB 11/20/07 10:29 AM		Ck5CCB 11/20/07 10:44 AM		Ck5CCB 11/20/07 11:00 AM		Ck5CCB 11/20/07 11:05 AM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg41120c.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	Ck5CCB 11/20/07 11:09 AM Found	Q	Ck5CCB 11/20/07 11:25 AM Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U	0.1	U						

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 111607c.rep

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	QC Std 2 11/16/07 4:04 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Antimony	121	2	**0.16**	**B**								
Arsenic	75	5	0.27	U								
Barium	135	1	0.021	U								
Beryllium	9	1	0.02	U								
Cadmium	111	1	**0.017**	**B**								
Chromium	52	2	0.054	U								
Cobalt	59	1	0.013	U								
Copper	65	2	0.046	U								
Lead	208	1	0.015	U								
Molybdenum	98	2	0.66	U								
Nickel	60	2	0.053	U								
Selenium	82	5	1.6	U								
Silver	107	1	0.021	U								
Thallium	205	1	0.023	U								
Vanadium	51	20	0.25	U								
Zinc	68	20	**0.35**	**B**								

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 111607c.rep

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	QC Std 7 11/16/07 4:27 PM Found	Q	QC Std 7 11/16/07 6:09 PM Found	Q	QC Std 7 11/16/07 7:00 PM Found	Q	QC Std 7 11/16/07 7:47 PM Found	Q	QC Std 7 11/16/07 8:39 PM Found	Q
Antimony	121	2	**0.17**	**B**	**0.12**	**B**	**0.19**	**B**	**0.16**	**B**	**0.18**	**B**
Arsenic	75	5	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U
Barium	135	1	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U
Beryllium	9	1	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Cadmium	111	1	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Chromium	52	2	0.054	U	0.054	U	0.054	U	**-0.16**	**B**	**-0.2**	**B**
Cobalt	59	1	0.013	U	0.013	U	0.013	U	0.013	U	0.013	U
Copper	65	2	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U
Lead	208	1	0.015	U	0.015	U	0.015	U	0.015	U	0.015	U
Molybdenum	98	2	**1.9**	**B**	0.66	U	0.66	U	0.66	U	0.66	U
Nickel	60	2	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U
Selenium	82	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Silver	107	1	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U
Thallium	205	1	**0.055**	**B**	**-0.037**	**B**	**-0.038**	**B**	**-0.038**	**B**	0.023	U
Vanadium	51	20	0.25	U	**-0.3**	**B**	0.25	U	0.25	U	0.25	U
Zinc	68	20	**0.19**	**B**	0.12	U	**0.16**	**B**	**-0.18**	**B**	0.12	U

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 111607c.rep

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	QC Std 7 11/16/07 9:31 PM Found	Q	QC Std 7 11/16/07 10:19 PM Found	Q	QC Std 7 11/16/07 11:10 PM Found	Q	QC Std 7 11/16/07 11:57 PM Found	Q	QC Std 7 11/17/07 12:19 AM Found	Q
Antimony	121	2	**0.21**	**B**	**0.24**	**B**	**0.26**	**B**	**0.2**	**B**	**0.2**	**B**
Arsenic	75	5	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U
Barium	135	1	**0.022**	**B**	0.021	U	0.021	U	0.021	U	0.021	U
Beryllium	9	1	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Cadmium	111	1	**0.015**	**B**	0.014	U	0.014	U	0.014	U	0.014	U
Chromium	52	2	**-0.056**	**B**	**0.18**	**B**	**-0.1**	**B**	**-0.19**	**B**	**-0.21**	**B**
Cobalt	59	1	0.013	U	0.013	U	**0.032**	**B**	**0.02**	**B**	0.013	U
Copper	65	2	0.046	U	**0.3**	**B**	0.046	U	0.046	U	0.046	U
Lead	208	1	0.015	U	**0.29**	**B**	**0.035**	**B**	0.015	U	0.015	U
Molybdenum	98	2	0.66	U	0.66	U	0.66	U	0.66	U	0.66	U
Nickel	60	2	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U
Selenium	82	5	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
Silver	107	1	0.021	U	0.021	U	0.021	U	0.021	U	0.021	U
Thallium	205	1	0.023	U	**-0.044**	**B**	**-0.047**	**B**	**-0.05**	**B**	**-0.047**	**B**
Vanadium	51	20	**-0.56**	**B**	0.25	U	0.25	U	0.25	U	0.25	U
Zinc	68	20	0.12	U	**0.46**	**B**	**0.27**	**B**	**0.23**	**B**	0.12	U

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907a.rep

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	QC Std 2 11/19/07 11:32 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Chromium	52	2	**0.13**	**B**								
Cobalt	59	1	0.013	U								
Molybdenum	98	2	0.66	U								
Vanadium	51	20	0.25	U								

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907a.rep

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	QC Std 7 11/19/07 12:04 PM Found	Q	QC Std 7 11/19/07 12:55 PM Found	Q	QC Std 7 11/19/07 1:43 PM Found	Q	QC Std 7 11/19/07 2:33 PM Found	Q	Found	Q
Chromium	52	2	**0.14**	**B**	**0.23**	**B**	**0.21**	**B**	**0.21**	**B**		
Cobalt	59	1	0.013	U	0.013	U	0.013	U	**0.031**	**B**		
Molybdenum	98	2	**1.3**	**B**	0.66	U	0.66	U	0.66	U		
Vanadium	51	20	0.25	U	**-0.39**	**B**	**-0.48**	**B**	0.25	U		

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907d.rep

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	QC Std 2 11/20/07 1:30 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Antimony	121	2	**0.17**	**B**								
Arsenic	75	5	0.27	U								
Barium	135	1	**0.024**	**B**								
Beryllium	9	1	0.02	U								
Cadmium	111	1	0.014	U								
Chromium	52	2	0.054	U								
Cobalt	59	1	0.013	U								
Copper	65	2	0.046	U								
Lead	208	1	**0.019**	**B**								
Molybdenum	98	2	0.66	U								
Nickel	60	2	0.053	U								
Selenium	82	5	1.6	U								
Silver	107	1	0.021	U								
Thallium	205	1	0.023	U								
Vanadium	51	20	0.25	U								
Zinc	68	20	0.12	U								

U Result is less than the IDL

B Result is between IDL and RL

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907d.rep

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	QC Std 7 11/20/07 1:53 AM Found	Q	QC Std 7 11/20/07 4:33 AM Found	Q	QC Std 7 11/20/07 5:22 AM Found	Q	QC Std 7 11/20/07 6:14 AM Found	Q	Found	Q
Antimony	121	2	**0.23**	**B**	**0.17**	**B**	**0.22**	**B**	**0.14**	**B**		
Arsenic	75	5	0.27	U	0.27	U	0.27	U	0.27	U		
Barium	135	1	**0.031**	**B**	**0.056**	**B**	**0.061**	**B**	**0.069**	**B**		
Beryllium	9	1	**0.034**	**B**	**0.034**	**B**	**0.038**	**B**	**0.031**	**B**		
Cadmium	111	1	**0.027**	**B**	**0.019**	**B**	**0.044**	**B**	**0.036**	**B**		
Chromium	52	2	0.054	U	0.054	U	0.054	U	**0.07**	**B**		
Cobalt	59	1	**0.013**	**B**	**0.015**	**B**	**0.04**	**B**	**0.043**	**B**		
Copper	65	2	0.046	U	0.046	U	0.046	U	0.046	U		
Lead	208	1	**0.023**	**B**	**0.24**	**B**	**0.34**	**B**	**0.16**	**B**		
Molybdenum	98	2	**2.9**		0.66	U	0.66	U	0.66	U		
Nickel	60	2	0.053	U	0.053	U	**0.06**	**B**	**0.077**	**B**		
Selenium	82	5	1.6	U	1.6	U	1.6	U	1.6	U		
Silver	107	1	0.021	U	0.021	U	0.021	U	**0.024**	**B**		
Thallium	205	1	**0.092**	**B**	**0.03**	**B**	**0.1**	**B**	**0.06**	**B**		
Vanadium	51	20	0.25	U	0.25	U	0.25	U	0.25	U		
Zinc	68	20	0.12	U	0.12	U	0.12	U	0.12	U		

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: KA9W2B

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.048	2.0	0.048	U	1	ICPMS	11/16/07	18:12
Arsenic	75	0.27	5.0	0.27	U	1	ICPMS	11/16/07	18:12
Barium	**135**	**0.021**	**1.0**	**0.042**	**B**	**1**	**ICPMS**	**11/16/07**	**18:12**
Beryllium	9	0.020	1.0	0.020	U	1	ICPMS	11/16/07	18:12
Cadmium	**111**	**0.014**	**1.0**	**0.025**	**B**	**1**	**ICPMS**	**11/16/07**	**18:12**
Chromium	**52**	**0.054**	**2.0**	**0.56**	**B**	**1**	**ICPMS**	**11/16/07**	**18:12**
Cobalt	59	0.013	1.0	-0.043	B	1	ICPMS	11/16/07	18:12
Copper	65	0.046	2.0	0.046	U	1	ICPMS	11/16/07	18:12
Lead	**208**	**0.015**	**1.0**	**0.016**	**B**	**1**	**ICPMS**	**11/16/07**	**18:12**
Molybdenum	98	0.66	2.0	0.66	U	1	ICPMS	11/16/07	18:12
Nickel	**60**	**0.053**	**2.0**	**0.30**	**B**	**1**	**ICPMS**	**11/16/07**	**18:12**
Selenium	82	1.6	5.0	1.6	U	1	ICPMS	11/16/07	18:12
Silver	107	0.021	1.0	0.021	U	1	ICPMS	11/16/07	18:12
Thallium	205	0.023	1.0	-0.048	B	1	ICPMS	11/16/07	18:12
Vanadium	51	0.25	20.0	0.25	U	1	ICPMS	11/16/07	18:12
Zinc	**68**	**0.12**	**20.0**	**5.2**	**B**	**1**	**ICPMS**	**11/16/07**	**18:12**

KA71H TOTAL

KA71H DISS

Comments: Lot #: A7K140155

5.21.0

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: KA9W2B

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	11/16/07	11:05

Comments: Lot #: A7K140155

5.21.0

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: KCDWPB

Matrix: Water **Units:** ug/L **Prep Date:** 11/16/07 **Prep Batch:** 7320027

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.048	2.0	0.048	U	1	ICPMS	11/16/07	22:38
Arsenic	75	0.27	5.0	0.27	U	1	ICPMS	11/16/07	22:38
Barium	**135**	**0.021**	**1.0**	**0.043**	**B**	**1**	**ICPMS**	**11/16/07**	**22:38**
Beryllium	9	0.020	1.0	0.020	U	1	ICPMS	11/16/07	22:38
Cadmium	111	0.014	1.0	0.014	U	1	ICPMS	11/16/07	22:38
Chromium	**52**	**0.054**	**2.0**	**0.43**	**B**	**1**	**ICPMS**	**11/16/07**	**22:38**
Cobalt	59	0.013	1.0	-0.046	B	1	ICPMS	11/19/07	12:35
Copper	**65**	**0.046**	**2.0**	**0.14**	**B**	**1**	**ICPMS**	**11/16/07**	**22:38**
Lead	**208**	**0.015**	**1.0**	**0.089**	**B**	**1**	**ICPMS**	**11/16/07**	**22:38**
Molybdenum	98	0.66	2.0	-0.76	B	1	ICPMS	11/16/07	22:38
Nickel	**60**	**0.053**	**2.0**	**0.072**	**B**	**1**	**ICPMS**	**11/16/07**	**22:38**
Selenium	82	1.6	5.0	1.6	U	1	ICPMS	11/16/07	22:38
Silver	107	0.021	1.0	0.021	U	1	ICPMS	11/16/07	22:38
Thallium	205	0.023	1.0	-0.062	B	1	ICPMS	11/16/07	22:38
Vanadium	51	0.25	20.0	0.25	U	1	ICPMS	11/16/07	22:38
Zinc	**68**	**0.12**	**20.0**	**1.8**	**B**	**1**	**ICPMS**	**11/16/07**	**22:38**

KCATK Total
KCATK dissolv

Comments: Lot #: A7K150199

5.21.0

U Result is less than the IDL
B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: KCDWPB

Matrix: Water **Units:** ug/L **Prep Date:** 11/16/07 **Prep Batch:** 7320027Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	11/16/07	16:08

Comments: Lot #: A7K150199

5.21.0

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: KCJL1B

Matrix: Water **Units:** ug/L **Prep Date:** 11/19/07 **Prep Batch:** 7323022

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.048	2.0	0.048	U	1	ICPMS	11/20/07	5:10
Arsenic	75	0.27	5.0	0.27	U	1	ICPMS	11/20/07	5:10
Barium	**135**	**0.021**	**1.0**	**0.84**	**B**	**1**	**ICPMS**	**11/20/07**	**5:10**
Beryllium	**9**	**0.020**	**1.0**	**0.022**	**B**	**1**	**ICPMS**	**11/20/07**	**5:10**
Cadmium	**111**	**0.014**	**1.0**	**0.015**	**B**	**1**	**ICPMS**	**11/20/07**	**5:10**
Chromium	52	0.054	2.0	-0.13	B	1	ICPMS	11/20/07	5:10
Cobalt	59	0.013	1.0	-0.014	B	1	ICPMS	11/20/07	5:10
Copper	**65**	**0.046**	**2.0**	**0.40**	**B**	**1**	**ICPMS**	**11/20/07**	**5:10**
Lead	**208**	**0.015**	**1.0**	**0.65**	**B**	**1**	**ICPMS**	**11/20/07**	**5:10**
Molybdenum	98	0.66	2.0	0.66	U	1	ICPMS	11/20/07	5:10
Nickel	**60**	**0.053**	**2.0**	**0.10**	**B**	**1**	**ICPMS**	**11/20/07**	**5:10**
Selenium	82	1.6	5.0	1.6	U	1	ICPMS	11/20/07	5:10
Silver	107	0.021	1.0	0.021	U	1	ICPMS	11/20/07	5:10
Thallium	**205**	**0.023**	**1.0**	**0.057**	**B**	**1**	**ICPMS**	**11/20/07**	**5:10**
Vanadium	51	0.25	20.0	0.25	U	1	ICPMS	11/20/07	5:10
Zinc	**68**	**0.12**	**20.0**	**4.6**	**B**	**1**	**ICPMS**	**11/20/07**	**5:10**

KCE51 TOTAL

KCE51 dissolved

Comments: Lot #: A7K160209

5.21.0

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: KCJL1B

Matrix: Water **Units:** ug/L **Prep Date:** 11/19/07 **Prep Batch:** 7323022Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	11/20/07	11:10

Comments: Lot #: A7K160209

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPMS **Units:** ug/L

Chart Number: 111607c.rep **Acceptable Range:** 0% - 0%

Standard Source: **Standard ID:**

Element	WL/ Mass	Reporting Limit	True Conc	QC Std 4 11/16/07 4:11 PM Found	Found	Found	Found	Found
Antimony	121	2		0.210				
Arsenic	75	5		0.045				
Barium	135	1		0.780				
Beryllium	9	1		0.002				
Cadmium	111	1		-0.150				
Chromium	52	2		1				
Cobalt	59	1		0.110				
Copper	65	2		2				
Lead	208	1		0.065				
Molybdenum	98	2	1000	1090				
Nickel	60	2		2				
Selenium	82	5		-0.380				
Silver	107	1		0.051				
Thallium	205	1		-0.034				
Vanadium	51	20		0.022				
Zinc	68	20		3				

U Result is less than the IDL

B Result is between IDL and RL

Form 4 Equivalent

Test America North Canton

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907a.rep **Acceptable Range:** 0% - 0%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Reporting Limit	True Conc	QC Std 4 11/19/07 11:47 AM Found	Found	Found	Found	Found
Chromium	52	2		0.650				
Cobalt	59	1		0.095				
Molybdenum	98	2	1000	930				
Vanadium	51	20		0.210				

U Result is less than the IDL

B Result is between IDL and RL

Form 4 Equivalent

Test America North Canton

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907d.rep **Acceptable Range:** 0% - 0%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Reporting Limit	True Conc	QC Std 4 11/20/07 1:36 AM Found	Found	Found	Found	Found
Antimony	121	2		0.220				
Arsenic	75	5		-0.120				
Barium	135	1		0.730				
Beryllium	9	1		0.012				
Cadmium	111	1		-0.250				
Chromium	52	2		0.710				
Cobalt	59	1		0.110				
Copper	65	2		2				
Lead	208	1		0.029				
Molybdenum	98	2	1000	956				
Nickel	60	2		2				
Selenium	82	5		-0.870				
Silver	107	1		0.038				
Thallium	205	1		-0.006				
Vanadium	51	20		0.270				
Zinc	68	20		2				

Test America North Canton

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPMS **Units:** ug/L

Chart Number: 111607c.rep **Acceptable Range:** 50% - 150%

Standard Source: **Standard ID:**

Element	WL/ Mass	True Conc	QC Std 5 11/16/07 4:15 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Antimony	121	100	108.4	**108.4**								
Arsenic	75	100	101.8	**101.8**								
Barium	135	100	102.7	**102.7**								
Beryllium	9	100	97.4	**97.4**								
Cadmium	111	100	99.8	**99.8**								
Chromium	52	100	103.9	**103.9**								
Cobalt	59	100	101.2	**101.2**								
Copper	65	100	98.5	**98.5**								
Lead	208	100	99.7	**99.7**								
Molybdenum	98	1000	1220	**122.0**								
Nickel	60	100	101.4	**101.4**								
Selenium	82	100	105.8	**105.8**								
Silver	107	100	101.8	**101.8**								
Thallium	205	100	96.7	**96.7**								
Vanadium	51	100	103.1	**103.1**								
Zinc	68	100	99.1	**99.1**								

N Spike recovery failed
NC Percent recovery was not calculated
U Result is less than the IDL

Form 4 Equivalent

Test America North Canton

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPMS

Units: ug/L

Chart Number: 111907a.rep

Acceptable Range: 50% - 150%

Standard Source:

Standard ID:

Element	WL/ Mass	True Conc	QC Std 5 11/19/07 11:51 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Chromium	52	100	98.7	**98.7**								
Cobalt	59	100	94.6	**94.6**								
Molybdenum	98	1000	1021.7	**102.2**								
Vanadium	51	100	98.1	**98.1**								

Test America North Canton

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPMS **Units:** ug/L

Chart Number: 111907d.rep **Acceptable Range:** 50% - 150%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	QC Std 5 11/20/07 1:40 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Antimony	121	100	110.1	**110.1**								
Arsenic	75	100	103.7	**103.7**								
Barium	135	100	103.4	**103.4**								
Beryllium	9	100	92.7	**92.7**								
Cadmium	111	100	98.2	**98.2**								
Chromium	52	100	102.1	**102.1**								
Cobalt	59	100	101.5	**101.5**								
Copper	65	100	99.6	**99.6**								
Lead	208	100	99.2	**99.2**								
Molybdenum	98	1000	1103.6	**110.4**								
Nickel	60	100	100.5	**100.5**								
Selenium	82	100	107.6	**107.6**								
Silver	107	100	97.3	**97.3**								
Thallium	205	100	98.5	**98.5**								
Vanadium	51	100	100.4	**100.4**								
Zinc	68	100	101.2	**101.2**								

N Spike recovery failed
NC Percent recovery was not calculated
U Result is less than the IDL

Form 4 Equivalent

Test America North Canton

Metals Data Reporting Form

Matrix Spike Sample Results

Spike Sample ID: KA71HS

Original Sample ID: KA71H **Client ID:** MRC-MW70B-111207S

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MS Conc	Q	Spike Level	% Rec	OS DF	MS DF	Instr	OS Anal Date	OS Anal Time	MS Anal Date	MS Anal Time
Antimony	121	0.28	B	102		100	101.5	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Arsenic	75	1.3	B	107		100	106.0	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Barium	135	90.0		185		100	94.9	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Beryllium	9	0.21	B	101		100	100.9	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Cadmium	111	0.022	B	103		100	102.7	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Chromium	52	0.25	B	94.4		100	94.2	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Cobalt	59	39.8		128		100	88.0	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Copper	65	0.16	B	93.6		100	93.5	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Lead	208	0.048	B	98.5		100	98.5	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Molybdenum	98	0.66	U	81.6		100	81.6	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Nickel	60	56.8		153		100	96.2	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Selenium	82	1.6	U	116		100	116.0	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Silver	107	0.021	U	58.6		100	58.6	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Thallium	205	0.023	U	97.9		100	97.9	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Vanadium	51	0.25	U	95.6		100	95.6	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35
Zinc	68	80.9		189		100	107.6	1	1	ICPMS	11/16/07	18:20	11/16/07	18:35

Comments: Lot #: A7K140155 Sample #: 1

5.21.0

N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits
E Serial dilution percent difference not within limits
U Result is less than the IDL

Form 5A Equivalent

Test America North Canton

Metals Data Reporting Form

Matrix Spike Sample Results

Spike Sample ID: KA71HS

Original Sample ID: KA71H **Client ID:** MRC-MW70B-111207S

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MS Conc	Q	Spike Level	% Rec	OS DF	MS DF	Instr	OS Anal Date	OS Anal Time	MS Anal Date	MS Anal Time
Mercury	253.7	0.10	U	1.1		1	111.3	1	1	CVAA	11/16/07	11:07	11/16/07	11:12

Comments: Lot #: A7K140155 Sample #: 1

5.21.0

N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits
E Serial dilution percent difference not within limits
U Result is less than the IDL

Form 5A Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Duplicate RPD Report

Duplicate Sample ID: KA71HX

Original Sample ID: KA71H **Client ID:** MRC-MW70B-111207X

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Dupe Conc	Q	% RPD	OS DF	Dupe DF	Instr	OS Anal Date	OS Anal Time	Dupe Anal Date	Dupe Anal Time
Antimony	121	0.28	B	0.048	U	0.3	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Arsenic	75	1.3	B	1.1	B	0.2	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Barium	135	90.0		81.9		9.4	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Beryllium	9	0.21	B	0.20	B	0.0	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Cadmium	111	0.022	B	0.016	B	0.0	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Chromium	52	0.25	B	0.28	B	0.0	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Cobalt	59	39.8		36.4		8.9	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Copper	65	0.16	B	0.22	B	0.1	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Lead	208	0.048	B	0.051	B	0.0	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Molybdenum	98	0.66	U	0.66	U		1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Nickel	60	56.8		52.0		8.7	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Selenium	82	1.6	U	1.6	U		1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Silver	107	0.021	U	0.021	U		1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Thallium	205	0.023	U	0.023	U		1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Vanadium	51	0.25	U	0.47	B	0.4	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31
Zinc	68	80.9		72.8		8.1	1	1	ICPMS	11/16/07	18:20	11/16/07	18:31

* Duplicate analysis RPD was not within limits

U Result is less than the IDL

B Result is between IDL and RL

Form 6 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Duplicate RPD Report

Duplicate Sample ID: KA71HX

Original Sample ID: KA71H **Client ID:** MRC-MW70B-111207X

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Dupe Conc	Q	% RPD	OS DF	Dupe DF	Instr	OS Anal Date	OS Anal Time	Dupe Anal Date	Dupe Anal Time
Mercury	253.7	0.10	U	0.10	U		1	1	CVAA	11/16/07	11:07	11/16/07	11:08

* Duplicate analysis RPD was not within limits

U Result is less than the IDL

B Result is between IDL and RL

Form 6 Equivalent

Test America North Canton

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: KA9W2C

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Antimony	121	100	99.3	99.3		57-110	1	ICPMS	11/16/07	18:15
Arsenic	75	100	107	106.9		86-118	1	ICPMS	11/16/07	18:15
Barium	135	100	99.7	99.7		83-110	1	ICPMS	11/16/07	18:15
Beryllium	9	100	110	109.6		84-120	1	ICPMS	11/16/07	18:15
Cadmium	111	100	110	109.6		89-114	1	ICPMS	11/16/07	18:15
Chromium	52	100	108	107.7		81-110	1	ICPMS	11/16/07	18:15
Cobalt	59	100	107	107.1		82-113	1	ICPMS	11/16/07	18:15
Copper	65	100	101	101.0		82-113	1	ICPMS	11/16/07	18:15
Lead	208	100	101	101.0		84-113	1	ICPMS	11/16/07	18:15
Molybdenum	98	100	88.0	88.0		62-111	1	ICPMS	11/16/07	18:15
Nickel	60	100	98.3	98.3		80-111	1	ICPMS	11/16/07	18:15
Selenium	82	100	115	114.7		90-128	1	ICPMS	11/16/07	18:15
Silver	107	100	104	103.9		83-111	1	ICPMS	11/16/07	18:15
Thallium	205	100	98.2	98.2		82-113	1	ICPMS	11/16/07	18:15
Vanadium	51	100	106	105.8		82-110	1	ICPMS	11/16/07	18:15
Zinc	68	100	116	115.6		90-129	1	ICPMS	11/16/07	18:15

Comments: Lot #: A7K140155

5.21.0

N Spike recovery failed

NC Percent recovery was not calculated

Form 7 Equivalent

Test America North Canton

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: KA9W2C

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Mercury	253.7	5.0	5.5	110.8		81-123	1	CVAA	11/16/07	11:06

Comments: Lot #: A7K140155

N Spike recovery failed

NC Percent recovery was not calculated

Test America North Canton

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: KCDWPC

Matrix: Water **Units:** ug/L **Prep Date:** 11/16/07 **Prep Batch:** 7320027

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Antimony	121	100	94.4	94.4		57-110	1	ICPMS	11/16/07	22:42
Arsenic	75	100	103	103.1		86-118	1	ICPMS	11/16/07	22:42
Barium	135	100	101	100.6		83-110	1	ICPMS	11/16/07	22:42
Beryllium	9	100	101	100.7		84-120	1	ICPMS	11/16/07	22:42
Cadmium	111	100	108	107.8		89-114	1	ICPMS	11/16/07	22:42
Chromium	52	100	102	102.4		81-110	1	ICPMS	11/16/07	22:42
Cobalt	59	100	109	109.2		82-113	1	ICPMS	11/19/07	12:39
Copper	65	100	94.7	94.7		82-113	1	ICPMS	11/16/07	22:42
Lead	208	100	97.7	97.7		84-113	1	ICPMS	11/16/07	22:42
Molybdenum	98	100	85.2	85.2		62-111	1	ICPMS	11/16/07	22:42
Nickel	60	100	93.5	93.5		80-111	1	ICPMS	11/16/07	22:42
Selenium	82	100	112	111.6		90-128	1	ICPMS	11/16/07	22:42
Silver	107	100	99.4	99.4		83-111	1	ICPMS	11/16/07	22:42
Thallium	205	100	96.1	96.1		82-113	1	ICPMS	11/16/07	22:42
Vanadium	51	100	101	101.2		82-110	1	ICPMS	11/16/07	22:42
Zinc	68	100	114	114.2		90-129	1	ICPMS	11/16/07	22:42

Comments: Lot #: A7K150199

N Spike recovery failed

NC Percent recovery was not calculated

Test America North Canton

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: KCDWPC

Matrix: Water **Units:** ug/L **Prep Date:** 11/16/07 **Prep Batch:** 7320027Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Mercury	253.7	5.0	5.0	99.1		81-123	1	CVAA	11/16/07	16:09

Comments: Lot #: A7K150199

N Spike recovery failed

NC Percent recovery was not calculated

Test America North Canton

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: KCJL1C

Matrix: Water **Units:** ug/L **Prep Date:** 11/19/07 **Prep Batch:** 7323022

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Antimony	121	100	98.3	98.3		57-110	1	ICPMS	11/20/07	5:25
Arsenic	75	100	106	106.2		86-118	1	ICPMS	11/20/07	5:25
Barium	135	100	99.8	99.8		83-110	1	ICPMS	11/20/07	5:25
Beryllium	9	100	108	107.6		84-120	1	ICPMS	11/20/07	5:25
Cadmium	111	100	105	105.5		89-114	1	ICPMS	11/20/07	5:25
Chromium	52	100	103	103.2		81-110	1	ICPMS	11/20/07	5:25
Cobalt	59	100	105	104.8		82-113	1	ICPMS	11/20/07	5:25
Copper	65	100	102	102.0		82-113	1	ICPMS	11/20/07	5:25
Lead	208	100	103	102.6		84-113	1	ICPMS	11/20/07	5:25
Molybdenum	98	100	85.8	85.8		62-111	1	ICPMS	11/20/07	5:25
Nickel	60	100	100	100.5		80-111	1	ICPMS	11/20/07	5:25
Selenium	82	100	115	115.5		90-128	1	ICPMS	11/20/07	5:25
Silver	107	100	102	102.0		83-111	1	ICPMS	11/20/07	5:25
Thallium	205	100	101	101.2		82-113	1	ICPMS	11/20/07	5:25
Vanadium	51	100	101	101.0		82-110	1	ICPMS	11/20/07	5:25
Zinc	68	100	114	114.4		90-129	1	ICPMS	11/20/07	5:25

Comments: Lot #: A7K160209

N Spike recovery failed

NC Percent recovery was not calculated

Test America North Canton

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: KCJL1C

Matrix: Water **Units:** ug/L **Prep Date:** 11/19/07 **Prep Batch:** 7323022Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Mercury	253.7	5.0	4.7	94.1		81-123	1	CVAA	11/20/07	11:12

Comments: Lot #: A7K160209

5.21.0

N Spike recovery failed

NC Percent recovery was not calculated

Form 7 Equivalent

Test America North Canton

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: KA71HFL

Original Sample ID: KA71HF **Client ID:** MRC-MW70B-111207F

Matrix: Water **Units:** ug/L **Prep Date:** 11/15/07 **Prep Batch:** 7319028

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Antimony	121	0.080	B	0.52	B		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Arsenic	75	1.2	B	1.5	B		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Barium	135	84.2		92.3		9.6	1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Beryllium	9	0.16	B	0.10	U		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Cadmium	111	0.018	B	0.33	B		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Chromium	52	0.054	U	0.27	U		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Cobalt	59	37.7		42.3		12.2	1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Copper	65	0.15	B	0.73	B		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Lead	208	0.015	U	0.075	U		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Molybdenum	98	0.66	U	3.3	U		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Nickel	60	56.3		63.3		12.4	1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Selenium	82	1.6	U	8.0	U		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Silver	107	0.021	U	0.10	U		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Thallium	205	0.023	U	0.12	U		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Vanadium	51	0.25	U	1.2	U		1	5	ICPMS	11/16/07	18:24	11/16/07	18:28
Zinc	68	79.7		82.9	B	4.0i	1	5	ICPMS	11/16/07	18:24	11/16/07	18:28

Comments:

5.21.0

E Serial dilution percent difference not within limits

U Result is less than the IDL

B Result is between IDL and RL

Form 9 Equivalent

Test America North Canton

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: KCATKFL

Original Sample ID: KCATKF **Client ID:** MRC-MW70B-111407F

Matrix: Water **Units:** ug/L **Prep Date:** 11/16/07 **Prep Batch:** 7320027

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Antimony	121	0.048	U	0.24	U		1	5	ICPMS	11/17/07	0:04	11/17/07	0:07
Arsenic	75	1.2	B	1.7	B		1	5	ICPMS	11/17/07	0:04	11/17/07	0:07
Barium	135	84.0		87.5		4.17	1	5	ICPMS	11/17/07	0:04	11/17/07	0:07
Beryllium	9	0.20	B	0.24	B		1	5	ICPMS	11/17/07	0:04	11/17/07	0:07
Cadmium	111	0.014	U	0.070	U		1	5	ICPMS	11/17/07	0:04	11/17/07	0:07
Chromium	52	0.054	U	0.27	U		1	5	ICPMS	11/19/07	14:18	11/19/07	14:21
Cobalt	59	45.4		49.0		7.93	1	5	ICPMS	11/19/07	14:18	11/19/07	14:21
Copper	65	0.13	B	0.27	B		1	5	ICPMS	11/17/07	0:04	11/17/07	0:07
Lead	208	0.018	B	0.075	U		1	5	ICPMS	11/17/07	0:04	11/17/07	0:07
Molybdenum	98	0.66	U	3.3	U		1	5	ICPMS	11/19/07	14:18	11/19/07	14:21
Nickel	60	62.3		66.1		6.10	1	5	ICPMS	11/17/07	0:04	11/17/07	0:07
Selenium	82	1.6	U	8.0	U		1	5	ICPMS	11/17/07	0:04	11/17/07	0:07
Silver	107	0.021	U	0.10	U		1	5	ICPMS	11/17/07	0:04	11/17/07	0:07
Thallium	205	0.023	U	0.12	U		1	5	ICPMS	11/17/07	0:04	11/17/07	0:07
Vanadium	51	0.25	U	1.2	U		1	5	ICPMS	11/19/07	14:18	11/19/07	14:21
Zinc	68	98.3		93.5	B	4.88	1	5	ICPMS	11/17/07	0:04	11/17/07	0:07

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 9 Equivalent

Test America North Canton

Metals Data Reporting Form

Instrument Detection Limits

Instrument: CVAA **Units:** ppb

Element	Wavelength	Reporting Limit	IDL	Date of IDL
Mercury	253.700	0.2	0.10	11/07/07

Test America North Canton

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICPMS **Units:** ppb

Element	Mass	Reporting Limit	IDL	Date of IDL
Antimony	121	2.0	0.048	09/18/07
Arsenic	75	5.0	0.27	09/18/07
Barium	135	1.0	0.021	09/18/07
Beryllium	9	1.0	0.020	09/18/07
Cadmium	111	1.0	0.014	09/18/07
Chromium	52	2.0	0.054	09/18/07
Cobalt	59	1.0	0.013	09/18/07
Copper	65	2.0	0.046	09/18/07
Lead	208	1.0	0.015	09/18/07
Molybdenum	98	2.0	0.66	09/18/07
Nickel	60	2.0	0.053	09/18/07
Selenium	82	5.0	1.6	09/18/07
Silver	107	1.0	0.021	09/18/07
Thallium	205	1.0	0.023	09/18/07
Vanadium	51	20.0	0.25	09/18/07
Zinc	68	20.0	0.12	09/18/07

Test America North Canton

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICPMS **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Antimony	121.00	2000	04/26/07
Arsenic	75.00	5000	04/26/07
Barium	135.00	5000	04/26/07
Beryllium	9.00	2500	04/26/07
Cadmium	111.00	5000	04/26/07
Chromium	52.00	5000	04/26/07
Cobalt	59.00	5000	04/26/07
Copper	65.00	5000	04/26/07
Lead	208.00	5000	04/26/07
Molybdenum	98.00	5000	04/26/07
Nickel	60.00	5000	04/26/07
Selenium	82.00	5000	04/26/07
Silver	107.00	2000	04/26/07
Thallium	205.00	5000	04/26/07
Vanadium	51.00	5000	04/26/07
Zinc	68.00	5000	04/26/07

Batch Number: **7319028**

TestAmerica Laboratories, Inc.
Metals Prep Log/ Batch Summary

Prepared By: Lisa McGall (e-Signature)

Prep Date: 11/15/07
Due Date: 11/28/07

Lot	Work Order			ICP Weight	ICPMS Weight	Hg Weight
A7K150000 Water	KA9W2	B	Due Date: SDG:		50 mL	100 mL
A7K150000 Water	KA9W2	C	Due Date: SDG:		50 mL	100 mL
A7K140155 Water	KA71H Dissolved		Due Date: 11/28/07 SDG: 7K13126		50 mL	100 mL
A7K140155 Water	KA71H Total		Due Date: 11/28/07 SDG: 7K13126		50 mL	100 mL
A7K140155 Water	KA71H Total	S	Due Date: 11/28/07 SDG: 7K13126		50 mL	100 mL
A7K140155 Water	KA71H Total	X	Due Date: 11/28/07 SDG: 7K13126		50 mL	100 mL

LEVEL 2

BLANK AND CHECK STANDARD ON BATCH	X
MS/MSD AND PDS ON BATCH	X
CORRECT SPIKES ADDED	X
SPIKING SOLUTIONS DOCUMENTED ON BATCH LOG	X

Comments:

B-BLANK; C-CHECK SAMPLE; L-CHECK SAMPLE DUPLICATE; P-SERIAL DILUTION; S-MATRIX SPIKE SAMPLE; D-MATRIX SPIKE DUPLICATE SAMPLE

ICPMS ELEMENTS WITHIN THE BATCH:

AG AS BA BE CD CO CR CU MO NI PB SB SE TL VX ZN

Matrix Spike Information:

KA71H Hg ICPMS-1

Check Sample Information:

KA9W2 Hg ICPMS-1

Prep Method(s): SW846 3005A, SW846 7470A

Batch Number: **7320027**

TestAmerica Laboratories, Inc.
Metals Prep Log/ Batch Summary

Prepared By: Lisa McGall (e-Signature)

Prep Date: 11/16/07
Due Date: 11/29/07

Lot	Work Order			ICP Weight	ICPMS Weight	Hg Weight
A7K160000 Water	KCDWP	B	Due Date: SDG:		50 mL	100 mL
A7K160000 Water	KCDWP	C	Due Date: SDG:		50 mL	100 mL
A7K150194 Water	KCAPK Dissolved		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAPK Total		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAPK Total	S	Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAPK Total	X	Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAPP Dissolved		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAPP Total		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAPV Dissolved		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAPV Total		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAP2 Dissolved		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAP2 Total		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAP6 Dissolved		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAP6 Total		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAQC Dissolved		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150194 Water	KCAQC Total		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150199 Water	KCATK Dissolved		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL
A7K150199 Water	KCATK Total		Due Date: 11/29/07 SDG: 7K13126		50 mL	100 mL

Batch Number: **7320027**

TestAmerica Laboratories, Inc.
Metals Prep Log/ Batch Summary

Prepared By:
Lisa McGall
(e-Signature)

Prep Date: 11/16/07
Due Date: 11/29/07

Lot	Work Order	ICP Weight	ICPMS Weight	Hg Weight
	LEVEL 2			
	BLANK AND CHECK STANDARD ON BATCH	X		
	MS/MSD AND PDS ON BATCH	X		
	CORRECT SPIKES ADDED	X		
	SPIKING SOLUTIONS DOCUMENTED ON BATCH LOG	X		

Comments:

B-BLANK; C-CHECK SAMPLE; L-CHECK SAMPLE DUPLICATE; P-SERIAL DILUTION; S-MATRIX SPIKE SAMPLE; D-MATRIX SPIKE DUPLICATE SAMPLE

ICPMS ELEMENTS WITHIN THE BATCH:

AG AS BA BE CD CO CR CU MO NI PB SB SE TL VX ZN

Matrix Spike Information:

KCAPK	Hg	ICPMS-1

Check Sample Information:

KCDWP	Hg	ICPMS-1

Prep Method(s): SW846 3005A, SW846 7470A

Batch Number: **7323022**

TestAmerica Laboratories, Inc.
Metals Prep Log/ Batch Summary

Prepared By:
Lisa McGall
(e-Signature)

Prep Date: 11/19/07
Due Date: 11/21/07

Lot	Work Order			ICP Weight	ICPMS Weight	Hg Weight
A7K190000 Water	KCJL1	B	Due Date: SDG:		50 mL	100 mL
A7K190000 Water	KCJL1	C	Due Date: SDG:		50 mL	100 mL
A7K160209 Water	KCE51 Dissolved		Due Date: 11/21/07 SDG: 7K13126		50 mL	100 mL
A7K160209 Water	KCE51 Total		Due Date: 11/21/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCEDV Dissolved		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCEDV Total		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCEDV Total	S	Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCEDV Total	X	Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCED7 Dissolved		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCED7 Total		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCED9 Dissolved		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCED9 Total		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCEEA Dissolved		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCEEA Total		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCEED Dissolved		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K160132 Water	KCEED Total		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K170226 Water	KCJC3 Dissolved		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K170226 Water	KCJC3 Total		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K170226 Water	KCJC6 Dissolved		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K170226 Water	KCJC6 Total		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K170226 Water	KCJC7 Dissolved		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL
A7K170226 Water	KCJC7 Total		Due Date: 11/30/07 SDG: 7K13126		50 mL	100 mL

Batch Number: **7323022**

TestAmerica Laboratories, Inc.
Metals Prep Log/ Batch Summary

Prepared By:
Lisa McGall
(e-Signature)

Prep Date: 11/19/07
Due Date: 11/21/07

Lot	Work Order	ICP Weight	ICPMS Weight	Hg Weight
	LEVEL 2			
	BLANK AND CHECK STANDARD ON BATCH	X		
	MS/MSD AND PDS ON BATCH	X		
	CORRECT SPIKES ADDED	X		
	SPIKING SOLUTIONS DOCUMENTED ON BATCH LOG	X		

Comments:

B-BLANK; C-CHECK SAMPLE; L-CHECK SAMPLE DUPLICATE; P-SERIAL DILUTION; S-MATRIX SPIKE SAMPLE; D-MATRIX SPIKE DUPLICATE SAMPLE

ICPMS ELEMENTS WITHIN THE BATCH:

AG AS BA BE CD CO CR CU MO NI PB SB SE TL VX ZN

Matrix Spike Information:

KCEDV	Hg	ICPMS-1

Check Sample Information:

KCJL1	Hg	ICPMS-1

Prep Method(s): SW846 3005A, SW846 7470A

```
:       Instrument Upload                                          Run Log - Page  1 :
:       Started Mon Nov 19 06:35:33 2007 by LISTM                                    :
:       Data File: UPL$CAN_DATA_ROOT:<LHG>HG41116D.PRN;1                             :
```

#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
1	WATER		19-NOV-2007				H4
2	STD01REP1	1	16-NOV-2007	09:12:52			H4
3	STD02REP1	1	16-NOV-2007	09:14:05			H4
4	STD03REP1	1	16-NOV-2007	09:15:22			H4
5	STD04REP1	1	16-NOV-2007	09:16:37			H4
6	STD05REP1	1	16-NOV-2007	09:17:54			H4
7	STD06REP1	1	16-NOV-2007	09:19:12			H4
8	CK2ICV	1	16-NOV-2007	09:20:59			H4
9	CK3ICB	1	16-NOV-2007	09:22:13			H4
10	CK4CRA\MRL	1	16-NOV-2007	09:23:40			H4
11	CK6CCV	1	16-NOV-2007	09:24:57			H4
12	CK5CCB	1	16-NOV-2007	09:26:20			H4
13	KA7JXBT	1	16-NOV-2007	09:27:32			H4
14	KA9WTBT	1	16-NOV-2007	09:28:44			H4
15	KA9WTCT	1	16-NOV-2007	09:30:00			H4
16	KA9WTLT	1	16-NOV-2007	09:31:14			H4
17	KATJ2T	10	16-NOV-2007	09:32:27			H4
18	CK6CCV	1	16-NOV-2007	09:34:08			H4
19	CK5CCB	1	16-NOV-2007	09:35:31			H4
20	KA7JXBT	1	16-NOV-2007	09:36:54			H4
21	KA9WTBT	1	16-NOV-2007	09:38:11			H4
22	KA9WTCT	1	16-NOV-2007	09:39:39			H4
23	KA9WTLT	1	16-NOV-2007	09:40:57			H4
24	KATJ2T	10	16-NOV-2007	09:42:15			H4
25	KATKGT	1	16-NOV-2007	09:43:33			H4
26	KATKJT	10	16-NOV-2007	09:44:48			H4
27	KA80ABT	1	16-NOV-2007	09:46:03			H4
28	KA9WNBT	1	16-NOV-2007	09:47:28			H4
29	KA9WNCT	1	16-NOV-2007	09:48:53			H4
30	CK6CCV	1	16-NOV-2007	09:50:07			H4
31	CK5CCB	1	16-NOV-2007	09:51:20			H4
32	KA6EMT	1	16-NOV-2007	09:52:43			H4
33	KA6EMTS	1	16-NOV-2007	09:54:00			H4
34	KA6EMTD	1	16-NOV-2007	09:55:14			H4
35	KA7J7T	1	16-NOV-2007	09:56:39			H4
36	KA7J8T	1	16-NOV-2007	09:57:56			H4
37	KA7VAT	1	16-NOV-2007	09:59:11			H4
38	KA7VCT	1	16-NOV-2007	10:00:27			H4
39	KA7VDT	1	16-NOV-2007	10:01:46			H4
40	KA7VET	1	16-NOV-2007	10:03:03			H4
41	KA7VHT	1	16-NOV-2007	10:04:18			H4
42	CK6CCV	1	16-NOV-2007	10:05:37			H4
43	CK5CCB	1	16-NOV-2007	10:06:52			H4
44	KA7VKT	1	16-NOV-2007	10:08:08			H4

(continued)

#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
45	KA7VLT	1	16-NOV-2007	10:09:23			H4
46	KA7VMT	1	16-NOV-2007	10:10:37			H4
47	KA7VNT	1	16-NOV-2007	10:12:04			H4
48	KA7VPT	1	16-NOV-2007	10:13:21			H4
49	KA7VRT	1	16-NOV-2007	10:14:40			H4
50	CK6CCV	1	16-NOV-2007	10:15:54			H4
51	CK5CCB	1	16-NOV-2007	10:17:10			H4
52	CK6CCV	1	16-NOV-2007	10:22:24			H4
53	CK5CCB	1	16-NOV-2007	10:23:49			H4
54	KA9WLB	1	16-NOV-2007	10:25:02	7319021	A7K150000	H4
55	KA9WLC	1	16-NOV-2007	10:26:20	7319021	A7K150000	H4
56	KA8RC	1	16-NOV-2007	10:27:38	7319021	A7K140244	H4
57	KA8TA	1	16-NOV-2007	10:28:52	7319021	A7K140244	H4
58	KA8TC	1	16-NOV-2007	10:30:08	7319021	A7K140244	H4
59	KA9AN	1	16-NOV-2007	10:31:33	7319021	A7K140299	H4
60	KA9CA	1	16-NOV-2007	10:33:01	7319021	A7K140304	H4
61	KA8A4	1	16-NOV-2007	10:34:25	7319021	A7K140193	H4
62	KA8R5	1	16-NOV-2007	10:35:39	7319021	A7K140243	H4
63	KA8R5F	1	16-NOV-2007	10:36:54	7319021	A7K140243	H4
64	CK6CCV	1	16-NOV-2007	10:38:08			H4
65	CK5CCB	1	16-NOV-2007	10:39:24			H4
66	KA8R6	1	16-NOV-2007	10:40:43	7319021	A7K140243	H4
67	KA8R6F	1	16-NOV-2007	10:42:13	7319021	A7K140243	H4
68	KA8R8	1	16-NOV-2007	10:43:37	7319021	A7K140243	H4
69	KA8R8F	1	16-NOV-2007	10:44:52	7319021	A7K140243	H4
70	KA8RK	1	16-NOV-2007	10:46:19	7319021	A7K140243	H4
71	KA8RKF	1	16-NOV-2007	10:47:47	7319021	A7K140243	H4
72	KA9QK	1	16-NOV-2007	10:49:03	7319021	7K13168	H4
73	KA9QKS	1	16-NOV-2007	10:50:20	7319021	7K13168	H4
74	KA9QKD	1	16-NOV-2007	10:51:38	7319021	7K13168	H4
75	KA9W0B	1	16-NOV-2007	10:52:57	7319027	A7K150000	H4
76	CK6CCV	1	16-NOV-2007	10:54:13			H4
77	CK5CCB	1	16-NOV-2007	10:55:37			H4
78	KA9W0C	1	16-NOV-2007	10:56:52	7319027	A7K150000	H4
79	KA9P8	1	16-NOV-2007	10:58:10	7319027	A7K140337	H4
80	KA9P8S	1	16-NOV-2007	10:59:24	7319027	A7K140337	H4
81	KA9P8D	1	16-NOV-2007	11:00:39	7319027	A7K140337	H4
82	KA9QA	1	16-NOV-2007	11:02:16	7319027	A7K140337	H4
83	KA9QD	1	16-NOV-2007	11:03:41	7319027	A7K140337	H4
84	KA9W2B	1	16-NOV-2007	11:05:01	7319028	A7K150000	H4
85	KA9W2C	1	16-NOV-2007	11:06:26	7319028	A7K150000	H4
86	KA71H	1	16-NOV-2007	11:07:44	7319028	7K13126	H4
87	KA71HX	1	16-NOV-2007	11:08:59	7319028	7K13126	H4
88	CK6CCV	1	16-NOV-2007	11:10:13			H4

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
89	CK5CCB	1	16-NOV-2007	11:11:26			H4
90	KA71HS	1	16-NOV-2007	11:12:42	7319028	7K13126	H4
91	KA71HF	1	16-NOV-2007	11:14:22	7319028	7K13126	H4
92	CK6CCV	1	16-NOV-2007	11:15:50			H4
93	CK5CCB	1	16-NOV-2007	11:17:07			H4
94	CK6CCV	1	16-NOV-2007	14:40:34			H4
95	CK5CCB	1	16-NOV-2007	14:41:47			H4
96	KCA3GBT	1	16-NOV-2007	14:43:03	7320029	A7K150000	H4
97	KCDWVBT	1	16-NOV-2007	14:44:20	7320029	A7K160000	H4
98	KCDWVCT	1	16-NOV-2007	14:45:57	7320029	A7K160000	H4
99	KA6E7T	1	16-NOV-2007	14:47:20	7320029	C7K130261	H4
100	KA6E7TS	1	16-NOV-2007	14:48:35	7320029	C7K130261	H4
101	KA6E7TD	1	16-NOV-2007	14:49:52	7320029	C7K130261	H4
102	KA6F0T	1	16-NOV-2007	14:51:25	7320029	C7K130261	H4
103	KA6FWT	1	16-NOV-2007	14:52:41	7320029	C7K130261	H4
104	KA80HT	1	16-NOV-2007	14:53:59	7320029	A7K140254	H4
105	KA80MT	1	16-NOV-2007	14:55:14	7320029	A7K140254	H4
106	CK6CCV	1	16-NOV-2007	14:56:30			H4
107	CK5CCB	1	16-NOV-2007	14:57:48			H4
108	KA8WTT	1	16-NOV-2007	14:59:22	7320029	A7K140254	H4
109	KA8E0T	1	16-NOV-2007	15:00:56	7320029	A7K140206	H4
110	KA8FNT	1	16-NOV-2007	15:02:20	7320029	A7K140206	H4
111	KA73ET	1	16-NOV-2007	15:03:44	7320029	A7K140164	H4
112	KA73HT	1	16-NOV-2007	15:05:01	7320029	A7K140164	H4
113	KCDWMB	1	16-NOV-2007	15:06:14	7320026	A7K160000	H4
114	KCDWMC	1	16-NOV-2007	15:07:41	7320026	A7K160000	H4
115	KCDDC	1	16-NOV-2007	15:08:57	7320026	7K15365	H4
116	KA98M	1	16-NOV-2007	15:10:11	7320026	A7K150134	H4
117	KCA01	1	16-NOV-2007	15:11:36	7320026	7K15214	H4
118	CK6CCV	1	16-NOV-2007	15:12:59			H4
119	CK5CCB	1	16-NOV-2007	15:14:22			H4
120	KCA03	1	16-NOV-2007	15:15:37	7320026	7K15214	H4
121	KCA04	1	16-NOV-2007	15:16:52	7320026	7K15214	H4
122	KCA06	1	16-NOV-2007	15:18:05	7320026	7K15214	H4
123	KCA08	1	16-NOV-2007	15:19:31	7320026	7K15214	H4
124	KCA08S	1	16-NOV-2007	15:20:48	7320026	7K15214	H4
125	KCA08D	1	16-NOV-2007	15:22:03	7320026	7K15214	H4
126	KCA0A	1	16-NOV-2007	15:23:17	7320026	7K15214	H4
127	KCA0V	1	16-NOV-2007	15:24:33	7320026	7K15214	H4
128	KCA1G	1	16-NOV-2007	15:25:49	7320026	7K15214	H4
129	KCA1J	1	16-NOV-2007	15:27:19	7320026	7K15214	H4
130	CK6CCV	1	16-NOV-2007	15:28:38			H4
131	CK5CCB	1	16-NOV-2007	15:29:51			H4
132	KCA1K	1	16-NOV-2007	15:31:09	7320026	7K15214	H4

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
133	KCC91	1	16-NOV-2007	15:32:24	7320026	A7K150354	H4
134	KCA5DBT	1	16-NOV-2007	15:33:40	7320028	A7K150000	H4
135	KCDWRBT	1	16-NOV-2007	15:35:05	7320028	A7K160000	H4
136	KCDWRCT	1	16-NOV-2007	15:36:19	7320028	A7K160000	H4
137	KA444T	1	16-NOV-2007	15:37:33	7320028	A7K130147	H4
138	KA44VT	1	16-NOV-2007	15:39:08	7320028	A7K130147	H4
139	KA44VTS	1	16-NOV-2007	15:40:23	7320028	A7K130147	H4
140	KA44VTD	1	16-NOV-2007	15:41:40	7320028	A7K130147	H4
141	KCDWKB	1	16-NOV-2007	15:42:58	7320025	A7K160000	H4
142	CK6CCV	1	16-NOV-2007	15:44:22			H4
143	CK5CCB	1	16-NOV-2007	15:45:36			H4
144	KCDWKC	1	16-NOV-2007	15:46:50	7320025	A7K160000	H4
145	KCAF9	1	16-NOV-2007	15:48:05	7320025	A7K150167	H4
146	KCAGM	1	16-NOV-2007	15:49:20	7320025	A7K150167	H4
147	KCAGQ	1	16-NOV-2007	15:50:37	7320025	A7K150167	H4
148	KCCMN	1	16-NOV-2007	15:51:52	7320025	A7K150294	H4
149	KCCMNS	1	16-NOV-2007	15:53:07	7320025	A7K150294	H4
150	KCCMND	1	16-NOV-2007	15:54:21	7320025	A7K150294	H4
151	KCC0D	1	16-NOV-2007	15:55:37	7320025	A7K150318	H4
152	KCCX7	1	16-NOV-2007	15:56:53	7320025	A7K150318	H4
153	KCC06	1	16-NOV-2007	15:58:14	7320025	A7K150325	H4
154	CK6CCV	1	16-NOV-2007	15:59:28			H4
155	CK5CCB	1	16-NOV-2007	16:00:55			H4
156	KCC61	1	16-NOV-2007	16:02:08	7320025	A7K150342	H4
157	KCC6K	1	16-NOV-2007	16:03:33	7320025	A7K150342	H4
158	KCC7E	1	16-NOV-2007	16:04:51	7320025	A7K150342	H4
159	KCC7P	1	16-NOV-2007	16:06:06	7320025	A7K150342	H4
160	KCC8X	1	16-NOV-2007	16:07:23	7320025	A7K150342	H4
161	KCDWPB	1	16-NOV-2007	16:08:42	7320027	A7K160000	H4
162	KCDWPC	1	16-NOV-2007	16:09:56	7320027	A7K160000	H4
163	KCAP2	1	16-NOV-2007	16:11:10	7320027	7K13126	H4
164	KCAP2F	1	16-NOV-2007	16:12:27	7320027	7K13126	H4
165	KCAP6	1	16-NOV-2007	16:13:56	7320027	7K13126	H4
166	CK6CCV	1	16-NOV-2007	16:15:13			H4
167	CK5CCB	1	16-NOV-2007	16:16:26			H4
168	KCAP6F	1	16-NOV-2007	16:17:44	7320027	7K13126	H4
169	KCAPK	1	16-NOV-2007	16:19:03	7320027	7K13126	H4
170	KCAPKX	1	16-NOV-2007	16:20:21	7320027	7K13126	H4
171	KCAPKS	1	16-NOV-2007	16:21:46	7320027	7K13126	H4
172	KCAPKF	1	16-NOV-2007	16:23:14	7320027	7K13126	H4
173	KCAPP	1	16-NOV-2007	16:24:30	7320027	7K13126	H4
174	KCAPPF	1	16-NOV-2007	16:25:46	7320027	7K13126	H4
175	KCAPV	1	16-NOV-2007	16:27:14	7320027	7K13126	H4
176	KCAPVF	1	16-NOV-2007	16:28:40	7320027	7K13126	H4

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Started Mon Nov 19 06:35:33 2007 by LISTM
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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
177	KCAQC	1	16-NOV-2007	16:29:55	7320027	7K13126	H4
178	CK6CCV	1	16-NOV-2007	16:31:09			H4
179	CK5CCB	1	16-NOV-2007	16:32:24			H4
180	KCAQCF	1	16-NOV-2007	16:33:38	7320027	7K13126	H4
181	KCATK	1	16-NOV-2007	16:34:59	7320027	7K13126	H4
182	KCATKF	1	16-NOV-2007	16:36:25	7320027	7K13126	H4
183	CRA	1	16-NOV-2007	16:37:42			H4
184	CK6CCV	1	16-NOV-2007	16:39:36			H4
185	CK5CCB	1	16-NOV-2007	16:40:51			H4

End of Report

: Instrument Upload Run Log - Page 1 :
: Started Wed Nov 21 07:02:09 2007 by LISTM :
: Data File: UPL$CAN_DATA_ROOT:<LHG>HG41120C.PRN;1 :

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1	WATER		21-NOV-2007				H4
2	STD01REP1	1	20-NOV-2007	10:01:19			H4
3	STD02REP1	1	20-NOV-2007	10:02:33			H4
4	STD03REP1	1	20-NOV-2007	10:03:56			H4
5	STD04REP1	1	20-NOV-2007	10:05:10			H4
6	STD05REP1	1	20-NOV-2007	10:06:25			H4
7	STD06REP1	1	20-NOV-2007	10:07:40			H4
8	CK2ICV	1	20-NOV-2007	10:08:58			H4
9	CK3ICB	1	20-NOV-2007	10:10:23			H4
10	CK4CRA\MRL	1	20-NOV-2007	10:11:36			H4
11	CK6CCV	1	20-NOV-2007	10:12:52			H4
12	CK5CCB	1	20-NOV-2007	10:14:07			H4
13	KCJLXBF	1	20-NOV-2007	10:15:19			H4
14	KCJLXCF	1	20-NOV-2007	10:16:32			H4
15	KCEFGF	1	20-NOV-2007	10:17:49			H4
16	KCHWRF	1	20-NOV-2007	10:19:01			H4
17	KCH0AF	1	20-NOV-2007	10:20:26			H4
18	KCHX0F	1	20-NOV-2007	10:21:40			H4
19	KCHX3F	1	20-NOV-2007	10:23:05			H4
20	KCHX6F	1	20-NOV-2007	10:24:20			H4
21	KCHX8F	1	20-NOV-2007	10:25:34			H4
22	KCHX9F	1	20-NOV-2007	10:27:01			H4
23	CK6CCV	1	20-NOV-2007	10:28:20			H4
24	CK5CCB	1	20-NOV-2007	10:29:34			H4
25	KCHXPF	1	20-NOV-2007	10:30:49			H4
26	KCHXPFS	1	20-NOV-2007	10:32:03			H4
27	KCHXPFD	1	20-NOV-2007	10:33:16			H4
28	KCHXXF	1	20-NOV-2007	10:34:32			H4
29	KCJLVB	1	20-NOV-2007	10:35:48			H4
30	KCJLVC	1	20-NOV-2007	10:37:01			H4
31	KCEFP	1	20-NOV-2007	10:38:15			H4
32	KCETL	1	20-NOV-2007	10:39:30			H4
33	KCETR	1	20-NOV-2007	10:40:44			H4
34	KCETV	1	20-NOV-2007	10:41:58			H4
35	CK6CCV	1	20-NOV-2007	10:43:27			H4
36	CK5CCB	1	20-NOV-2007	10:44:40			H4
37	KCETX	1	20-NOV-2007	10:45:57			H4
38	KCFP5F	1	20-NOV-2007	10:47:17			H4
39	KCFPTF	1	20-NOV-2007	10:48:45			H4
40	KCFQDF	1	20-NOV-2007	10:49:58			H4
41	KCF8Q	1	20-NOV-2007	10:51:25			H4
42	KCGAD	1	20-NOV-2007	10:52:39			H4
43	KCGX3	1	20-NOV-2007	10:53:53			H4
44	KCGX5	1	20-NOV-2007	10:55:10			H4

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
45	KCGXQ	1	20-NOV-2007	10:56:24			H4
46	KCH92	1	20-NOV-2007	10:57:39			H4
47	CK6CCV	1	20-NOV-2007	10:58:54			H4
48	CK5CCB	1	20-NOV-2007	11:00:17			H4
49	KCH92S	1	20-NOV-2007	11:01:33			H4
50	KCH92D	1	20-NOV-2007	11:02:47			H4
51	CK6CCV	1	20-NOV-2007	11:04:07			H4
52	CK5CCB	1	20-NOV-2007	11:05:31			H4
53	CK6CCV	1	20-NOV-2007	11:08:24			H4
54	CK5CCB	1	20-NOV-2007	11:09:42			H4
55	KCJL1B	1	20-NOV-2007	11:10:56	7323022	A7K190000	H4
56	KCJL1C	1	20-NOV-2007	11:12:12	7323022	A7K190000	H4
57	KCE51	1	20-NOV-2007	11:13:26	7323022	7K14155	H4
58	KCE51F	1	20-NOV-2007	11:14:44	7323022	7K14155	H4
59	KCED7	1	20-NOV-2007	11:16:03	7323022	7K13126	H4
60	KCED7F	1	20-NOV-2007	11:17:17	7323022	7K13126	H4
61	KCED9	1	20-NOV-2007	11:18:35	7323022	7K13126	H4
62	KCED9F	1	20-NOV-2007	11:20:03	7323022	7K13126	H4
63	KCEDV	1	20-NOV-2007	11:21:23	7323022	7K13126	H4
64	KCEDVX	1	20-NOV-2007	11:22:39	7323022	7K13126	H4
65	CK6CCV	1	20-NOV-2007	11:24:06			H4
66	CK5CCB	1	20-NOV-2007	11:25:19			H4
67	KCEDVS	1	20-NOV-2007	11:26:34	7323022	7K13126	H4
68	KCEDVF	1	20-NOV-2007	11:27:53	7323022	7K13126	H4
69	KCEEA	1	20-NOV-2007	11:29:09	7323022	7K13126	H4
70	KCEEAF	1	20-NOV-2007	11:30:24	7323022	7K13126	H4
71	KCEED	1	20-NOV-2007	11:31:39	7323022	7K13126	H4
72	KCEEDF	1	20-NOV-2007	11:33:04	7323022	7K13126	H4
73	KCJC3	1	20-NOV-2007	11:34:18	7323022	7K13126	H4
74	KCJC3F	1	20-NOV-2007	11:35:54	7323022	7K13126	H4
75	KCJC6	1	20-NOV-2007	11:37:13	7323022	7K13126	H4
76	KCJC6F	1	20-NOV-2007	11:38:30	7323022	7K13126	H4
77	CK6CCV	1	20-NOV-2007	11:39:54			H4
78	CK5CCB	1	20-NOV-2007	11:41:10			H4
79	KCJC7	1	20-NOV-2007	11:42:26	7323022	7K13126	H4
80	KCJC7F	1	20-NOV-2007	11:43:54	7323022	7K13126	H4
81	KCJL3B	1	20-NOV-2007	11:45:10	7323023	A7K190000	H4
82	KCJL3C	1	20-NOV-2007	11:46:35	7323023	A7K190000	H4
83	KCD9W	1	20-NOV-2007	11:47:50	7323023	A7K160126	H4
84	KCD9WS	1	20-NOV-2007	11:49:07	7323023	A7K160126	H4
85	KCD9WD	1	20-NOV-2007	11:50:24	7323023	A7K160126	H4
86	KCEA4	1	20-NOV-2007	11:51:50	7323023	A7K160126	H4
87	KCEAF	1	20-NOV-2007	11:53:15	7323023	A7K160126	H4
88	KCF53	1	20-NOV-2007	11:54:34	7323023	A7K160312	H4

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
89	CK6CCV	1	20-NOV-2007	11:55:59			H4
90	CK5CCB	1	20-NOV-2007	11:57:16			H4
91	KCF6Q	1	20-NOV-2007	11:58:32	7323023	A7K160312	H4
92	KCF6T	1	20-NOV-2007	12:00:00	7323023	A7K160312	H4
93	KCF6V	1	20-NOV-2007	12:01:16	7323023	A7K160312	H4
94	KCHTD	1	20-NOV-2007	12:02:36	7323023	A7K170181	H4
95	KCHWP	1	20-NOV-2007	12:03:54	7323023	A7K170181	H4
96	KCHWX	1	20-NOV-2007	12:05:10	7323023	A7K170181	H4
97	KCF5RF	1	20-NOV-2007	12:06:56	7323023	A7K160311	H4
98	CK6CCV	1	20-NOV-2007	12:08:12			H4
99	CK5CCB	1	20-NOV-2007	12:09:26			H4
100	CK6CCV	1	20-NOV-2007	12:13:08			H4
101	CK5CCB	1	20-NOV-2007	12:14:32			H4
102	KCJXNBF	1	20-NOV-2007	12:15:45	7323171	A7K190000	H4
103	KCJXNC	1	20-NOV-2007	12:17:11	7323171	A7K190000	H4
104	KCJEJ	1	20-NOV-2007	12:18:25	7323171	A7K170235	H4
105	KCJEJF	1	20-NOV-2007	12:19:37	7323171	A7K170235	H4
106	KA81KF	1	20-NOV-2007	12:20:52	7323171	7K14262	H4
107	KA824F	1	20-NOV-2007	12:22:06	7323171	7K14262	H4
108	KA826F	1	20-NOV-2007	12:23:21	7323171	7K14262	H4
109	KCFW0F	1	20-NOV-2007	12:24:38	7323171	A7K160281	H4
110	KCFW1F	1	20-NOV-2007	12:25:53	7323171	A7K160281	H4
111	KCFW3F	1	20-NOV-2007	12:27:09	7323171	A7K160281	H4
112	CK6CCV	1	20-NOV-2007	12:28:26			H4
113	CK5CCB	1	20-NOV-2007	12:29:40			H4
114	KCFW6F	1	20-NOV-2007	12:30:56	7323171	A7K160281	H4
115	KCFWKF	1	20-NOV-2007	12:32:31	7323171	A7K160281	H4
116	KCFWKFS	1	20-NOV-2007	12:33:44	7323171	A7K160281	H4
117	KCFWKFD	1	20-NOV-2007	12:35:00	7323171	A7K160281	H4
118	KCFWVF	1	20-NOV-2007	12:36:15	7323171	A7K160281	H4
119	KCFXAF	1	20-NOV-2007	12:37:31	7323171	A7K160281	H4
120	KCFXEF	1	20-NOV-2007	12:38:56	7323171	A7K160281	H4
121	KCFXHF	1	20-NOV-2007	12:40:11	7323171	A7K160281	H4
122	KCF02F	1	20-NOV-2007	12:41:36	7323171	7K14262	H4
123	KCF0RF	1	20-NOV-2007	12:43:01	7323171	7K14262	H4
124	CK6CCV	1	20-NOV-2007	12:44:21			H4
125	CK5CCB	1	20-NOV-2007	12:45:54			H4
126	KCHMWF	1	20-NOV-2007	12:47:09	7323171	7K14262	H4
127	KCHNGF	1	20-NOV-2007	12:48:27	7323171	7K14262	H4
128	KCHNGFS	1	20-NOV-2007	12:49:46	7323171	7K14262	H4
129	KCHNGFD	1	20-NOV-2007	12:51:03	7323171	7K14262	H4
130	KCJX6B	1	20-NOV-2007	12:52:18	7323178	A7K190000	H4
131	KCJX6C	1	20-NOV-2007	12:53:33	7323178	A7K190000	H4
132	KCFM0	1	20-NOV-2007	12:54:56	7323178	A7K160247	H4

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
133	KCFM0F	1	20-NOV-2007	12:56:30	7323178	A7K160247	H4
134	KCFM9	1	20-NOV-2007	12:57:43	7323178	A7K160247	H4
135	KCFM9F	1	20-NOV-2007	12:58:57	7323178	A7K160247	H4
136	CK6CCV	1	20-NOV-2007	13:00:11			H4
137	CK5CCB	1	20-NOV-2007	13:01:25			H4
138	KCFMM	1	20-NOV-2007	13:02:39	7323178	A7K160247	H4
139	KCFMMF	1	20-NOV-2007	13:03:53	7323178	A7K160247	H4
140	KCFNF	1	20-NOV-2007	13:05:13	7323178	A7K160247	H4
141	KCFNFF	1	20-NOV-2007	13:06:28	7323178	A7K160247	H4
142	KCHC3	1	20-NOV-2007	13:07:58	7323178	A7K170121	H4
143	KCHC3F	1	20-NOV-2007	13:09:22	7323178	A7K170121	H4
144	KCHDF	1	20-NOV-2007	13:10:46	7323178	A7K170121	H4
145	KCHDFS	1	20-NOV-2007	13:12:05	7323178	A7K170121	H4
146	KCHDFD	1	20-NOV-2007	13:13:25	7323178	A7K170121	H4
147	KCHDFF	1	20-NOV-2007	13:14:40	7323178	A7K170121	H4
148	CK6CCV	1	20-NOV-2007	13:15:56			H4
149	CK5CCB	1	20-NOV-2007	13:17:22			H4
150	KCHDFFS	1	20-NOV-2007	13:18:36	7323178	A7K170121	H4
151	KCHDFFD	1	20-NOV-2007	13:19:53	7323178	A7K170121	H4
152	KCHDL	1	20-NOV-2007	13:21:08	7323178	A7K170121	H4
153	KCHDLF	1	20-NOV-2007	13:22:23	7323178	A7K170121	H4
154	KCJ0CB	1	20-NOV-2007	13:23:41	7323181	A7K190000	H4
155	KCJ0CC	1	20-NOV-2007	13:24:55	7323181	A7K190000	H4
156	KCG93	1	20-NOV-2007	13:26:15	7323181	7K17102	H4
157	KCG94	1	20-NOV-2007	13:27:39	7323181	7K17102	H4
158	KCG95	1	20-NOV-2007	13:28:59	7323181	7K17102	H4
159	KCG96	1	20-NOV-2007	13:30:14	7323181	7K17102	H4
160	CK6CCV	1	20-NOV-2007	13:31:29			H4
161	CK5CCB	1	20-NOV-2007	13:32:46			H4
162	KCG97	1	20-NOV-2007	13:34:00	7323181	7K17102	H4
163	KCG98	1	20-NOV-2007	13:35:15	7323181	7K17102	H4
164	KCG99	1	20-NOV-2007	13:36:40	7323181	7K17102	H4
165	KCG9P	1	20-NOV-2007	13:37:55	7323181	7K17102	H4
166	KCG9PS	1	20-NOV-2007	13:39:22	7323181	7K17102	H4
167	KCG9PD	1	20-NOV-2007	13:40:38	7323181	7K17102	H4
168	KCHAA	1	20-NOV-2007	13:41:54	7323181	7K17102	H4
169	KCHAC	1	20-NOV-2007	13:43:09	7323181	7K17102	H4
170	KCHAD	1	20-NOV-2007	13:44:24	7323181	7K17102	H4
171	KCHAE	1	20-NOV-2007	13:45:40	7323181	7K17102	H4
172	CK6CCV	1	20-NOV-2007	13:47:05			H4
173	CK5CCB	1	20-NOV-2007	13:48:38			H4
174	KCHAF	1	20-NOV-2007	13:49:54	7323181	7K17102	H4
175	KCHAG	1	20-NOV-2007	13:51:11	7323181	7K17102	H4
176	KCHAK	1	20-NOV-2007	13:52:31	7323181	7K17102	H4

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
177	CRA	1	20-NOV-2007	13:53:47			H4
178	CK6CCV	1	20-NOV-2007	13:55:04			H4
179	CK5CCB	1	20-NOV-2007	13:56:18			H4
180	CK6CCV	1	20-NOV-2007	15:17:24			H4
181	CK5CCB	1	20-NOV-2007	15:18:38			H4
182	KCLAGB	1	20-NOV-2007	15:19:50	7324013	A7K200000	H4
183	KCLAGC	1	20-NOV-2007	15:21:03	7324013	A7K200000	H4
184	KCKPE	1	20-NOV-2007	15:22:17	7324013	A7K190172	H4
185	KCJX8F	1	20-NOV-2007	15:23:42	7324013	A7K190117	H4
186	KCJX9F	1	20-NOV-2007	15:24:57	7324013	A7K190117	H4
187	KCJXAF	1	20-NOV-2007	15:26:26	7324013	A7K190117	H4
188	KCJXAFS	1	20-NOV-2007	15:27:39	7324013	A7K190117	H4
189	KCJXAFD	1	20-NOV-2007	15:28:55	7324013	A7K190117	H4
190	KCKN9BT	1	20-NOV-2007	15:30:19	7324015	A7K190000	H4
191	KCLALBT	1	20-NOV-2007	15:31:35	7324015	A7K200000	H4
192	CK6CCV	1	20-NOV-2007	15:32:54			H4
193	CK5CCB	1	20-NOV-2007	15:34:18			H4
194	KCLALCT	1	20-NOV-2007	15:35:32	7324015	A7K200000	H4
195	KCCEPT	1	20-NOV-2007	15:36:47	7324015	A7K150259	H4
196	KCCEPTS	1	20-NOV-2007	15:38:04	7324015	A7K150259	H4
197	KCCEPTD	1	20-NOV-2007	15:39:37	7324015	A7K150259	H4
198	KCCERT	1	20-NOV-2007	15:41:04	7324015	A7K150259	H4
199	KCD03T	1	20-NOV-2007	15:42:22	7324015	A7K160101	H4
200	KCD05T	1	20-NOV-2007	15:43:41	7324015	A7K160101	H4
201	KCFF7T	1	20-NOV-2007	15:44:56	7324015	A7K160234	H4
202	KCFGHT	1	20-NOV-2007	15:46:25	7324015	A7K160234	H4
203	KCGA9T	1	20-NOV-2007	15:47:40	7324015	A7K160330	H4
204	CK6CCV	1	20-NOV-2007	15:49:16			H4
205	CK5CCB	1	20-NOV-2007	15:50:32			H4
206	KA6GPT	1	20-NOV-2007	15:51:46	7324015	A7K130269	H4
207	KCKNRBT	1	20-NOV-2007	15:53:00	7324014	A7K190000	H4
208	KCLAJBT	1	20-NOV-2007	15:54:15	7324014	A7K200000	H4
209	KCLAJCT	1	20-NOV-2007	15:55:31	7324014	A7K200000	H4
210	KCEE7T	10	20-NOV-2007	15:56:55	7324014	A7K160135	H4
211	KCEE7TS	10	20-NOV-2007	15:58:20	7324014	A7K160135	H4
212	KCEE7TD	10	20-NOV-2007	15:59:38	7324014	A7K160135	H4
213	KCEE9T	1	20-NOV-2007	16:01:07	7324014	A7K160135	H4
214	CRA	1	20-NOV-2007	16:02:26			H4
215	CK6CCV	1	20-NOV-2007	16:03:42			H4
216	CK5CCB	1	20-NOV-2007	16:04:54			H4

End of Report

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2	STANDARD 1		16-NOV-2007	15:45:29			I7
3	STANDARD 2		16-NOV-2007	15:49:07			I7
4	STANDARD 3		16-NOV-2007	15:52:45			I7
5	QC STD 1		16-NOV-2007	15:58:39			I7
6	QC STD 2		16-NOV-2007	16:04:32			I7
7	QC STD 3		16-NOV-2007	16:07:33			I7
8	QC STD 4		16-NOV-2007	16:11:22			I7
9	QC STD 5		16-NOV-2007	16:15:12			I7
10	QC STD 6		16-NOV-2007	16:21:56			I7
11	QC STD 7		16-NOV-2007	16:27:48			I7
12	KA9W0B		16-NOV-2007	16:30:52	7319027	A7K150000	I7
13	KA9W0C		16-NOV-2007	16:34:25	7319027	A7K150000	I7
14	KA9P8		16-NOV-2007	16:39:28	7319027	A7K140337	I7
15	KA9P8S		16-NOV-2007	16:43:03	7319027	A7K140337	I7
16	KA9P8D		16-NOV-2007	16:46:38	7319027	A7K140337	I7
17	KA9QA		16-NOV-2007	16:51:43	7319027	A7K140337	I7
18	KA9QD		16-NOV-2007	16:55:18	7319027	A7K140337	I7
19	KA7FXB		16-NOV-2007	17:00:24	7318013	A7K140000	I7
20	KA7FXC		16-NOV-2007	17:03:58	7318013	A7K140000	I7
21	KA4W0		16-NOV-2007	17:09:01	7318013	7K13126	I7
22	QC STD 6		16-NOV-2007	17:14:53			I7
23	QC STD 7		16-NOV-2007	17:20:45			I7
24	KA4W0F		16-NOV-2007	17:23:48	7318013	7K13126	I7
25	KA4W0S		16-NOV-2007	17:27:21	7318013	7K13126	I7
26	KA4W0D		16-NOV-2007	17:30:55	7318013	7K13126	I7
27	KA4W2		16-NOV-2007	17:35:59	7318013	7K13126	I7
28	KA4W2F		16-NOV-2007	17:39:33	7318013	7K13126	I7
29	KA4W3		16-NOV-2007	17:43:08	7318013	7K13126	I7
30	KA4W3F		16-NOV-2007	17:46:43	7318013	7K13126	I7
31	KA4W4		16-NOV-2007	17:50:19	7318013	7K13126	I7
32	KA4W4F		16-NOV-2007	17:53:54	7318013	7K13126	I7
33	KA4W4FL		16-NOV-2007	17:57:31			I7
34	QC STD 6		16-NOV-2007	18:03:25			I7
35	QC STD 7		16-NOV-2007	18:09:17			I7
36	KA9W2B		16-NOV-2007	18:12:19	7319028	A7K150000	I7
37	KA9W2C		16-NOV-2007	18:15:52	7319028	A7K150000	I7
38	KA71H		16-NOV-2007	18:20:56	7319028	7K13126	I7
39	KA71HF		16-NOV-2007	18:24:29	7319028	7K13126	I7
40	KA71HFL		16-NOV-2007	18:28:03			I7
41	KA71HX		16-NOV-2007	18:31:38	7319028	7K13126	I7
42	KA71HS		16-NOV-2007	18:35:12	7319028	7K13126	I7
43	KCDV8B		16-NOV-2007	18:40:17	7320020	A7K160000	I7
44	KCDV8C		16-NOV-2007	18:43:53	7320020	A7K160000	I7

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46	QC STD 6		16-NOV-2007	18:54:53			I7
47	QC STD 7		16-NOV-2007	19:00:45			I7
48	KCAPE		16-NOV-2007	19:03:49	7320020	A7K150192	I7
49	KCAPG		16-NOV-2007	19:07:25	7320020	A7K150192	I7
50	KCAPL		16-NOV-2007	19:11:00	7320020	A7K150192	I7
51	KCAPQ		16-NOV-2007	19:14:34	7320020	A7K150192	I7
52	KCCV3F		16-NOV-2007	19:18:08	7320020	A7K150310	I7
53	KCCWGF		16-NOV-2007	19:21:42	7320020	A7K150310	I7
54	KCCWLF		16-NOV-2007	19:25:17	7320020	A7K150310	I7
55	KCCWQF		16-NOV-2007	19:28:52	7320020	A7K150310	I7
56	KCCWTF		16-NOV-2007	19:32:27	7320020	A7K150310	I7
57	KCA7W		16-NOV-2007	19:36:03	7320020	A7K150244	I7
58	QC STD 6		16-NOV-2007	19:41:57			I7
59	QC STD 7		16-NOV-2007	19:47:49			I7
60	KCA7WS		16-NOV-2007	19:50:53	7320020	A7K150244	I7
61	KCA7WD		16-NOV-2007	19:54:29	7320020	A7K150244	I7
62	KCACXF		16-NOV-2007	19:59:36	7320020	A7K150144	I7
63	KCADD		16-NOV-2007	20:03:13	7320020	A7K150144	I7
64	KCADEF		16-NOV-2007	20:06:49	7320020	A7K150144	I7
65	KCADEFL		16-NOV-2007	20:10:23			I7
66	KCDWXB		16-NOV-2007	20:15:27	7320030	A7K160000	I7
67	KCDWXC		16-NOV-2007	20:19:02	7320030	A7K160000	I7
68	KCADA		16-NOV-2007	20:24:07	7320030	A7K150144	I7
69	KCADAS		16-NOV-2007	20:27:42	7320030	A7K150144	I7
70	QC STD 6		16-NOV-2007	20:33:36			I7
71	QC STD 7		16-NOV-2007	20:39:28			I7
72	KCADAD		16-NOV-2007	20:42:32	7320030	A7K150144	I7
73	KCADH		16-NOV-2007	20:47:38	7320030	A7K150144	I7
74	KCADHL		16-NOV-2007	20:51:14			I7
75	KCDWKB		16-NOV-2007	20:56:21	7320025	A7K160000	I7
76	KCDWKC		16-NOV-2007	20:59:58	7320025	A7K160000	I7
77	KCAF1		16-NOV-2007	21:05:06	7320025	A7K150167	I7
78	KCAF4		16-NOV-2007	21:08:42	7320025	A7K150167	I7
79	KCAF6		16-NOV-2007	21:12:16	7320025	A7K150167	I7
80	KCAF9		16-NOV-2007	21:15:51	7320025	A7K150167	I7
81	KCAGK		16-NOV-2007	21:19:25	7320025	A7K150167	I7
82	QC STD 6		16-NOV-2007	21:25:19			I7
83	QC STD 7		16-NOV-2007	21:31:12			I7
84	KCAGM		16-NOV-2007	21:34:15	7320025	A7K150167	I7
85	KCAGQ		16-NOV-2007	21:37:51	7320025	A7K150167	I7
86	KCCMN		16-NOV-2007	21:41:27	7320025	A7K150294	I7
87	KCCMNS		16-NOV-2007	21:45:03	7320025	A7K150294	I7
88	KCCMND		16-NOV-2007	21:48:40	7320025	A7K150294	I7

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
89	KCCX7		16-NOV-2007	21:53:47	7320025	A7K150318	I7
90	KCC0D		16-NOV-2007	21:57:24	7320025	A7K150318	I7
91	KCC06		16-NOV-2007	22:01:02	7320025	A7K150325	I7
92	KCC6K		16-NOV-2007	22:04:39	7320025	A7K150342	I7
93	KCC61		16-NOV-2007	22:08:13	7320025	A7K150342	I7
94	QC STD 6		16-NOV-2007	22:14:07			I7
95	QC STD 7		16-NOV-2007	22:19:59			I7
96	KCC7E		16-NOV-2007	22:23:03	7320025	A7K150342	I7
97	KCC7P		16-NOV-2007	22:26:38	7320025	A7K150342	I7
98	KCC8X		16-NOV-2007	22:30:14	7320025	A7K150342	I7
99	KCC8XL		16-NOV-2007	22:33:50			I7
100	KCDWPB		16-NOV-2007	22:38:56	7320027	A7K160000	I7
101	KCDWPC		16-NOV-2007	22:42:33	7320027	A7K160000	I7
102	KCAPK		16-NOV-2007	22:47:40	7320027	7K13126	I7
103	KCAPKF		16-NOV-2007	22:51:17	7320027	7K13126	I7
104	KCAPKX		16-NOV-2007	22:54:55	7320027	7K13126	I7
105	KCAPKS		16-NOV-2007	22:58:33	7320027	7K13126	I7
106	QC STD 6		16-NOV-2007	23:04:29			I7
107	QC STD 7		16-NOV-2007	23:10:21			I7
108	KCAPP		16-NOV-2007	23:13:24	7320027	7K13126	I7
109	KCAPPF		16-NOV-2007	23:16:59	7320027	7K13126	I7
110	KCAPV		16-NOV-2007	23:20:34	7320027	7K13126	I7
111	KCAPVF		16-NOV-2007	23:24:10	7320027	7K13126	I7
112	KCAP2		16-NOV-2007	23:27:46	7320027	7K13126	I7
113	KCAP2F		16-NOV-2007	23:31:22	7320027	7K13126	I7
114	KCAP6		16-NOV-2007	23:34:59	7320027	7K13126	I7
115	KCAP6F		16-NOV-2007	23:38:36	7320027	7K13126	I7
116	KCAQC		16-NOV-2007	23:42:13	7320027	7K13126	I7
117	KCAQCF		16-NOV-2007	23:45:51	7320027	7K13126	I7
118	QC STD 6		16-NOV-2007	23:51:46			I7
119	QC STD 7		16-NOV-2007	23:57:39			I7
120	KCATK		17-NOV-2007	00:00:44	7320027	7K13126	I7
121	KCATKF		17-NOV-2007	00:04:22	7320027	7K13126	I7
122	KCATKFL		17-NOV-2007	00:07:59			I7
123	QC STD 6		17-NOV-2007	00:13:53			I7
124	QC STD 7		17-NOV-2007	00:19:45			I7

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End of Report

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: Started Tue Nov 20 05:33:01 2007 by DAVIESB :
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3	STANDARD 2		19-NOV-2007	10:36:07			I7
4	STANDARD 3		19-NOV-2007	10:38:54			I7
5	QC STD 1		19-NOV-2007	10:43:56			I7
6	QC STD 2		19-NOV-2007	10:48:57			I7
7	QC STD 3		19-NOV-2007	10:51:08			I7
8	QC STD 4		19-NOV-2007	10:56:16			I7
9	BLANK		19-NOV-2007	11:02:50			I7
10	BLANK		19-NOV-2007	11:06:23			I7
11	BLANK		19-NOV-2007	11:09:55			I7
12	STANDARD 1		19-NOV-2007	11:13:28			I7
13	STANDARD 2		19-NOV-2007	11:17:01			I7
14	STANDARD 3		19-NOV-2007	11:20:35			I7
15	QC STD 1		19-NOV-2007	11:26:25			I7
16	QC STD 2		19-NOV-2007	11:32:13			I7
17	QC STD 3		19-NOV-2007	11:35:11			I7
18	QC STD 4 Rerun		19-NOV-2007	11:38:55			I7
19	QC STD 4 ↓		19-NOV-2007	11:44:06			I7
20	QC STD 4		19-NOV-2007	11:47:51			I7
21	QC STD 5		19-NOV-2007	11:51:37			I7
22	QC STD 6		19-NOV-2007	11:58:18			I7
23	QC STD 7		19-NOV-2007	12:04:34			I7
24	KCA7W	5	19-NOV-2007	12:07:31	7320020	A7K150244	I7
25	KCA7WS	5	19-NOV-2007	12:10:59	7320020	A7K150244	I7
26	KCA7WD	5	19-NOV-2007	12:14:26	7320020	A7K150244	I7
27	KCDWKC		19-NOV-2007	12:18:35	7320025	A7K160000	I7
28	KCCMN		19-NOV-2007	12:23:33	7320025	A7K150294	I7
29	KCCMNS		19-NOV-2007	12:27:02	7320025	A7K150294	I7
30	KCCMND		19-NOV-2007	12:30:31	7320025	A7K150294	I7
31	KCDWPB		19-NOV-2007	12:35:31	7320027	A7K160000	I7 Co
32	KCDWPC		19-NOV-2007	12:39:00	7320027	A7K160000	I7
33	KCAPK		19-NOV-2007	12:44:00	7320027	7K13126	I7
34	QC STD 6		19-NOV-2007	12:49:50			I7
35	QC STD 7		19-NOV-2007	12:55:38			I7
36	KCAPKF		19-NOV-2007	12:58:37	7320027	7K13126	I7
37	KCAPKX		19-NOV-2007	13:02:08	7320027	7K13126	I7
38	KCAPKS		19-NOV-2007	13:05:37	7320027	7K13126	I7
39	KCAPP		19-NOV-2007	13:10:35	7320027	7K13126	I7 V Cr Co Mo
40	KCAPPF		19-NOV-2007	13:14:04	7320027	7K13126	I7
41	KCAPV		19-NOV-2007	13:17:32	7320027	7K13126	I7
42	KCAPVF		19-NOV-2007	13:21:01	7320027	7K13126	I7
43	KCAP2		19-NOV-2007	13:24:31	7320027	7K13126	I7
44	KCAP2F		19-NOV-2007	13:28:00	7320027	7K13126	I7

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument	
45	KCAP6		19-NOV-2007	13:31:30	7320027	7K13126	I7	V Co Cr Mo
46	QC STD 6		19-NOV-2007	13:37:20			I7	
47	QC STD 7		19-NOV-2007	13:43:08			I7	
48	KCAQC	5	19-NOV-2007	13:47:18	7320027	7K13126	I7	Ni Zn
49	KCAQCF	5	19-NOV-2007	13:50:45	7320027	7K13126	I7	1
50	KCHWJ		19-NOV-2007	13:54:53	7323027	A7K170185	I7	
51	KCHWJ		19-NOV-2007	13:58:21	7323027	A7K170185	I7	
52	KCAP6F		19-NOV-2007	14:01:51	7320027	7K13126	I7	V Co Cr Mo
53	KCAQC		19-NOV-2007	14:05:21	7320027	7K13126	I7	
54	KCAQCF		19-NOV-2007	14:10:59	7320027	7K13126	I7	
55	KCATK		19-NOV-2007	14:14:31	7320027	7K13126	I7	
56	KCATKF		19-NOV-2007	14:18:00	7320027	7K13126	I7	
57	KCATKFL		19-NOV-2007	14:21:29			I7	
58	QC STD 6		19-NOV-2007	14:27:18			I7	
59	QC STD 7		19-NOV-2007	14:33:06			I7	
60	KCJMCB		19-NOV-2007	14:37:17	7323027	A7K190000	I7	
61	KCJMCC		19-NOV-2007	14:40:46	7323027	A7K190000	I7	
62	KCEGW		19-NOV-2007	14:45:46	7323027	A7K160130	I7	
63	KCEHD		19-NOV-2007	14:49:15	7323027	A7K160130	I7	
64	KCEHT		19-NOV-2007	14:52:45	7323027	A7K160130	I7	
65	KCEHX		19-NOV-2007	14:56:15	7323027	A7K160130	I7	
66	KCHTQ		19-NOV-2007	14:59:46	7323027	A7K170185	I7	
67	KCHTQS		19-NOV-2007	15:03:17	7323027	A7K170185	I7	
68	KCHTQD		19-NOV-2007	15:06:48	7323027	A7K170185	I7	
69	KCHVD		19-NOV-2007	15:11:49	7323027	A7K170185	I7	
70	QC STD 6		19-NOV-2007	15:17:40			I7	
71	QC STD 7		19-NOV-2007	15:23:28			I7	
72	KCHVG		19-NOV-2007	15:26:25	7323027	A7K170185	I7	
73	KCHVK		19-NOV-2007	15:29:54	7323027	A7K170185	I7	
74	KCHVN		19-NOV-2007	15:33:23	7323027	A7K170185	I7	
75	KCHVW		19-NOV-2007	15:36:53	7323027	A7K170185	I7	
76	KCHV2		19-NOV-2007	15:40:22	7323027	A7K170185	I7	
77	KCHV5		19-NOV-2007	15:43:52	7323027	A7K170185	I7	
78	KCHV7		19-NOV-2007	15:47:22	7323027	A7K170185	I7	
79	KCHWE		19-NOV-2007	15:50:53	7323027	A7K170185	I7	PDS AT 22:57
80	KCHWEL		19-NOV-2007	15:54:24			I7	100 PPB PB
81	KCJMCB		19-NOV-2007	15:59:25	7323027	A7K190000	I7	
82	QC STD 6		19-NOV-2007	16:02:55			I7	
83	QC STD 7		19-NOV-2007	16:08:44			I7	
84	KCJMCC	10	19-NOV-2007	16:11:43	7323027	A7K190000	I7	
85	KCEGW		19-NOV-2007	16:16:45	7323027	A7K160130	I7	
86	KCEHD		19-NOV-2007	16:20:16	7323027	A7K160130	I7	
87	KCEHT		19-NOV-2007	16:23:45	7323027	A7K160130	I7	
88	KCEHX		19-NOV-2007	16:27:14	7323027	A7K160130	I7	

(continued)

Instrument Upload — Run Log - Page 1
Started Tue Nov 20 07:29:03 2007 by DAVIESB
Data File: UPL$CAN_DATA_ROOT:<REP>111907D.REP;1

#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
1	BLANK		19-NOV-2007	23:53:25			I7
2	STANDARD 1		19-NOV-2007	23:56:57			I7
3	STANDARD 2		20-NOV-2007	00:00:30			I7
4	STANDARD 3		20-NOV-2007	00:04:04			I7
5	QC STD 1		20-NOV-2007	00:09:54			I7
6	QC STD 2		20-NOV-2007	00:15:42			I7
7	QC STD 3		20-NOV-2007	00:18:40			I7
8	QC STD 4		20-NOV-2007	00:22:24			I7
9	QC STD 5		20-NOV-2007	00:26:10			I7
10	QC STD 6		20-NOV-2007	00:32:50			I7
11	QC STD 7		20-NOV-2007	00:38:38			I7
12	KCJLXBF		20-NOV-2007	00:41:37	7323021	A7K190000	I7
13	KCJLXCF		20-NOV-2007	00:45:08	7323021	A7K190000	I7
14	KCEFGF		20-NOV-2007	00:50:09	7323021	A7K160130	I7
15	KCHWRF		20-NOV-2007	00:53:40	7323021	A7K170185	I7
16	BLANK		20-NOV-2007	01:07:47			I7
17	STANDARD 1		20-NOV-2007	01:11:19			I7
18	STANDARD 2		20-NOV-2007	01:14:55			I7
19	STANDARD 3		20-NOV-2007	01:18:29			I7
20	QC STD 1		20-NOV-2007	01:24:19			I7
21	QC STD 2		20-NOV-2007	01:30:07			I7
22	QC STD 3		20-NOV-2007	01:33:05			I7
23	QC STD 4		20-NOV-2007	01:36:49			I7
24	QC STD 5		20-NOV-2007	01:40:35			I7
25	QC STD 6		20-NOV-2007	01:47:15			I7
26	QC STD 7		20-NOV-2007	01:53:03			I7
27	KCJLXBF		20-NOV-2007	01:56:02	7323021	A7K190000	I7
28	KCJLXCF		20-NOV-2007	01:59:33	7323021	A7K190000	I7
29	KCEFGF		20-NOV-2007	02:04:34	7323021	A7K160130	I7
30	KCHWRF		20-NOV-2007	02:08:05	7323021	A7K170185	I7
31	KCHXPF		20-NOV-2007	02:11:37	7323021	A7K170189	I7
32	ZZZZZ		20-NOV-2007	02:15:10	7323021	A7K170189	I7
33	KCHXPFS		20-NOV-2007	02:18:43	7323021	A7K170189	I7
34	KCHXPFD		20-NOV-2007	02:22:15	7323021	A7K170189	I7
35	KCHXXF		20-NOV-2007	02:27:17	7323021	A7K170189	I7
36	KCHX0F		20-NOV-2007	02:33:07	7323021	A7K170189	I7
37	QC STD 6		20-NOV-2007	02:38:56			I7
38	QC STD 7		20-NOV-2007	02:44:44			I7
39	KCHX3F		20-NOV-2007	02:47:43	7323021	A7K170189	I7
40	KCHX6F		20-NOV-2007	02:51:14	7323021	A7K170189	I7
41	KCJMEB		20-NOV-2007	02:56:16	7323028	A7K190000	I7
42	KCJMEC		20-NOV-2007	02:59:48	7323028	A7K190000	I7
43	KCHP0		20-NOV-2007	03:04:52	7323028	A7K170175	I7
44	KCHP0S		20-NOV-2007	03:08:24	7323028	A7K170175	I7

BLD 11/20/07

(continued)

#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
45	KCHP0D		20-NOV-2007	03:11:54	7323028	A7K170175	I7
46	KCHQC		20-NOV-2007	03:16:55	7323028	A7K170175	I7
47	KCHQD		20-NOV-2007	03:20:26	7323028	A7K170175	I7
48	KCHQF		20-NOV-2007	03:26:18	7323028	A7K170175	I7
49	QC STD 6		20-NOV-2007	03:32:08			I7
50	QC STD 7		20-NOV-2007	03:37:56			I7
51	KCHQG		20-NOV-2007	03:40:55	7323028	A7K170175	I7
52	KCHQH		20-NOV-2007	03:48:28	7323028	A7K170175	I7
53	KCHQJ		20-NOV-2007	03:54:20	7323028	A7K170175	I7
54	KCHQK		20-NOV-2007	03:57:53	7323028	A7K170175	I7
55	KCHQM		20-NOV-2007	04:01:26	7323028	A7K170175	I7
56	KCHQN		20-NOV-2007	04:05:00	7323028	A7K170175	I7
57	KCHQP		20-NOV-2007	04:08:33	7323028	A7K170175	I7
58	KCHQQ		20-NOV-2007	04:12:06	7323028	A7K170175	I7
59	KA90R		20-NOV-2007	04:15:37	7323028	7K15103	I7
60	KA90RL		20-NOV-2007	04:21:28			I7
61	QC STD 6		20-NOV-2007	04:27:18			I7
62	QC STD 7		20-NOV-2007	04:33:06			I7
63	KCHQH		20-NOV-2007	04:36:05	7323028	A7K170175	I7
64	KCHQJ		20-NOV-2007	04:39:37	7323028	A7K170175	I7
65	KCHQK		20-NOV-2007	04:43:09	7323028	A7K170175	I7
66	KCHQM		20-NOV-2007	04:46:41	7323028	A7K170175	I7
67	KCHQN		20-NOV-2007	04:50:14	7323028	A7K170175	I7
68	KCHQP		20-NOV-2007	04:53:47	7323028	A7K170175	I7
69	KCHQQ		20-NOV-2007	04:57:20	7323028	A7K170175	I7
70	KA90R		20-NOV-2007	05:00:54	7323028	7K15103	I7
71	KA90RL		20-NOV-2007	05:04:29			I7
72	KCJL1B		20-NOV-2007	05:10:23	7323022	A7K190000	I7
73	QC STD 6		20-NOV-2007	05:16:15			I7
74	QC STD 7		20-NOV-2007	05:22:03			I7
75	KCJL1C		20-NOV-2007	05:25:05	7323022	A7K190000	I7
76	KCE51		20-NOV-2007	05:30:08	7323022	7K13126	I7
77	KCE51F		20-NOV-2007	05:33:40	7323022	7K13126	I7
78	KCEDV		20-NOV-2007	05:37:12	7323022	7K13126	I7
79	KCEDVF		20-NOV-2007	05:40:44	7323022	7K13126	I7
80	KCEDVX		20-NOV-2007	05:44:17	7323022	7K13126	I7
81	KCEDVS		20-NOV-2007	05:47:50	7323022	7K13126	I7
82	KCED7		20-NOV-2007	05:52:54	7323022	7K13126	I7
83	KCED7F		20-NOV-2007	05:56:27	7323022	7K13126	I7
84	KCED9		20-NOV-2007	06:02:21	7323022	7K13126	I7
85	QC STD 6		20-NOV-2007	06:08:13			I7
86	QC STD 7		20-NOV-2007	06:14:01			I7
87	KCED9F		20-NOV-2007	06:17:02	7323022	7K13126	I7
88	KCEEA		20-NOV-2007	06:20:37	7323022	7K13126	I7

(continued)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 7K14155 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)		Work Order #: KCDHH1AA	LCS Lot-Sample#: A7K150000-496		
	101	(97 - 103)	SW846 9040B	11/15/07	7319496
		Dilution Factor: 1			
pH (liquid)		Work Order #: KCDKJ1AA	LCS Lot-Sample#: A7K150000-513		
	101	(97 - 103)	SW846 9040B	11/14/07	7319513
		Dilution Factor: 1			
pH (liquid)		Work Order #: KCGH61AA	LCS Lot-Sample#: A7K160000-508		
	101	(97 - 103)	SW846 9040B	11/16/07	7320508
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7K140155 **Work Order #...:** KA88F-SMP KA88F-DUP **Matrix.....:** WATER

Date Sampled...: 11/13/07 12:00 **Date Received..:** 11/14/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)						SD Lot-Sample #: A7K140292-002		
	9.5	9.6	No Units	1.0	(0-20)	SW846 9040B	11/14/07	7318479
		Dilution Factor: 1						

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7K140155 **Work Order #...:** KCAJ4-SMP KCAJ4-DUP **Matrix.....:** WATER

Date Sampled...: 11/14/07 11:01 **Date Received..:** 11/15/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)						SD Lot-Sample #: A7K150177-001		
	11.6	11.6	No Units	0.17	(0-20)	SW846 9040B	11/15/07	7319496

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7K140155 **Work Order #...:** KCCRP-SMP KCCRP-DUP **Matrix.....:** WATER

Date Sampled...: 11/14/07 15:30 **Date Received..:** 11/15/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)						SD Lot-Sample #: A7K150305-001		
	7.9	7.9	No Units	0.25	(0-20)	SW846 9040B	11/15/07	7319496

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7K140155 **Work Order #...:** KCEE7-SMP KCEE7-DUP **Matrix.....:** WATER

Date Sampled...: 11/15/07 10:00 **Date Received..:** 11/16/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)						SD Lot-Sample #: A7K160135-001		
	8.9	8.9	No Units	0.22	(0-20)	SW846 9040B	11/16/07	7320508

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7K140155 **Work Order #...:** KCETR-SMP KCETR-DUP **Matrix.....:** WATER

Date Sampled...: 11/15/07 10:50 **Date Received..:** 11/16/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)						SD Lot-Sample #: A7K160175-002		
	7.2	7.2	No Units	0.0	(0-20)	SW846 9040B	11/16/07	7320508
			Dilution Factor: 1					

Test America-N. Canton Elan 6100 ICPMS

Sample MW70B-111207
Arsenic reported result 1.3 ug/L

Quantitative Analysis Report

Sample ID: **KA71H**

Sample Date/Time: Friday, November 16, 2007 18:20:56
Method File: c:\elandata\Method\analysis.mth
Dataset File: C:\elandata\Dataset\111607C\KA71H.038
Number of Replicates: 2

Concentration Results

	Analyt	Mass	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
|>	Li	6			1112198.416	ppb	1159030.058
|-	Be	9	0.205144	7.849	73.001	ppb	3
|-	Al	27	43.189214	5.608	141107.119	ppb	5568.643
|>	Sc	45			743947.916	ppb	792459.854
|	V	51	0.116704	41.417	2123.539	ppb	1524.996
|	Cr	52	0.25367	4.058	10847.726	ppb	10158.213
|	Cr	53	-2.235113	91.983	15365.931	ppb	17848.85
|-	Co	59	39.780847	1.322	250753.547	ppb	498.014
|-	Ni	60	56.77816	0.59	77342.096	ppb	103.001
|	Ni	62	56.929789	1.983	11734.437	ppb	255.505
|	Cu	63	0.290749	6.997	1193.562	ppb	381.009
|	Cu	65	0.155435	11.679	397.01	ppb	197.503
|	Zn	66	79.193526	0.614	52372.36	ppb	307.006
|	Zn	67	70.573283	1.519	11061.892	ppb	3360.93
|	Zn	68	80.889748	0.177	38762.406	ppb	563.517
|>	Ge	72			778740.707	ppb	814109.217
|	As	75	1.302846	9.888	1002.303	ppb	-3.677
|	Se	77	-0.464651	113.331	378.509	ppb	423.511
|-	Se	82	1.197222	18.242	86.742	ppb	-4.74
|-	Mo	95	0.08223	36.755	1544.599	ppb	1564.101
|	Mo	97	0.089335	59.179	912.538	ppb	913.038
|	Mo	98	0.081433	26.709	2389.285	ppb	2410.234
|	Ag	107	0.010557	14.828	141.502	ppb	104.001
|	Ag	109	0.006652	14.572	63.501	ppb	39
|	Cd	110	-0.090154	79.403	-3131.192	ppb	-3337.938
|	Cd	111	0.022326	14.349	35.336	ppb	14.835
|	Cd	114	0.016327	19.61	79.331	ppb	46.978
|>	In	115			665967.455	ppb	730115.447
|	Sn	118	0.298996	11.745	1106.054	ppb	224.504
|	Sn	120	0.298471	10.83	1498.53	ppb	293.955
|	Sb	121	0.279016	6.436	995.545	ppb	241.004
|	Sb	123	0.277062	0.765	764.892	ppb	196.995
|	Ba	135	90.036845	0.54	80851.462	ppb	14.5
|-	Ba	137	90.387546	0.651	140453.49	ppb	25.5
|>	Ho	165			879180.054	ppb	956186.695
|	Tl	203	-0.02746	14.764	148.002	ppb	272.005
|	Tl	205	-0.031928	8.079	350.508	ppb	680.023
|	Pb	208	0.048351	0.677	1409.042	ppb	903.02
|-	Bi	209			784683.413	ppb	973839.821

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 6 Ck6CCV Seq: 52 11:08:24 20 Nov 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.84	4.892	5.000	ppb	.0000

*** Check Standard: 5 Ck5CCB Seq: 53 11:09:42 20 Nov 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		^^^^^^	.0005	.0000	ppb	.0000

DO NOT UPLOAD

*** Sample ID: KCJL1B Seq: 54 11:10:56 20 Nov 07 HG

7323022

Hg	-.0099	ppb	.0000	-.0099

*** Sample ID: KCJL1C Seq: 55 11:12:12 20 Nov 07 HG

Hg	4.705	ppb	.0000	4.705

*** Sample ID: KCE51 Seq: 56 11:13:26 20 Nov 07 HG

Hg	.0578	ppb	.0000	.0578

*** Sample ID: KCE51F Seq: 57 11:14:44 20 Nov 07 HG

Hg	.1587	ppb	.0000	.1587

Sample MW706-111507F rep result Hg 0.1604

*** Sample ID: KCED7 Seq: 58 11:16:03 20 Nov 07 HG

Hg	.1307	ppb	.0000	.1307

*** Sample ID: KCED7F Seq: 59 11:17:17 20 Nov 07 HG

Hg	.0262	ppb	.0000	.0262

*** Sample ID: KCED9 Seq: 60 11:18:35 20 Nov 07 HG

Hg	.0370	ppb	.0000	.0370

*** Sample ID: KCED9F Seq: 61 11:20:03 20 Nov 07 HG

Hg	.0343	ppb	.0000	.0343

*** Sample ID: KCEDV Seq: 62 11:21:23 20 Nov 07 HG

Hg	.0438	ppb	.0000	.0438

*** Sample ID: KCEDVX Seq: 63 11:22:39 20 Nov 07 HG

Hg	.0780	ppb	.0000	.0780

*** Check Standard: 6 Ck6CCV Seq: 64 11:24:06 20 Nov 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.06	4.853	5.000	ppb	.0000

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO : **MIKE MARTIN** **DATE:** **FEBRUARY 27, 2008**

FROM: **J.SAMCHUCK** **COPIES:** **DV FILE**

SUBJECT: ORGANIC DATA VALIDATION – VOCS/1,4-DIOXANE
MARTIN STATE AIRPORT
SAMPLE DELIVERY GROUP (SDG) – 7K28188

SAMPLES: 6/Aqueous

RW-01S-112707	RW-01S-112807	RW-01S-113007
TB-112707	TB-112807	TB-113007

Overview

This sample set for the Martin State Airport, SDG 7K28188, consists of 3 environmental water samples and 3 trip blanks. The samples were analyzed for Volatile Organic Compounds (VOCs) and 1,4-dioxane (SVOC). No field duplicates were included in this data set.

The samples were collected by Tetra Tech NUS, Inc. on November 27, 28, and 30, 2007 and analyzed by TestAmerica Laboratories, Inc. The samples were analyzed by SW-846 Methods 8260B and 8270C.

Summary

The findings in this report are based upon a general review of all available data including: data completeness, system performance, holding times, GC/MS tuning, initial/continuing calibrations, laboratory method blank contamination, surrogate spike, matrix spike/matrix spike duplicate (MS/MSD) results, Laboratory Control Sample (LCS) results, compound identification, compound quantitation, and detection limits. Areas of concern are listed below; documentation supporting these findings is presented in Appendix C. Qualified analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

Major Problems

- The initial calibration and continuing calibration relative response factors (RRFs) for tert-butyl alcohol were less than the 0.05 quality control limit on 8/24/07 and 12/04/07 on instrument A3UX10. Non-detected results for tert-butyl alcohol were rejected (UR) in samples associated with this calibration.

Minor Problems

- The following compounds were detected in laboratory method blanks and trip blanks at the following maximum concentrations.

Compound	Level	Action Level
1,2,3-Trichlorobenzene[1]	0.41 µg/L	2.05 µg/L

1,2,4-Trichlorobenzene[1]	0.23 µg/L	1.15 µg/L
Naphthalene[1]	0.38 µg/L	1.9 µg/L
Styrene[2]	0.20 µg/L	1.0 µg/L
Toluene[2]	0.31 µg/L	1.55 µg/L

1. Reported in laboratory blanks only.
2. Reported in trip blanks only.

An action level of 10X the maximum blank concentration was used for the common laboratory contaminants, acetone and 2-butanone. An action level of 5X the maximum contaminant concentration was used for the other blank contaminants to evaluate laboratory or field contamination. Dilution factors and sample aliquots were taken into consideration during the application of all action levels, if applicable.

Results for the other above mentioned compounds were not qualified because they were not positively detected in any environmental samples.

- The continuing calibration had the %D > 25% quality control limit but < 50% quality control limit for acetone and 2-butanone on 12/04/07 @09:13 on instrument A3UX10. Positive results were qualified as estimated (J).

- Positive results reported below the reporting limit (RL) but above the method detection limit (MDL) for the organic analyses were qualified as estimated (J).

Notes

In the VOC analysis, samples RW-01S-112707, RW-01S-112807, and RW-01S-113007, were analyzed at dilutions of 50 times because of high analyte concentrations (e.g. cis-1,2-DCE, TCE, and vinyl chloride). The dilutions resulted in elevated quantitation limits for these samples

The continuing calibration had the %D > 25% quality control limit but < 50% quality control limit for trichlorofluoromethane, vinyl acetate, 2-chloroethyl vinyl ether, 4-methyl-2-pentanone, 2-hexanone, and bromoform, on 12/4/07 on instrument A3UX10. No validation actions were required because the aforementioned compounds were not positively detected in samples associated with this calibration.

No matrix spike analyses were performed either the volatile or semivolatile fraction.

The laboratory control samples were not spiked with 1,4-dioxane. The recoveries of other spiked compounds and the surrogate recoveries in the samples were acceptable. No validation action was taken.

Executive Summary

Laboratory Performance: 1,2,3-Trichlorobenzene, 1,2,4-trichlorobenzene, toluene, styrene, and naphthalene were detected in laboratory blanks. The initial calibration and continuing RRFs for tert-butyl alcohol were below the control limit resulting in the rejection of nondetected results.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "Region III Modifications to the National Functional Guidelines for Organic Data Review" (9/94). The text of this report has been formulated to address only those problem areas affecting data quality.

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

Data Qualifier Key:

B - Positive result is considered to be an artifact of blank contamination and should not be considered present.

J - Positive result is considered estimated, "J", as a result of technical noncompliances.

U - Nondetected result.

UR - Nondetected result is considered rejected, "UR", as a result of severe validation noncompliances.

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS-GFAA MSA's r < 0.995 / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O - Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DOT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient r < 0.995
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00998

SDG: 7K28188 MEDIA: WATER DATA FRACTION: OV

nsample	RW-01S-112707DL	nsample	RW-01S-112707DL	nsample	RW-01S-112707DL
samp_date	11/27/2007	samp_date	11/27/2007	samp_date	11/27/2007
lab_id	A7K280188001	lab_id	A7K280188001	lab_id	A7K280188001
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	50	U	
1,1,1-TRICHLOROETHANE	50	U	
1,1,2,2-TETRACHLOROETHANE	50	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	50	U	
1,1-DICHLOROETHANE	50	U	
1,1-DICHLOROETHENE	50	U	
1,1-DICHLOROPROPENE	50	U	
1,2,3-TRICHLOROBENZENE	50	U	
1,2,3-TRICHLOROPROPANE	50	U	
1,2,3-TRIMETHYLBENZENE	250	U	
1,2,4-TRICHLOROBENZENE	50	U	
1,2,4-TRIMETHYLBENZENE	50	U	
1,2-DIBROMO-3-CHLOROPROPANE	100	U	
1,2-DIBROMOETHANE	50	U	
1,2-DICHLOROBENZENE	50	U	
1,2-DICHLOROETHANE	50	U	
1,2-DICHLOROPROPANE	50	U	
1,3-DICHLOROBENZENE	50	U	
1,3-DICHLOROPROPANE	50	U	
1,4-DICHLOROBENZENE	50	U	
2,2-DICHLOROPROPANE	50	U	
2-BUTANONE	250	U	
2-CHLOROETHYL VINYL ETHER	250	U	
2-CHLOROTOLUENE	50	U	
2-HEXANONE	250	U	
4-CHLOROTOLUENE	50	U	
4-ISOPROPYLTOLUENE	50	U	
4-METHYL-2-PENTANONE	250	U	
ACETONE	250	U	
BENZENE	50	U	
BROMOBENZENE	50	U	
BROMOCHLOROMETHANE	50	U	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	50	U	
BROMOFORM	50	U	
BROMOMETHANE	50	U	
CARBON DISULFIDE	50	U	
CARBON TETRACHLORIDE	50	U	
CHLOROBENZENE	50	U	
CHLORODIBROMOMETHANE	50	U	
CHLOROETHANE	50	U	
CHLOROFORM	50	U	
CHLOROMETHANE	50	U	
CIS-1,2-DICHLOROETHENE	460		
CIS-1,3-DICHLOROPROPENE	50	U	
DIBROMOMETHANE	50	U	
DICHLORODIFLUOROMETHANE	50	U	
DIISOPROPYL ETHER	250	U	
ETHYL TERT-BUTYL ETHER	250	U	
ETHYLBENZENE	50	U	
HEXACHLOROBUTADIENE	50	U	
ISOPROPYLBENZENE	50	U	
M+P-XYLENES	100	U	
METHYL TERT-BUTYL ETHER	250	U	
METHYLENE CHLORIDE	50	U	
NAPHTHALENE	50	U	
N-BUTYLBENZENE	50	U	
N-PROPYLBENZENE	50	U	
O-XYLENE	50	U	
SEC-BUTYLBENZENE	50	U	
STYRENE	50	U	
TERT-AMYL METHYL ETHER	250	U	
TERT-BUTYLBENZENE	50	U	
TERTIARY-BUTYL ALCOHOL	1000	UR	C
TETRACHLOROETHENE	50	U	

Parameter	Result	Val Qual	Qual Code
TOLUENE	50	U	
TOTAL XYLENES	100	U	
TRANS-1,2-DICHLOROETHENE	50	U	
TRANS-1,3-DICHLOROPROPENE	50	U	
TRICHLOROETHENE	1500		
TRICHLOROFLUOROMETHANE	50	U	
VINYL ACETATE	100	U	
VINYL CHLORIDE	140		

PROJ_NO: 00998

SDG: 7K28188 MEDIA: WATER DATA FRACTION: OV

nsample	RW-01S-112807DL	nsample	RW-01S-112807DL	nsample	RW-01S-112807DL
samp_date	11/28/2007	samp_date	11/28/2007	samp_date	11/28/2007
lab_id	A7K300135001	lab_id	A7K300135001	lab_id	A7K300135001
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	50	U	
1,1,1-TRICHLOROETHANE	50	U	
1,1,2,2-TETRACHLOROETHANE	50	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	50	U	
1,1-DICHLOROETHANE	50	U	
1,1-DICHLOROETHENE	18	J	P
1,1-DICHLOROPROPENE	50	U	
1,2,3-TRICHLOROBENZENE	50	U	
1,2,3-TRICHLOROPROPANE	50	U	
1,2,3-TRIMETHYLBENZENE	250	U	
1,2,4-TRICHLOROBENZENE	50	U	
1,2,4-TRIMETHYLBENZENE	50	U	
1,2-DIBROMO-3-CHLOROPROPANE	100	U	
1,2-DIBROMOETHANE	50	U	
1,2-DICHLOROBENZENE	50	U	
1,2-DICHLOROETHANE	50	U	
1,2-DICHLOROPROPANE	50	U	
1,3-DICHLOROBENZENE	50	U	
1,3-DICHLOROPROPANE	50	U	
1,4-DICHLOROBENZENE	50	U	
2,2-DICHLOROPROPANE	50	U	
2-BUTANONE	250	U	
2-CHLOROETHYL VINYL ETHER	250	U	
2-CHLOROTOLUENE	50	U	
2-HEXANONE	250	U	
4-CHLOROTOLUENE	50	U	
4-ISOPROPYLTOLUENE	50	U	
4-METHYL-2-PENTANONE	250	U	
ACETONE	250	U	
BENZENE	50	U	
BROMOBENZENE	50	U	
BROMOCHLOROMETHANE	50	U	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	50	U	
BROMOFORM	50	U	
BROMOMETHANE	50	U	
CARBON DISULFIDE	50	U	
CARBON TETRACHLORIDE	50	U	
CHLOROBENZENE	11	J	P
CHLORODIBROMOMETHANE	50	U	
CHLOROETHANE	50	U	
CHLOROFORM	50	U	
CHLOROMETHANE	50	U	
CIS-1,2-DICHLOROETHENE	520		
CIS-1,3-DICHLOROPROPENE	50	U	
DIBROMOMETHANE	50	U	
DICHLORODIFLUOROMETHANE	50	U	
DIISOPROPYL ETHER	250	U	
ETHYL TERT-BUTYL ETHER	250	U	
ETHYLBENZENE	50	U	
HEXACHLOROBUTADIENE	50	U	
ISOPROPYLBENZENE	50	U	
M+P-XYLENES	100	U	
METHYL TERT-BUTYL ETHER	250	U	
METHYLENE CHLORIDE	50	U	
NAPHTHALENE	50	U	
N-BUTYLBENZENE	50	U	
N-PROPYLBENZENE	50	U	
O-XYLENE	50	U	
SEC-BUTYLBENZENE	50	U	
STYRENE	50	U	
TERT-AMYL METHYL ETHER	250	U	
TERT-BUTYLBENZENE	50	U	
TERTIARY-BUTYL ALCOHOL	1000	UR	C
TETRACHLOROETHENE	50	U	

Parameter	Result	Val Qual	Qual Code
TOLUENE	50	U	
TOTAL XYLENES	100	U	
TRANS-1,2-DICHLOROETHENE	50	U	
TRANS-1,3-DICHLOROPROPENE	50	U	
TRICHLOROETHENE	1600		
TRICHLOROFLUOROMETHANE	50	U	
VINYL ACETATE	100	U	
VINYL CHLORIDE	200		

PROJ_NO: 00998

SDG: 7K28188 MEDIA: WATER DATA FRACTION: OV

nsample	RW-01S-113007DL
samp_date	11/30/2007
lab_id	A7L010216001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	50	U	
1,1,1-TRICHLOROETHANE	50	U	
1,1,2,2-TETRACHLOROETHANE	50	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	50	U	
1,1-DICHLOROETHANE	50	U	
1,1-DICHLOROETHENE	50	U	
1,1-DICHLOROPROPENE	50	U	
1,2,3-TRICHLOROBENZENE	50	U	
1,2,3-TRICHLOROPROPANE	50	U	
1,2,3-TRIMETHYLBENZENE	250	U	
1,2,4-TRICHLOROBENZENE	50	U	
1,2,4-TRIMETHYLBENZENE	50	U	
1,2-DIBROMO-3-CHLOROPROPANE	100	U	
1,2-DIBROMOETHANE	50	U	
1,2-DICHLOROBENZENE	50	U	
1,2-DICHLOROETHANE	50	U	
1,2-DICHLOROPROPANE	50	U	
1,3-DICHLOROBENZENE	50	U	
1,3-DICHLOROPROPANE	50	U	
1,4-DICHLOROBENZENE	50	U	
2,2-DICHLOROPROPANE	50	U	
2-BUTANONE	250	U	
2-CHLOROETHYL VINYL ETHER	250	U	
2-CHLOROTOLUENE	50	U	
2-HEXANONE	250	U	
4-CHLOROTOLUENE	50	U	
4-ISOPROPYLTOLUENE	50	U	
4-METHYL-2-PENTANONE	250	U	
ACETONE	250	U	
BENZENE	50	U	
BROMOBENZENE	50	U	
BROMOCHLOROMETHANE	50	U	

nsample	RW-01S-113007DL
samp_date	11/30/2007
lab_id	A7L010216001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	50	U	
BROMOFORM	50	U	
BROMOMETHANE	50	U	
CARBON DISULFIDE	50	U	
CARBON TETRACHLORIDE	50	U	
CHLOROBENZENE	19	J	P
CHLORODIBROMOMETHANE	50	U	
CHLOROETHANE	50	U	
CHLOROFORM	50	U	
CHLOROMETHANE	50	U	
CIS-1,2-DICHLOROETHENE	450		
CIS-1,3-DICHLOROPROPENE	50	U	
DIBROMOMETHANE	50	U	
DICHLORODIFLUOROMETHANE	50	U	
DIISOPROPYL ETHER	250	U	
ETHYL TERT-BUTYL ETHER	250	U	
ETHYLBENZENE	50	U	
HEXACHLOROBUTADIENE	50	U	
ISOPROPYLBENZENE	50	U	
M+P-XYLENES	100	U	
METHYL TERT-BUTYL ETHER	250	U	
METHYLENE CHLORIDE	50	U	
NAPHTHALENE	50	U	
N-BUTYLBENZENE	50	U	
N-PROPYLBENZENE	50	U	
O-XYLENE	50	U	
SEC-BUTYLBENZENE	50	U	
STYRENE	50	U	
TERT-AMYL METHYL ETHER	250	U	
TERT-BUTYLBENZENE	50	U	
TERTIARY-BUTYL ALCOHOL	1000	UR	C
TETRACHLOROETHENE	50	U	

nsample	RW-01S-113007DL
samp_date	11/30/2007
lab_id	A7L010216001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	50	U	
TOTAL XYLENES	100	U	
TRANS-1,2-DICHLOROETHENE	50	U	
TRANS-1,3-DICHLOROPROPENE	50	U	
TRICHLOROETHENE	1600		
TRICHLOROFLUOROMETHANE	50	U	
VINYL ACETATE	100	U	
VINYL CHLORIDE	770		

PROJ_NO: 00998

SDG: 7K28188 MEDIA: WATER DATA FRACTION: OV

nsample	TB-112707	nsample	TB-112707	nsample	TB-112707
samp_date	11/27/2007	samp_date	11/27/2007	samp_date	11/27/2007
lab_id	A7K280188002	lab_id	A7K280188002	lab_id	A7K280188002
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	1	U	
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,1-DICHLOROPROPENE	1	U	
1,2,3-TRICHLOROBENZENE	0.28	J	P
1,2,3-TRICHLOROPROPANE	1	U	
1,2,3-TRIMETHYLBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	1	U	
1,2,4-TRIMETHYLBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	2	U	
1,2-DIBROMOETHANE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,3-DICHLOROPROPANE	1	U	
1,4-DICHLOROBENZENE	1	U	
2,2-DICHLOROPROPANE	1	U	
2-BUTANONE	5.8	J	C
2-CHLOROETHYL VINYL ETHER	5	U	
2-CHLOROTOLUENE	1	U	
2-HEXANONE	5	U	
4-CHLOROTOLUENE	1	U	
4-ISOPROPYLTOLUENE	1	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	27	J	C
BENZENE	1	U	
BROMOBENZENE	1	U	
BROMOCHLOROMETHANE	1	U	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	1	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	1	U	
CHLOROFORM	1	U	
CHLOROMETHANE	1	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
DIISOPROPYL ETHER	5	U	
ETHYL TERT-BUTYL ETHER	5	U	
ETHYLBENZENE	1	U	
HEXACHLOROBUTADIENE	1	U	
ISOPROPYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	1	U	
NAPHTHALENE	0.37	J	P
N-BUTYLBENZENE	1	U	
N-PROPYLBENZENE	1	U	
O-XYLENE	1	U	
SEC-BUTYLBENZENE	1	U	
STYRENE	0.2	J	P
TERT-AMYL METHYL ETHER	5	U	
TERT-BUTYLBENZENE	1	U	
TERTIARY-BUTYL ALCOHOL	20	UR	C
TETRACHLOROETHENE	1	U	

Parameter	Result	Val Qual	Qual Code
TOLUENE	0.31	J	P
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

PROJ_NO: 00998

SDG: 7K28188 MEDIA: WATER DATA FRACTION: OV

nsample	TB-112807	nsample	TB-112807	nsample	TB-112807
samp_date	11/28/2007	samp_date	11/28/2007	samp_date	11/28/2007
lab_id	A7K300135002	lab_id	A7K300135002	lab_id	A7K300135002
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	1	U	
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,1-DICHLOROPROPENE	1	U	
1,2,3-TRICHLOROBENZENE	1	U	
1,2,3-TRICHLOROPROPANE	1	U	
1,2,3-TRIMETHYLBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	1	U	
1,2,4-TRIMETHYLBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	2	U	
1,2-DIBROMOETHANE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,3-DICHLOROPROPANE	1	U	
1,4-DICHLOROBENZENE	1	U	
2,2-DICHLOROPROPANE	1	U	
2-BUTANONE	6.1	J	C
2-CHLOROETHYL VINYL ETHER	5	U	
2-CHLOROTOLUENE	1	U	
2-HEXANONE	5	U	
4-CHLOROTOLUENE	1	U	
4-ISOPROPYLTOLUENE	1	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	30	J	C
BENZENE	1	U	
BROMOBENZENE	1	U	
BROMOCHLOROMETHANE	1	U	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	1	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	1	U	
CHLOROFORM	1	U	
CHLOROMETHANE	1	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
DIISOPROPYL ETHER	5	U	
ETHYL TERT-BUTYL ETHER	5	U	
ETHYLBENZENE	1	U	
HEXACHLOROBUTADIENE	1	U	
ISOPROPYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	1	U	
NAPHTHALENE	1	U	
N-BUTYLBENZENE	1	U	
N-PROPYLBENZENE	1	U	
O-XYLENE	1	U	
SEC-BUTYLBENZENE	1	U	
STYRENE	0.17	J	P
TERT-AMYL METHYL ETHER	5	U	
TERT-BUTYLBENZENE	1	U	
TERTIARY-BUTYL ALCOHOL	20	UR	C
TETRACHLOROETHENE	1	U	

Parameter	Result	Val Qual	Qual Code
TOLUENE	0.27	J	P
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

PROJ_NO: 00998

SDG: 7K28188 MEDIA: WATER DATA FRACTION: OV

nsample	TB-113007	nsample	TB-113007	nsample	TB-113007
samp_date	11/30/2007	samp_date	11/30/2007	samp_date	11/30/2007
lab_id	A7L010216002	lab_id	A7L010216002	lab_id	A7L010216002
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	1	U	
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,1-DICHLOROPROPENE	1	U	
1,2,3-TRICHLOROBENZENE	1	U	
1,2,3-TRICHLOROPROPANE	1	U	
1,2,3-TRIMETHYLBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	1	U	
1,2,4-TRIMETHYLBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	2	U	
1,2-DIBROMOETHANE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,3-DICHLOROPROPANE	1	U	
1,4-DICHLOROBENZENE	1	U	
2,2-DICHLOROPROPANE	1	U	
2-BUTANONE	6.3	J	C
2-CHLOROETHYL VINYL ETHER	5	U	
2-CHLOROTOLUENE	1	U	
2-HEXANONE	5	U	
4-CHLOROTOLUENE	1	U	
4-ISOPROPYLTOLUENE	1	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	28	J	C
BENZENE	1	U	
BROMOBENZENE	1	U	
BROMOCHLOROMETHANE	1	U	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	1	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	1	U	
CHLOROFORM	1	U	
CHLOROMETHANE	1	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
DIISOPROPYL ETHER	5	U	
ETHYL TERT-BUTYL ETHER	5	U	
ETHYLBENZENE	1	U	
HEXACHLOROBUTADIENE	1	U	
ISOPROPYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	1	U	
NAPHTHALENE	1	U	
N-BUTYLBENZENE	1	U	
N-PROPYLBENZENE	1	U	
O-XYLENE	1	U	
SEC-BUTYLBENZENE	1	U	
STYRENE	0.16	J	P
TERT-AMYL METHYL ETHER	5	U	
TERT-BUTYLBENZENE	1	U	
TERTIARY-BUTYL ALCOHOL	20	UR	C
TETRACHLOROETHENE	1	U	

Parameter	Result	Val Qual	Qual Code
TOLUENE	0.22	J	P
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

PROJ_NO: 00998

SDG: 7K28188 MEDIA: WATER DATA FRACTION: OS

nsample	RW-01S-112707DL	nsample	RW-01S-112807DL	nsample	RW-01S-113007DL
samp_date	11/27/2007	samp_date	11/28/2007	samp_date	11/30/2007
lab_id	A7K280188001	lab_id	A7K300135001	lab_id	A7L010216001
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,4-DIOXANE	96		

Parameter	Result	Val Qual	Qual Code
1,4-DIOXANE	250		

Parameter	Result	Val Qual	Qual Code
1,4-DIOXANE	230		

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

Tetra Tech NUS, Inc

Client Sample ID: RW-01S-112707

GC/MS Volatiles

Lot-Sample #...: A7K280188-001 **Work Order #...:** KC0W21CD **Matrix.....:** WG
Date Sampled...: 11/27/07 14:10 **Date Received..:** 11/28/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339112
Dilution Factor: 50 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromobenzene	ND	50	ug/L
Bromochloromethane	ND	50	ug/L
2-Chloroethyl vinyl ether	ND	250	ug/L
2-Butanone	ND	250	ug/L
Xylenes (total)	ND	100	ug/L
1,2,3-Trichloropropane	ND	50	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	50	ug/L
cis-1,2-Dichloroethene	**460**	**50**	**ug/L**
trans-1,2-Dichloroethene	ND	50	ug/L
o-Xylene	ND	50	ug/L
m-Xylene & p-Xylene	ND	100	ug/L
Isopropylbenzene	ND	50	ug/L
1,2-Dibromo-3-chloropropane	ND	100	ug/L
Dichlorodifluoromethane	ND	50	ug/L
Trichlorofluoromethane	ND	50	ug/L
Acetone	ND	250	ug/L
Bromodichloromethane	ND	50	ug/L
n-Butylbenzene	ND	50	ug/L
sec-Butylbenzene	ND	50	ug/L
tert-Butylbenzene	ND	50	ug/L
Carbon disulfide	ND	50	ug/L
Dibromochloromethane	ND	50	ug/L
2-Chlorotoluene	ND	50	ug/L
4-Chlorotoluene	ND	50	ug/L
1,2-Dibromoethane	ND	50	ug/L
Dibromomethane	ND	50	ug/L
1,2-Dichlorobenzene	ND	50	ug/L
1,3-Dichlorobenzene	ND	50	ug/L
1,4-Dichlorobenzene	ND	50	ug/L
1,3-Dichloropropane	ND	50	ug/L
2,2-Dichloropropane	ND	50	ug/L
1,1-Dichloropropene	ND	50	ug/L
Hexachlorobutadiene	ND	50	ug/L
2-Hexanone	ND	250	ug/L
p-Isopropyltoluene	ND	50	ug/L
tert-Butyl alcohol	ND	1000	ug/L

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: RW-01S-112707

GC/MS Volatiles

Lot-Sample #...: A7K280188-001 **Work Order #...:** KC0W21CD **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Methyl-2-pentanone	ND	250	ug/L
Naphthalene	ND	50	ug/L
n-Propylbenzene	ND	50	ug/L
Styrene	ND	50	ug/L
1,1,1,2-Tetrachloroethane	ND	50	ug/L
1,2,3-Trichlorobenzene	ND	50	ug/L
1,2,4-Trichloro-benzene	ND	50	ug/L
1,2,4-Trimethylbenzene	ND	50	ug/L
Vinyl acetate	ND	100	ug/L
1,2,3-Trimethylbenzene	ND	250	ug/L
Diisopropyl Ether (DIPE)	ND	250	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	250	ug/L
Tert-amyl methyl ether (TAME)	ND	250	ug/L
Methyl tert-butyl ether	ND	250	ug/L
Benzene	ND	50	ug/L
Bromoform	ND	50	ug/L
Bromomethane	ND	50	ug/L
Carbon tetrachloride	ND	50	ug/L
Chlorobenzene	ND	50	ug/L
Chloroethane	ND	50	ug/L
Chloroform	ND	50	ug/L
Chloromethane	ND	50	ug/L
1,1-Dichloroethane	ND	50	ug/L
1,2-Dichloroethane	ND	50	ug/L
1,1-Dichloroethene	ND	50	ug/L
1,2-Dichloropropane	ND	50	ug/L
cis-1,3-Dichloropropene	ND	50	ug/L
trans-1,3-Dichloropropene	ND	50	ug/L
Ethylbenzene	ND	50	ug/L
Methylene chloride	ND	50	ug/L
1,1,2,2-Tetrachloroethane	ND	50	ug/L
Tetrachloroethene	ND	50	ug/L
Toluene	ND	50	ug/L
1,1,1-Trichloroethane	ND	50	ug/L
Trichloroethene	**1500**	**50**	**ug/L**
Vinyl chloride	**140**	**50**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(73 - 122)
1,2-Dichloroethane-d4	79	(61 - 128)
Toluene-d8	84	(76 - 110)
4-Bromofluorobenzene	95	(74 - 116)

Tetra Tech NUS, Inc

Client Sample ID: RW-01S-112807

GC/MS Volatiles

Lot-Sample #...: A7K300135-001 **Work Order #...:** KC6WJ1CF **Matrix.....:** WG
Date Sampled...: 11/28/07 23:00 **Date Received..:** 11/30/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339112
Dilution Factor: 50 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
2,2-Dichloropropane	ND	50	ug/L
1,1,1,2-Tetrachloroethane	ND	50	ug/L
1,2,3-Trichlorobenzene	ND	50	ug/L
1,2,4-Trichloro-benzene	ND	50	ug/L
1,2,4-Trimethylbenzene	ND	50	ug/L
Vinyl acetate	ND	100	ug/L
1,2,3-Trimethylbenzene	ND	250	ug/L
Diisopropyl Ether (DIPE)	ND	250	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	250	ug/L
Tert-amyl methyl ether (TAME)	ND	250	ug/L
Methyl tert-butyl ether	ND	250	ug/L
Bromobenzene	ND	50	ug/L
Bromochloromethane	ND	50	ug/L
2-Chloroethyl vinyl ether	ND	250	ug/L
2-Butanone	ND	250	ug/L
Xylenes (total)	ND	100	ug/L
1,2,3-Trichloropropane	ND	50	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	50	ug/L
cis-1,2-Dichloroethene	**520**	**50**	**ug/L**
trans-1,2-Dichloroethene	ND	50	ug/L
o-Xylene	ND	50	ug/L
m-Xylene & p-Xylene	ND	100	ug/L
Isopropylbenzene	ND	50	ug/L
1,2-Dibromo-3-chloro-propane	ND	100	ug/L
Dichlorodifluoromethane	ND	50	ug/L
Trichlorofluoromethane	ND	50	ug/L
Acetone	ND	250	ug/L
Bromodichloromethane	ND	50	ug/L
n-Butylbenzene	ND	50	ug/L
sec-Butylbenzene	ND	50	ug/L
tert-Butylbenzene	ND	50	ug/L
Carbon disulfide	ND	50	ug/L
Dibromochloromethane	ND	50	ug/L
2-Chlorotoluene	ND	50	ug/L
4-Chlorotoluene	ND	50	ug/L

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: RW-01S-112807

GC/MS Volatiles

Lot-Sample #...: A7K300135-001 **Work Order #...:** KC6WJ1CF **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2-Dibromoethane	ND	50	ug/L
Dibromomethane	ND	50	ug/L
1,2-Dichlorobenzene	ND	50	ug/L
1,3-Dichlorobenzene	ND	50	ug/L
1,4-Dichlorobenzene	ND	50	ug/L
1,3-Dichloropropane	ND	50	ug/L
1,1-Dichloropropene	ND	50	ug/L
Hexachlorobutadiene	ND	50	ug/L
2-Hexanone	ND	250	ug/L
p-Isopropyltoluene	ND	50	ug/L
tert-Butyl alcohol	ND	1000	ug/L
4-Methyl-2-pentanone	ND	250	ug/L
Naphthalene	ND	50	ug/L
n-Propylbenzene	ND	50	ug/L
Styrene	ND	50	ug/L
Benzene	ND	50	ug/L
Bromoform	ND	50	ug/L
Bromomethane	ND	50	ug/L
Carbon tetrachloride	ND	50	ug/L
Chlorobenzene	**11 J**	**50**	**ug/L**
Chloroethane	ND	50	ug/L
Chloroform	ND	50	ug/L
Chloromethane	ND	50	ug/L
1,1-Dichloroethane	ND	50	ug/L
1,2-Dichloroethane	ND	50	ug/L
1,1-Dichloroethene	**18 J**	**50**	**ug/L**
1,2-Dichloropropane	ND	50	ug/L
cis-1,3-Dichloropropene	ND	50	ug/L
trans-1,3-Dichloropropene	ND	50	ug/L
Ethylbenzene	ND	50	ug/L
Methylene chloride	ND	50	ug/L
1,1,2,2-Tetrachloroethane	ND	50	ug/L
Tetrachloroethene	ND	50	ug/L
Toluene	ND	50	ug/L
1,1,1-Trichloroethane	ND	50	ug/L
Trichloroethene	**1600**	**50**	**ug/L**
Vinyl chloride	**200**	**50**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(73 - 122)
1,2-Dichloroethane-d4	80	(61 - 128)
Toluene-d8	83	(76 - 110)
4-Bromofluorobenzene	96	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: RW-01S-113007

GC/MS Volatiles

Lot-Sample #...: A7L010216-001 **Work Order #...:** KC97L1CE **Matrix.....:** WG
Date Sampled...: 11/30/07 11:00 **Date Received..:** 12/01/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339112
Dilution Factor: 50 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,3-Trichlorobenzene	ND	50	ug/L
1,2,4-Trichloro-benzene	ND	50	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	250	ug/L
Bromobenzene	ND	50	ug/L
Bromochloromethane	ND	50	ug/L
2-Chloroethyl vinyl ether	ND	250	ug/L
2-Butanone	ND	250	ug/L
Xylenes (total)	ND	100	ug/L
1,2,3-Trichloropropane	ND	50	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	50	ug/L
cis-1,2-Dichloroethene	**450**	**50**	**ug/L**
trans-1,2-Dichloroethene	ND	50	ug/L
o-Xylene	ND	50	ug/L
m-Xylene & p-Xylene	ND	100	ug/L
Isopropylbenzene	ND	50	ug/L
1,2-Dibromo-3-chloro-propane	ND	100	ug/L
Dichlorodifluoromethane	ND	50	ug/L
Trichlorofluoromethane	ND	50	ug/L
Acetone	ND	250	ug/L
Bromodichloromethane	ND	50	ug/L
n-Butylbenzene	ND	50	ug/L
sec-Butylbenzene	ND	50	ug/L
tert-Butylbenzene	ND	50	ug/L
Carbon disulfide	ND	50	ug/L
Dibromochloromethane	ND	50	ug/L
2-Chlorotoluene	ND	50	ug/L
4-Chlorotoluene	ND	50	ug/L
1,2-Dibromoethane	ND	50	ug/L
Dibromomethane	ND	50	ug/L
1,2-Dichlorobenzene	ND	50	ug/L
1,3-Dichlorobenzene	ND	50	ug/L
1,4-Dichlorobenzene	ND	50	ug/L
1,3-Dichloropropane	ND	50	ug/L
2,2-Dichloropropane	ND	50	ug/L
1,1-Dichloropropene	ND	50	ug/L

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: RW-01S-113007

GC/MS Volatiles

Lot-Sample #...: A7L010216-001 **Work Order #...:** KC97L1CE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Hexachlorobutadiene	ND	50	ug/L
2-Hexanone	ND	250	ug/L
p-Isopropyltoluene	ND	50	ug/L
tert-Butyl alcohol	ND	1000	ug/L
4-Methyl-2-pentanone	ND	250	ug/L
Naphthalene	ND	50	ug/L
n-Propylbenzene	ND	50	ug/L
Styrene	ND	50	ug/L
1,1,1,2-Tetrachloroethane	ND	50	ug/L
1,2,4-Trimethylbenzene	ND	50	ug/L
Vinyl acetate	ND	100	ug/L
1,2,3-Trimethylbenzene	ND	250	ug/L
Diisopropyl Ether (DIPE)	ND	250	ug/L
Tert-amyl methyl ether (TAME)	ND	250	ug/L
Methyl tert-butyl ether	ND	250	ug/L
Benzene	ND	50	ug/L
Bromoform	ND	50	ug/L
Bromomethane	ND	50	ug/L
Carbon tetrachloride	ND	50	ug/L
Chlorobenzene	**19 J**	**50**	**ug/L**
Chloroethane	ND	50	ug/L
Chloroform	ND	50	ug/L
Chloromethane	ND	50	ug/L
1,1-Dichloroethane	ND	50	ug/L
1,2-Dichloroethane	ND	50	ug/L
1,1-Dichloroethene	ND	50	ug/L
1,2-Dichloropropane	ND	50	ug/L
cis-1,3-Dichloropropene	ND	50	ug/L
trans-1,3-Dichloropropene	ND	50	ug/L
Ethylbenzene	ND	50	ug/L
Methylene chloride	ND	50	ug/L
1,1,2,2-Tetrachloroethane	ND	50	ug/L
Tetrachloroethene	ND	50	ug/L
Toluene	ND	50	ug/L
1,1,1-Trichloroethane	ND	50	ug/L
Trichloroethene	**1600**	**50**	**ug/L**
Vinyl chloride	**770**	**50**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
1,2-Dichloroethane-d4	80	(61 - 128)
Toluene-d8	85	(76 - 110)
4-Bromofluorobenzene	96	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: TB-112707

GC/MS Volatiles

Lot-Sample #...: A7K280188-002 **Work Order #...:** KC0XE1AA **Matrix.....:** WQ
Date Sampled...: 11/27/07 **Date Received..:** 11/28/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339112
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
2-Butanone	**5.8**	**5.0**	**ug/L**
Xylenes (total)	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetone	**27**	**5.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
tert-Butyl alcohol	ND	20	ug/L

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: TB-112707

GC/MS Volatiles

Lot-Sample #...: A7K280188-002 **Work Order #...:** KC0XE1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Methyl-2-pentanone	ND	5.0	ug/L
Naphthalene	**0.37 J,B**	**1.0**	**ug/L**
n-Propylbenzene	ND	1.0	ug/L
Styrene	**0.20 J**	**1.0**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichlorobenzene	**0.28 J,B**	**1.0**	**ug/L**
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
1,2,3-Trimethylbenzene	ND	5.0	ug/L
Diisopropyl Ether (DIPE)	ND	5.0	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	5.0	ug/L
Tert-amyl methyl ether (TAME)	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Benzene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	**0.31 J**	**1.0**	**ug/L**
1,1,1-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(73 - 122)
1,2-Dichloroethane-d4	79	(61 - 128)
Toluene-d8	83	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)

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Tetra Tech NUS, Inc

Client Sample ID: TB-112707

GC/MS Volatiles

Lot-Sample #...: A7K280188-002 Work Order #...: KC0XE1AA Matrix.....: WQ

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: TB-112807

GC/MS Volatiles

Lot-Sample #...: A7K300135-002 **Work Order #...:** KC6W11AA **Matrix.....:** WQ
Date Sampled...: 11/28/07 **Date Received..:** 11/30/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339112
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
2-Butanone	**6.1**	**5.0**	**ug/L**
Xylenes (total)	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetone	**30**	**5.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
tert-Butyl alcohol	ND	20	ug/L

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: TB-112807

GC/MS Volatiles

Lot-Sample #...: A7K300135-002 **Work Order #...:** KC6W11AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Methyl-2-pentanone	ND	5.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	**0.17 J**	**1.0**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
1,2,3-Trimethylbenzene	ND	5.0	ug/L
Diisopropyl Ether (DIPE)	ND	5.0	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	5.0	ug/L
Tert-amyl methyl ether (TAME)	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Benzene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	**0.27 J**	**1.0**	**ug/L**
1,1,1-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
1,2-Dichloroethane-d4	79	(61 - 128)
Toluene-d8	82	(76 - 110)
4-Bromofluorobenzene	99	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: TB-113007

GC/MS Volatiles

Lot-Sample #...: A7L010216-002 **Work Order #...:** KC97M1AA **Matrix.....:** WQ
Date Sampled...: 11/30/07 **Date Received..:** 12/01/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339112
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
2-Butanone	**6.3**	**5.0**	**ug/L**
Xylenes (total)	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Acetone	**28**	**5.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
tert-Butyl alcohol	ND	20	ug/L

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: TB-113007

GC/MS Volatiles

Lot-Sample #...: A7L010216-002 **Work Order #...:** KC97M1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
4-Methyl-2-pentanone	ND	5.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	**0.16 J**	**1.0**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
1,2,3-Trimethylbenzene	ND	5.0	ug/L
Diisopropyl Ether (DIPE)	ND	5.0	ug/L
Ethyl-t-Butyl Ether (ETBE)	ND	5.0	ug/L
Tert-amyl methyl ether (TAME)	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Benzene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	**0.22 J**	**1.0**	**ug/L**
1,1,1-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
1,2-Dichloroethane-d4	79	(61 - 128)
Toluene-d8	83	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: RW-01S-112707

GC/MS Semivolatiles

Lot-Sample #...:	A7K280188-001	**Work Order #...:**	KC0W21CE	**Matrix.....:**	WG
Date Sampled...:	11/27/07 14:10	**Date Received..:**	11/28/07		
Prep Date.....:	11/28/07	**Analysis Date..:**	12/02/07		
Prep Batch #...:	7332281				
Dilution Factor:	5	**Initial Wgt/Vol:**	1050 mL	**Final Wgt/Vol..:**	2 mL
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dioxane	**96**	**50**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59 DIL	(27 - 111)
2-Fluorobiphenyl	58 DIL	(28 - 110)
Terphenyl-d14	76 DIL	(37 - 119)
Phenol-d5	23 DIL	(10 - 110)
2-Fluorophenol	35 DIL	(10 - 110)
2,4,6-Tribromophenol	74 DIL	(22 - 120)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Tetra Tech NUS, Inc

Client Sample ID: RW-01S-112807

GC/MS Semivolatiles

Lot-Sample #...:	A7K300135-001	**Work Order #...:**	KC6WJ1CG	**Matrix.....:**	WG
Date Sampled...:	11/28/07 23:00	**Date Received..:**	11/30/07		
Prep Date.....:	12/02/07	**Analysis Date..:**	12/05/07		
Prep Batch #...:	7335042				
Dilution Factor:	6.66	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	2 mL
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dioxane	**250**	**67**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72 DIL	(27 - 111)
2-Fluorobiphenyl	69 DIL	(28 - 110)
Terphenyl-d14	87 DIL	(37 - 119)
Phenol-d5	65 DIL	(10 - 110)
2-Fluorophenol	61 DIL	(10 - 110)
2,4,6-Tribromophenol	66 DIL	(22 - 120)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Tetra Tech NUS, Inc

Client Sample ID: RW-01S-113007

GC/MS Semivolatiles

Lot-Sample #...:	A7L010216-001	**Work Order #...:**	KC97L1CF	**Matrix.....:**	WG
Date Sampled...:	11/30/07 11:00	**Date Received..:**	12/01/07		
Prep Date.....:	12/04/07	**Analysis Date..:**	12/11/07		
Prep Batch #...:	7338055				
Dilution Factor:	10	**Initial Wgt/Vol:**	1050 mL	**Final Wgt/Vol..:**	2 mL
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dioxane	**230**	**100**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	51 DIL	(27 - 111)
2-Fluorobiphenyl	53 DIL	(28 - 110)
Terphenyl-d14	63 DIL	(37 - 119)
Phenol-d5	41 DIL	(10 - 110)
2-Fluorophenol	38 DIL	(10 - 110)
2,4,6-Tribromophenol	77 DIL	(22 - 120)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

APPENDIX C
SUPPORT DOCUMENTATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

MSA PUMP TEST 01
SDG #: 7K28188

Michael Martin

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TESTAMERICA LABORATORIES, INC.

Patrick J. O'Meara
Project Manager

December 20, 2007

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CASE NARRATIVE

7K28188

The following report contains the analytical results for three water samples and three quality control samples submitted to TestAmerica North Canton by Tetra Tech NUS Inc. from the MSA-PUMP TEST 01 Site. The samples were received December 01, 2007, November 28, 2007 and November 30, 2007, according to documented sample acceptance procedures.

This SDG consists of (3) laboratory ID's: A7K280188, A7K300135, and A7L010216.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Dev Murali, John Poremba, and Michael Martin on December 17, 2007. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Patrick J. O'Meara, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 0.6, 2.2, and 3.0°C.

CASE NARRATIVE (continued)

SAMPLE RECEIVING (continued)

See TestAmerica's Cooler Receipt Form for additional information.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

2-Chloroethyl vinyl ether cannot be reliably recovered in an acid preserved sample.

GC/MS SEMIVOLATILES

The analytical results met the requirements of the laboratory's QA/QC program.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The matrix spike/sample duplicate(s) for sample(s) RW-01S-112707 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GENERAL CHEMISTRY

The sample duplicate data for batch(es) 7333064 is not included in this report for pH. The batch QC samples, which document the effect of a specific sample matrix on method performance, were not associated with a sample reported in this lot. The data, therefore, has no bearing on the samples reported herein. In order to document compliance with the QC requirement for a sample duplicate per 10 environmental samples, a summary of sample/QC associations has been provided following this case narrative.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica North Canton (formerly STL North Canton) conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton (formerly STL North Canton) requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

ANALYTICAL METHODS SUMMARY

7K28188

PARAMETER	ANALYTICAL METHOD
pH Aqueous	SW846 9040B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

7K28188 : A7K280188

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KC0W2	001	RW-01S-112707	11/27/07	14:10
KC0XE	002	TB-112707	11/27/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

7K28188 : A7K300135

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KC6WJ	001	RW-01S-112807	11/28/07	23:00
KC6W1	002	TB-112807	11/28/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

7K28188 : A7L010216

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KC97L	001	RW-01S-113007	11/30/07	11:00
KC97M	002	TB-113007	11/30/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Tetra Tech	Project Manager: Mike Martin	Date: 11/27/07	Chain of Custody Number: 322429
Address: 20251 Century Blvd, #200	Telephone Number (Area Code)/Fax Number: 301-528-3022	Lab Number:	Page 1 of 1
City: Germantown / State: MD / Zip Code: 20874	Site Contact: Fred Kolberg	Lab Contact:	Analysis (Attach list if more space is needed)
Project Name and Location (State): MSA - Pump TEST #1	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOCs	Total Metals	Dissolved Metals	1,4-Dioxane	pH
RW-#1S-112707	11/27/07	1410		X						X			3				
				X					X					1			
				X					X						1		
				X			X									1	
				X			X										1
TB-112707		0000		X						X			2				

Special Instructions/ Conditions of Receipt:

MSA PUMP TEST #1 @ RW-#1S

GW Sampling @ Start

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Silvino da Luz Jr.	11/27/07	1700	1. Received By:	11/27/07	1700
2. Relinquished By:	Date	Time	2. Received By:	11/28/07	9:55
3. Relinquished By:	Date	Time	3. Received By:	Date	Time

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica North Canton

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Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

24

STL-4124 (0901)

Client: Tetra Tech	Project Manager: Mike Martin	Date: 11/28/07	Chain of Custody Number: 322963
Address: 20251 Century Blvd, #200	Telephone Number (Area Code)/Fax Number: 301-528-3022	Lab Number:	Page 1 of 1
City: Germantown / State: MD / Zip Code: 20874	Site Contact: Fred Kolberg	Lab Contact:	
Project Name and Location (State): MSA - Pump Test #1	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: VOCs	TOTAL Metals	Dissolved Metals	1,4-Dioxane	pH	Special Instructions/ Conditions of Receipt
RW-01S-112807	11/28/07	2300		X						X			3					Martin State Airport Pump Test 1 @ RW-01S
				X					X					1				
				X					X						1			
				X			X									1		
				X			X										1	
TB-112807		0000		X						X			2					(36 hrs GW Sampling)

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Silvana Della Lunga	11/29/07	1600	1. Received By:	11/29/07	1600
2. Relinquished By:	11/29/07	1630	2. Received By:	11/30/07	9:50
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica North Canton

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

27

STL-4124 (0901)

Client: Tetra Tech	Project Manager: Mike Martin	Date: 11/30/07	Chain of Custody Number: 322964
Address: 20251 Century Blvd, #200	Telephone Number (Area Code)/Fax-Number: 301-528-3022	Lab Number:	Page 1 of 1
City: Germantown / State: MD / Zip Code: 20874	Site Contact: Fred Kolberg	Lab Contact:	
Project Name and Location (State): MSA Pump Test #1	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): VOCs	Total Metals	Dissolved Metals	1,4-Dioxane	pH
RW-01S-113007	11/30/07	1100		X						X							
				X					X								
				X					X								
				X			X										
				X			X										
TB-113007		0000		X						X							

Special Instructions/ Conditions of Receipt:

Martin State Airport Pump Test 1 @ RW-01S

(72 hrs groundwater sampling)

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Silvana Chalupka	Date: 11/30/07	Time:	1. Received By: TAL/NC	Date: 1 DEC 07	Time: 1030
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** A7L010216
North Canton Facility 77083

Client TETRA TECH Project MSA pump TEST Quote # 74901 TB
Cooler Received on 1 DEC 2007 Opened on 1 DEC 2007 By [signature] (Signature)
FedEx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ TestAmerica Courier ☐
Stetson ☐ US Cargo ☐ Other

TestAmerica Cooler # Foam Box ☐ Client Cooler ☒ Other

1. Were custody seals on the outside of the cooler? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity TWO
   Were custody seals on the outside of cooler signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottles? Yes ☐ No ☒
   If YES, are there any exceptions
2. Shipper's packing slip attached to this form? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other PLASTIC/AR LOOSE ICE
6. Cooler temperature upon receipt 2.2 °C (see back of form for multiple coolers/temps)

METHOD: IR ☒ Other ☐
COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM Date by via Voice Mail ☐ Verbal ☐ Other ☐
Concerning

14. CHAIN OF CUSTODY

The following discrepancies occurred:
SAMPLES NOT INDICATED FOR ANALYSIS ON COC. — will log for tests listed on COC but not X'ed.

15. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container.

16. SAMPLE PRESERVATION

Sample(s) were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #071707-HNO3 - Sulfuric Acid Lot # 092006-H2SO4; Sodium Hydroxide Lot # 122805 -NaOH; Hydrochloric Acid Lot # 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot # 050205-CH3COO2ZN/NaOH*
What time was preserved added to sample(s)?
Sample(s) were received with bubble > 6 mm in diameter (Notify PM)

Client ID	pH	Date	Initials
MW-015	<2 <2	1 DEC 2007	AMS

SW846 8260B SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7K28188

Lot #: A7K280188

Extraction: XXI25QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	RW-01S-112707	92	79	84	95	00
02	TB-112707	91	79	83	98	00
03	INTRA-LAB QC	95	80	82	98	00
04	METHOD BLK. KDF231AA	92	80	83	95	00
05	LCS KDF231AC	93	82	88	105	00
06	LAB MS/MSD D	91	78	88	101	00
07	LCSD KDF231AD	94	77	88	105	00
08	LAB MS/MSD S	90	81	88	102	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(73-122)
SRG02	= 1,2-Dichloroethane-d4	(61-128)
SRG03	= Toluene-d8	(76-110)
SRG04	= 4-Bromofluorobenzene	(74-116)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7K28188

Lot #: A7K300135

Extraction: XXI25QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	INTRA-LAB QC	95	80	82	98	00
02	RW-01S-112807	92	80	83	96	00
03	TB-112807	94	79	82	99	00
04	METHOD BLK. KDF231AA	92	80	83	95	00
05	LCS KDF231AC	93	82	88	105	00
06	LAB MS/MSD D	91	78	88	101	00
07	LCSD KDF231AD	94	77	88	105	00
08	LAB MS/MSD S	90	81	88	102	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(73-122)
SRG02	= 1,2-Dichloroethane-d4	(61-128)
SRG03	= Toluene-d8	(76-110)
SRG04	= 4-Bromofluorobenzene	(74-116)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28188 **Work Order #...:** KDF231AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L050000-112 KDF231AD-LCSD
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339112
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	10	**8.9**	**ug/L**	**89**	**0.060**	**SW846 8260B**
Chlorobenzene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.3**	**ug/L**	**93**	**1.6**	**SW846 8260B**
1,1-Dichloroethene	**10**	**8.8**	**ug/L**	**88**		**SW846 8260B**
	10	**8.8**	**ug/L**	**88**	**0.45**	**SW846 8260B**
Toluene	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	10	**8.9**	**ug/L**	**89**	**0.30**	**SW846 8260B**
Trichloroethene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**9.9**	**ug/L**	**99**	**3.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
	94	(73 - 122)
1,2-Dichloroethane-d4	82	(61 - 128)
	77	(61 - 128)
Toluene-d8	88	(76 - 110)
	88	(76 - 110)
4-Bromofluorobenzene	105	(74 - 116)
	105	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID (Standard): UXX8815 Date Analyzed: 12/04/07

Instrument ID: A3UX10 Time Analyzed: 0913

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 (DCB) AREA #	RT	IS3 AREA #	RT
	12 HOUR STD	1293987	8.07	953152	10.33	1592288	5.37
	UPPER LIMIT	2587974	8.57	1906304	10.83	3184576	5.87
	LOWER LIMIT	646994	7.57	476576	9.83	796144	4.87
	EPA SAMPLE NO.						
01	KDF23-CHK	1357493	8.07	987903	10.33	1636828	5.37
02	KDF23-CKDUP	1369939	8.07	975724	10.33	1649427	5.37
03	KDF23-BLK	1326511	8.07	889327	10.33	1617028	5.37
04	RW-01S-11270	1288448	8.07	859248	10.33	1586507	5.38
05	RW-01S-11280	1313489	8.07	861782	10.33	1630822	5.37
06	RW-01S-11300	1257807	8.07	852843	10.33	1555465	5.37
07	TB-112707	1286526	8.07	895575	10.33	1586368	5.37
08	TB-112807	1244046	8.07	867325	10.33	1554141	5.37
09	TB-113007	1273806	8.07	873699	10.33	1572820	5.37
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (CBZ) = Chlorobenzene-d5
IS2 (DCB) = 1,4-Dichlorobenzene-d4
IS3 = Fluorobenzene

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID: BFB2379 BFB Injection Date: 08/24/07

Instrument ID: A3UX10 BFB Injection Time: 1743

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.5
75	30.0 - 60.0% of mass 95	46.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.1 (0.2)1
174	50.0 - 100.0% of mass 95	88.1
175	5.0 - 9.0% of mass 174	6.6 (7.5)1
176	Greater than 95.0%, but less than 101.0% of mass 174	86.5 (98.2)1
177	5.0 - 9.0% of mass 176	5.7 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD040	200NG-A9IC	UXX6423	08/24/07	2129
02	VSTD020	100NG-A9IC	UXX6424	08/24/07	2151
03	VSTD010	50NG-A9IC	UXX6425	08/24/07	2243
04	VSTD005	25NG-A9IC	UXX6426	08/24/07	2305
05	VSTD002	10NG-A9IC	UXX6427	08/24/07	2327
06	VSTD001	5NG-A9IC	UXX6428	08/24/07	2350
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Report Date : 27-Nov-2007 12:39

STL Inc North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 24-AUG-2007 18:07
End Cal Date : 27-NOV-2007 11:13
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71127A-IC.b\8260LLUX10.m
Last Edit : 27-Nov-2007 12:38 a3ux10.i
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7040.D
Level 2: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7039.D
Level 3: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7038.D
Level 4: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7037.D
Level 5: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7036.D
Level 6: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7035.D

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD
8	Dichlorodifluoromethane	0.24575	0.25361	0.24484	0.23749	0.25036	0.23518	0.24454	2.920
9	Chloromethane	0.37286	0.38694	0.35386	0.33997	0.33904	0.33510	0.35463	5.936
10	Vinyl Chloride	0.36815	0.36686	0.35228	0.34885	0.35450	0.34423	0.35581	2.728
11	Bromomethane	0.21275	0.20933	0.19805	0.18307	0.18768	0.20274	0.19894	5.917
12	Chloroethane	0.24962	0.23180	0.22887	0.22476	0.23495	0.23985	0.23497	3.758
13	Trichlorofluoromethane	0.26672	0.27704	0.27006	0.25182	0.28889	0.31323	0.27796	7.608
14	Dichlorofluoromethane	0.39658	0.46399	0.43907	0.40412	0.41293	0.40937	0.42101	6.062
15	Acrolein	0.05002	0.05052	0.05169	0.05089	0.05322	0.05532	0.05194	3.846
16	Acetone	0.14630	0.12409	0.09856	0.08931	0.08583	0.08155	0.10427	24.533
17	1,1-Dichloroethene	0.30020	0.33175	0.30945	0.32570	0.32642	0.32911	0.32044	3.940
18	Freon-113	0.22403	0.24198	0.24114	0.24214	0.24232	0.25256	0.24070	3.832
19	Iodomethane	0.48779	0.51887	0.51552	0.51770	0.52171	0.53568	0.51621	3.034
20	Carbon Disulfide	0.90564	0.96787	0.94704	0.99945	1.01469	1.03997	0.97911	4.990
21	Methylene Chloride	0.47561	0.43909	0.36782	0.36744	0.35533	0.34918	0.39241	13.278
22	Acetonitrile	0.03856	0.03635	0.03447	0.03279	0.03323	0.03290	0.03472	6.663
23	Acrylonitrile	0.10617	0.11240	0.11253	0.10609	0.10921	0.11254	0.10982	2.849
24	Methyl tert-butyl ether	0.84113	0.89184	0.88392	0.88260	0.91891	0.92033	0.88979	3.272
25	trans-1,2-Dichloroethene	0.33566	0.35489	0.34834	0.34640	0.36088	0.35654	0.35045	2.568
26	Hexane	0.05501	0.05481	0.05747	0.06217	0.06211	0.06547	0.05951	7.360
27	Vinyl acetate	0.28256	0.29379	0.32386	0.33232	0.34288	0.36939	0.32413	9.869
28	1,1-Dichloroethane	0.49571	0.52154	0.51197	0.52001	0.52548	0.52785	0.51709	2.285
29	tert-Butyl Alcohol	0.02408	0.02519	0.02480	0.02471	0.02459	0.02252	0.02431	3.906
30	2-Butanone	0.14458	0.12404	0.10997	0.09746	0.09895	0.09794	0.11216	16.870
M 31	1,2-Dichloroethene (total)	0.32348	0.33871	0.33469	0.33209	0.34401	0.34030	0.33555	2.160
32	cis-1,2-dichloroethene	0.31130	0.32254	0.32105	0.31778	0.32715	0.32405	0.32064	1.727
33	2,2-Dichloropropane	0.26460	0.27563	0.28748	0.30785	0.31524	0.31152	0.29372	7.132
34	Bromochloromethane	0.14755	0.15881	0.15290	0.15747	0.16156	0.16004	0.15639	3.352
35	Chloroform	0.46626	0.50469	0.50526	0.49818	0.50818	0.50344	0.49767	3.161

Report Date : 27-Nov-2007 12:39

STL Inc North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 24-AUG-2007 18:07
End Cal Date : 27-NOV-2007 11:13
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71127A-IC.b\8260LLUX10.m
Last Edit : 27-Nov-2007 12:38 a3ux10.i
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
	36 Tetrahydrofuran	0.19117	0.12836	0.09466	0.08168	0.07699	0.07243	0.10755	42.464	
	37 1,1,1-Trichloroethane	0.37266	0.40698	0.39404	0.40261	0.40871	0.41157	0.39943	3.622	
	38 1,1-Dichloropropene	0.34346	0.34951	0.35467	0.35891	0.37347	0.37608	0.35935	3.630	
	39 Carbon Tetrachloride	0.27405	0.29934	0.29797	0.32709	0.33660	0.34257	0.31294	8.526	
	40 1,2-Dichloroethane	0.33268	0.35391	0.35574	0.35144	0.35177	0.35970	0.35087	2.682	
	41 Benzene	1.07102	1.14201	1.07927	1.10853	1.12012	1.14653	1.11125	2.822	
	42 Trichloroethene	0.27804	0.31918	0.29699	0.29557	0.30500	0.30747	0.30037	4.610	
	43 1,2-Dichloropropane	0.23112	0.25761	0.24834	0.25137	0.25629	0.26206	0.25113	4.349	
	44 1,4-Dioxane	0.00269	0.00310	0.00323	0.00312	0.00316	0.00259	0.00298	9.131	<-
	45 Dibromomethane	0.15545	0.15640	0.15621	0.15772	0.16191	0.16047	0.15803	1.643	
	46 Bromodichloromethane	0.29165	0.30392	0.31570	0.32740	0.34070	0.35256	0.32199	7.082	
	47 2-Chloroethyl vinyl ether	0.11430	0.12084	0.12795	0.12765	0.13766	0.14650	0.12915	8.942	
	48 cis-1,3-Dichloropropene	0.28022	0.31747	0.34993	0.36137	0.38862	0.41380	0.35190	13.686	
	49 4-Methyl-2-pentanone	0.18281	0.19849	0.20989	0.20385	0.22357	0.23043	0.20817	8.296	
	50 Toluene	1.21065	1.28377	1.28361	1.33559	1.38378	1.49554	1.33216	7.418	
	51 trans-1,3-Dichloropropene	0.29225	0.32990	0.34614	0.36793	0.40126	0.44306	0.36342	14.706	
	52 Ethyl Methacrylate	0.26450	0.29178	0.31070	0.33508	0.36298	0.38825	0.32555	14.084	
	53 1,1,2-Trichloroethane	0.26684	0.28523	0.26634	0.27524	0.27391	0.28697	0.27575	3.192	
	54 1,3-Dichloropropane	0.43891	0.47620	0.48118	0.47792	0.49091	0.52615	0.48188	5.823	
	55 Tetrachloroethene	0.29294	0.30081	0.29246	0.29370	0.30302	0.31858	0.30025	3.334	
	56 2-Hexanone	0.14948	0.17091	0.17779	0.17388	0.18787	0.19195	0.17531	8.572	
	57 Dibromochloromethane	0.24775	0.26798	0.27419	0.29450	0.31272	0.33503	0.28869	11.035	
	58 1,2-Dibromoethane	0.25176	0.27736	0.27614	0.27809	0.28414	0.29845	0.27766	5.456	
	59 Chlorobenzene	1.00653	1.03142	0.99495	1.00041	1.00343	1.04691	1.01394	2.022	
	60 1,1,1,2-Tetrachloroethane	0.28376	0.29378	0.30613	0.32342	0.33004	0.35010	0.31454	7.831	
	61 Ethylbenzene	0.47758	0.49980	0.51890	0.52856	0.54273	0.57512	0.52378	6.475	
	62 m + p-Xylene	0.59434	0.66943	0.66330	0.68055	0.69837	0.74918	0.67586	7.471	
M	63 Xylenes (total)	0.58234	0.65248	0.65109	0.67455	0.68812	0.73303	0.66360	7.512	
	64 Xylene-o	0.55832	0.61857	0.62667	0.66256	0.66762	0.70073	0.63908	7.749	
	65 Styrene	0.94058	1.05116	1.07919	1.12751	1.14703	1.22402	1.09491	8.801	
	66 Bromoform	0.14711	0.16930	0.16784	0.17995	0.19371	0.20884	0.17779	12.153	
	67 Isopropylbenzene	1.31606	1.41301	1.46267	1.50297	1.53341	1.60982	1.47299	6.897	
	68 1,1,2,2-Tetrachloroethane	0.67222	0.69573	0.68179	0.68436	0.68279	0.69396	0.68514	1.263	
	69 1,4-Dichloro-2-butene	0.05759	0.07550	0.09135	0.09862	0.11978	0.13799	0.09681	30.113	
	70 1,2,3-Trichloropropane	0.20952	0.20595	0.20614	0.21443	0.21654	0.21578	0.21139	2.275	
	71 Bromobenzene	0.80668	0.82012	0.83149	0.82906	0.84069	0.86804	0.83268	2.498	

Report Date : 27-Nov-2007 12:39

STL Inc North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 24-AUG-2007 18:07
End Cal Date : 27-NOV-2007 11:13
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71127A-IC.b\8260LLUX10.m
Last Edit : 27-Nov-2007 12:38 a3ux10.i
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
72	n-Propylbenzene	0.78403	0.85693	0.91696	0.91701	0.93676	0.97416	0.89764	7.506	
73	2-Chlorotoluene	0.74983	0.76797	0.77166	0.77454	0.78499	0.80714	0.77602	2.459	
74	1,3,5-Trimethylbenzene	2.06968	2.32499	2.47880	2.50066	2.55647	2.68627	2.43614	8.798	
75	4-Chlorotoluene	0.72850	0.81136	0.81171	0.80020	0.80721	0.83074	0.79829	4.467	
76	tert-Butylbenzene	2.10970	2.12194	2.13852	2.19360	2.27201	2.33214	2.19465	4.103	
77	1,2,4-Trimethylbenzene	2.16479	2.47313	2.52899	2.56139	2.62859	2.72421	2.51352	7.620	
78	sec-Butylbenzene	2.59297	3.03741	3.03542	3.08944	3.19200	3.28035	3.03793	7.833	
79	4-Isopropyltoluene	2.23409	2.49003	2.57922	2.68547	2.74154	2.83796	2.59472	8.270	
80	1,3-Dichlorobenzene	1.49303	1.56896	1.52030	1.51748	1.54280	1.57631	1.53648	2.097	
81	1,4-Dichlorobenzene	1.63215	1.59297	1.57622	1.55462	1.57790	1.62633	1.59337	1.909	
82	n-Butylbenzene	1.81524	2.03269	2.12107	2.24462	2.30987	2.37725	2.15012	9.595	
83	1,2-Dichlorobenzene	1.48681	1.49379	1.47670	1.44020	1.46624	1.48517	1.47482	1.317	
84	1,2-Dibromo-3-chloropropane	0.10342	0.11195	0.11786	0.11909	0.12398	0.12355	0.11664	6.705	
85	1,2,4-Trichlorobenzene	0.91052	0.92921	0.90665	0.90221	0.88838	0.84867	0.89761	3.050	
86	Hexachlorobutadiene	0.40033	0.39991	0.35984	0.35979	0.35277	0.33495	0.36793	7.214	
87	Naphthalene	1.73786	1.95219	2.02555	2.06586	2.02171	1.79200	1.93253	7.035	
88	1,2,3-Trichlorobenzene	0.86295	0.87050	0.84590	0.80491	0.75242	0.67207	0.80146	9.613	
89	Ethyl Ether	0.19934	0.21448	0.21027	0.19876	0.20808	0.20503	0.20599	3.009	
90	Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
91	3-Chloropropene	0.14183	0.15727	0.15525	0.14717	0.15190	0.14848	0.15032	3.768	
92	Isopropyl Ether	0.21867	0.23523	0.23348	0.22721	0.23331	0.22917	0.22951	2.657	
93	2-Chloro-1,3-butadiene	0.33114	0.35533	0.36114	0.33994	0.34957	0.33912	0.34604	3.254	
94	Propionitrile	0.02384	0.02401	0.02605	0.02456	0.02789	0.02731	0.02561	6.780	
95	Ethyl Acetate	0.17352	0.15095	0.15184	0.15041	0.15613	0.16057	0.15724	5.636	
96	Methacrylonitrile	0.15756	0.11423	0.12688	0.11046	0.11926	0.12023	0.12477	13.634	
97	Isobutanol	0.00886	0.00780	0.00662	0.00647	0.00758	0.00719	0.00742	11.807	<-
98	Cyclohexane	0.48663	0.52935	0.53046	0.56144	0.56941	0.57498	0.54205	6.161	
99	n-Butanol	0.00735	0.00641	0.00614	0.00544	0.00622	0.00571	0.00621	10.656	<-
100	Methyl Methacrylate	0.18089	0.14946	0.14397	0.14146	0.14784	0.14564	0.15154	9.668	
101	2-Nitropropane	0.04626	0.04303	0.04025	0.03988	0.04207	0.04272	0.04237	5.430	
102	Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
103	Cyclohexanone	0.01698	0.01444	0.01395	0.01245	0.01401	0.01349	0.01422	10.652	
104	Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105	Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
134	Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
135	Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Report Date : 27-Nov-2007 12:39

STL Inc North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 24-AUG-2007 18:07
End Cal Date : 27-NOV-2007 11:13
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71127A-IC.b\8260LLUX10.m
Last Edit : 27-Nov-2007 12:38 a3ux10.i
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	140 1-Chlorohexane	0.37395	0.35068	0.34673	0.36307	0.39816	0.39419	0.37113	5.841	
	141 1,3,5-Trichlorobenzene	1.05114	1.09289	1.04918	1.04579	1.03480	1.03259	1.05107	2.079	
	143 Methyl Acetate	0.23100	0.22055	0.21679	0.20598	0.21256	0.21848	0.21756	3.847	
	144 Methylcyclohexane	0.48180	0.49450	0.52848	0.56132	0.56646	0.56612	0.53311	7.089	
	145 Dimethoxymethane	0.22576	0.20895	0.21122	0.20176	0.20151	0.20889	0.20968	4.220	
	146 2-Methylnaphthalene	1.09935	1.11825	1.11010	1.12578	1.17773	1.12435	1.12593	2.417	
	147 Tetrahydrothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	148 1,4-Dichlorobutane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	149 Vinyl Acetate-86	0.02887	0.03413	0.03782	0.03614	0.03791	0.04081	0.03595	11.426	
	150 1,3-Butadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	151 Ethyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	152 n-Heptane	0.27692	0.25385	0.26154	0.26213	0.29744	0.28396	0.27264	6.024	
	153 t-Butyl ethyl ether	0.72418	0.70330	0.72316	0.72510	0.79110	0.82383	0.74844	6.356	
	154 t-Amyl methyl ether	0.56638	0.57491	0.57732	0.58836	0.64432	0.66701	0.60305	6.960	
	155 1,2,3-Trimethylbenzene	2.42489	2.55415	2.64856	2.70152	2.95105	3.01801	2.71636	8.430	
$	4 Dibromofluoromethane	0.25779	0.25823	0.25685	0.25860	0.26210	0.26486	0.25974	1.186	
$	5 1,2-Dichloroethane-d4	0.29690	0.28437	0.27044	0.29783	0.28848	0.28889	0.28782	3.468	
$	6 Toluene-d8	0.98102	1.04226	1.07111	1.08634	1.13950	1.22175	1.09033	7.600	
$	7 Bromofluorobenzene	0.41283	0.42554	0.43143	0.43485	0.43382	0.44797	0.43108	2.688	

5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID: BFB2473 BFB Injection Date: 12/04/07

Instrument ID: A3UX10 BFB Injection Time: 0849

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	47.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.4 (0.4)1
174	50.0 - 100.0% of mass 95	98.9
175	5.0 - 9.0% of mass 174	7.4 (7.5)1
176	Greater than 95.0%, but less than 101.0% of mass 174	98.0 (99.2)1
177	5.0 - 9.0% of mass 176	6.8 (6.9)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	50NG-CC	UXX8815	12/04/07	0913
02	VSTD010	50NG-CC	UXX8816	12/04/07	0939
03	KDF23-CHK	KDF231AC	UXX8818	12/04/07	1023
04	KDF23-CKDUP	KDF231AD	UXX8819	12/04/07	1046
05	KDF23-BLK	KDF231AA	UXX8820	12/04/07	1108
06	RW-01S-11270	KC0W21CD	UXX8823	12/04/07	1215
07	RW-01S-11280	KC6WJ1CF	UXX8827	12/04/07	1344
08	RW-01S-11300	KC97L1CE	UXX8828	12/04/07	1406
09	TB-112707	KC0XE1AA	UXX8833	12/04/07	1556
10	TB-112807	KC6W11AA	UXX8834	12/04/07	1618
11	TB-113007	KC97M1AA	UXX8835	12/04/07	1640
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\UXX8815.D
Report Date: 04-Dec-2007 10:12

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 04-DEC-2007 09:13
Lab File ID: UXX8815.D Init. Cal. Date(s): 24-AUG-2007 27-NOV-2007
Analysis Type: WATER Init. Cal. Times: 18:07 11:13
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 4 Dibromofluoromethane	0.25974	0.24322	0.24322	0.010	6.36040	50.00000	Averaged	
$ 5 1,2-Dichloroethane-d4	0.28782	0.22410	0.22410	0.010	22.13903	50.00000	Averaged	
$ 6 Toluene-d8	1.09033	0.96456	0.96456	0.010	11.53526	50.00000	Averaged	
$ 7 Bromofluorobenzene	0.43108	0.45171	0.45171	0.010	-4.78599	50.00000	Averaged	
8 Dichlorodifluoromethane	0.24454	0.25580	0.25580	0.010	-4.60652	50.00000	Averaged	
9 Chloromethane	0.35463	0.28665	0.28665	0.100	19.16769	50.00000	Averaged	
10 Vinyl Chloride	0.35581	0.32325	0.32325	0.010	9.15143	20.00000	Averaged	
11 Bromomethane	0.19894	0.20823	0.20823	0.010	-4.66894	50.00000	Averaged	
12 Chloroethane	0.23497	0.20913	0.20913	0.010	10.99833	50.00000	Averaged	
13 Trichlorofluoromethane	0.27796	0.37767	0.37767	0.010	-35.87185	50.00000	Averaged	
15 Acrolein	0.05194	0.03073	0.03073	0.010	40.84121	50.00000	Averaged	
16 Acetone	100	65.27681	0.06031	0.010	34.72319	0.000e+000	Wt Linear	
17 1,1-Dichloroethene	0.32044	0.29079	0.29079	0.010	9.25238	20.00000	Averaged	
18 Freon-113	0.24070	0.25628	0.25628	0.010	-6.47405	50.00000	Averaged	
19 Iodomethane	0.51621	0.52332	0.52332	0.010	-1.37595	50.00000	Averaged	
20 Carbon Disulfide	0.97911	0.86436	0.86436	0.010	11.72016	50.00000	Averaged	
21 Methylene Chloride	0.39241	0.29885	0.29885	0.010	23.84258	50.00000	Averaged	
22 Acetonitrile	0.03472	0.02279	0.02279	0.010	34.36821	50.00000	Averaged	
23 Acrylonitrile	0.10982	0.07688	0.07688	0.010	29.99847	50.00000	Averaged	
24 Methyl tert-butyl ether	0.88979	0.71986	0.71986	0.010	19.09799	50.00000	Averaged	
25 trans-1,2-Dichloroethene	0.35045	0.31518	0.31518	0.010	10.06526	50.00000	Averaged	
26 Hexane	0.05951	0.06058	0.06058	0.010	-1.80630	20.00000	Averaged	
27 Vinyl acetate	0.32413	0.20828	0.20828	0.010	35.74188	50.00000	Averaged	
28 1,1-Dichloroethane	0.51709	0.43417	0.43417	0.100	16.03627	50.00000	Averaged	
29 tert-Butyl Alcohol	0.02431	0.01652	0.01652	0.010	32.05506	50.00000	Averaged	
30 2-Butanone	100	68.05245	0.07061	0.010	31.94755	0.000e+000	Wt Linear	
M 31 1,2-Dichloroethene (total)	0.33555	0.31249	0.31249	0.010	6.87305	50.00000	Averaged	
32 cis-1,2-dichloroethene	0.32064	0.30979	0.30979	0.010	3.38407	50.00000	Averaged	
33 2,2-Dichloropropane	0.29372	0.29353	0.29353	0.010	0.06423	50.00000	Averaged	
34 Bromochloromethane	0.15639	0.16527	0.16527	0.010	-5.68098	50.00000	Averaged	
35 Chloroform	0.49767	0.46009	0.46009	0.010	7.55066	20.00000	Averaged	
36 Tetrahydrofuran	50.00000	28.78571	0.05229	0.010	42.42858	0.000e+000	Wt Linear	
37 1,1,1-Trichloroethane	0.39943	0.40303	0.40303	0.010	-0.90261	50.00000	Averaged	
38 1,1-Dichloropropene	0.35935	0.32642	0.32642	0.010	9.16347	50.00000	Averaged	
39 Carbon Tetrachloride	0.31294	0.35204	0.35204	0.010	-12.49714	50.00000	Averaged	
40 1,2-Dichloroethane	0.35087	0.29663	0.29663	0.010	15.46094	50.00000	Averaged	
41 Benzene	1.11125	1.00259	1.00259	0.010	9.77796	50.00000	Averaged	
42 Trichloroethene	0.30037	0.30726	0.30726	0.010	-2.29386	50.00000	Averaged	
43 1,2-Dichloropropane	0.25113	0.20455	0.20455	0.010	18.55058	20.00000	Averaged	
44 1,4-Dioxane	0.00298	0.00195	0.00195	0.010	34.61592	50.00000	Averaged	<-
45 Dibromomethane	0.15803	0.14345	0.14345	0.010	9.22068	50.00000	Averaged	
46 Bromodichloromethane	0.32199	0.29314	0.29314	0.010	8.95960	50.00000	Averaged	
47 2-Chloroethyl vinyl ether	0.12915	0.08824	0.08824	0.010	31.67500	50.00000	Averaged	

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\UXX8815.D
Report Date: 04-Dec-2007 10:12

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 04-DEC-2007 09:13
Lab File ID: UXX8815.D Init. Cal. Date(s): 24-AUG-2007 27-NOV-2007
Analysis Type: WATER Init. Cal. Times: 18:07 11:13
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
48 cis-1,3-Dichloropropene	0.35190	0.29357	0.29357	0.010	16.57516	50.00000	Averaged
49 4-Methyl-2-pentanone	0.20817	0.13538	0.13538	0.010	34.96553	50.00000	Averaged
50 Toluene	1.33216	1.24629	1.24629	0.010	6.44593	20.00000	Averaged
51 trans-1,3-Dichloropropene	0.36342	0.30240	0.30240	0.010	16.79022	50.00000	Averaged
52 Ethyl Methacrylate	0.32555	0.24908	0.24908	0.010	23.48926	50.00000	Averaged
53 1,1,2-Trichloroethane	0.27575	0.24456	0.24456	0.010	11.31236	50.00000	Averaged
54 1,3-Dichloropropane	0.48188	0.39169	0.39169	0.010	18.71528	50.00000	Averaged
55 Tetrachloroethene	0.30025	0.30887	0.30887	0.010	-2.86943	50.00000	Averaged
56 2-Hexanone	0.17531	0.10871	0.10871	0.010	37.98912	50.00000	Averaged
57 Dibromochloromethane	0.28869	0.29476	0.29476	0.010	-2.10060	50.00000	Averaged
58 1,2-Dibromoethane	0.27766	0.25773	0.25773	0.010	7.17846	50.00000	Averaged
59 Chlorobenzene	1.01394	0.96315	0.96315	0.300	5.00901	50.00000	Averaged
60 1,1,1,2-Tetrachloroethane	0.31454	0.36393	0.36393	0.010	-15.70349	50.00000	Averaged
61 Ethylbenzene	0.52378	0.50710	0.50710	0.010	3.18519	20.00000	Averaged
62 m + p-Xylene	0.67586	0.65987	0.65987	0.010	2.36523	50.00000	Averaged
M 63 Xylenes (total)	0.66360	0.67338	0.67338	0.010	-1.47407	50.00000	Averaged
64 Xylene-o	0.63908	0.70040	0.70040	0.010	-9.59458	50.00000	Averaged
65 Styrene	1.09491	1.14795	1.14795	0.010	-4.84367	50.00000	Averaged
66 Bromoform	0.17779	0.23263	0.23263	0.100	30.84418	50.00000	Averaged
67 Isopropylbenzene	1.47299	1.69370	1.69370	0.010	-14.98415	50.00000	Averaged
68 1,1,2,2-Tetrachloroethane	0.68514	0.55291	0.55291	0.300	19.30031	50.00000	Averaged
69 1,4-Dichloro-2-butene	50.00000	49.98420	0.10637	0.010	0.03160	0.000e+000	Quadratic
70 1,2,3-Trichloropropane	0.21139	0.17922	0.17922	0.010	15.22165	50.00000	Averaged
71 Bromobenzene	0.83268	0.73023	0.73023	0.010	12.30395	50.00000	Averaged
72 n-Propylbenzene	0.89764	0.79166	0.79166	0.010	11.80642	50.00000	Averaged
73 2-Chlorotoluene	0.77602	0.69367	0.69367	0.010	10.61162	50.00000	Averaged
74 1,3,5-Trimethylbenzene	2.43614	2.24573	2.24573	0.010	7.81633	50.00000	Averaged
75 4-Chlorotoluene	0.79829	0.72797	0.72797	0.010	8.80856	50.00000	Averaged
76 tert-Butylbenzene	2.19465	2.11499	2.11499	0.010	3.62994	50.00000	Averaged
77 1,2,4-Trimethylbenzene	2.51352	2.34916	2.34916	0.010	6.53892	50.00000	Averaged
78 sec-Butylbenzene	3.03793	2.97755	2.97755	0.010	1.98765	50.00000	Averaged
79 4-Isopropyltoluene	2.59472	2.58378	2.58378	0.010	0.42173	50.00000	Averaged
80 1,3-Dichlorobenzene	1.53648	1.46863	1.46863	0.010	4.41576	50.00000	Averaged
81 1,4-Dichlorobenzene	1.59337	1.51115	1.51115	0.010	5.15975	50.00000	Averaged
82 n-Butylbenzene	2.15012	2.12709	2.12709	0.010	1.07125	50.00000	Averaged
83 1,2-Dichlorobenzene	1.47482	1.36480	1.36480	0.010	7.45979	50.00000	Averaged
84 1,2-Dibromo-3-chloropropane	0.11664	0.09791	0.09791	0.010	16.05674	50.00000	Averaged
85 1,2,4-Trichlorobenzene	0.89761	0.88678	0.88678	0.010	1.20621	50.00000	Averaged
86 Hexachlorobutadiene	0.36793	0.45778	0.45778	0.010	-24.42095	50.00000	Averaged
87 Naphthalene	1.93253	1.62783	1.62783	0.010	15.76713	50.00000	Averaged
88 1,2,3-Trichlorobenzene	0.80146	0.78004	0.78004	0.010	2.67245	50.00000	Averaged
98 Cyclohexane	0.54205	0.50831	0.50831	0.010	6.22313	50.00000	Averaged
143 Methyl Acetate	0.21756	0.13318	0.13318	0.010	38.78482	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\UXX8815.D
Report Date: 04-Dec-2007 10:12

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 04-DEC-2007 09:13
Lab File ID: UXX8815.D Init. Cal. Date(s): 24-AUG-2007 27-NOV-2007
Analysis Type: WATER Init. Cal. Times: 18:07 11:13
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
144 Methylcyclohexane	0.53311	0.59411	0.59411	0.010	-11.44228	50.00000	Averaged
141 1,3,5-Trichlorobenzene	1.05107	1.05862	1.05862	0.010	-0.71890	50.00000	Averaged
149 Vinyl Acetate-86	0.03595	0.02962	0.02962	0.010	17.58596	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\UXX8816.D
Report Date: 04-Dec-2007 10:12

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 04-DEC-2007 09:39
Lab File ID: UXX8816.D Init. Cal. Date(s): 24-AUG-2007 27-NOV-2007
Analysis Type: WATER Init. Cal. Times: 18:07 11:13
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
14 Dichlorofluoromethane	0.42101	0.44969	0.44969	0.010	-6.81227	50.00000	Averaged	
89 Ethyl Ether	0.20599	0.17523	0.17523	0.010	14.93605	50.00000	Averaged	
91 3-Chloropropene	0.15032	0.15117	0.15117	0.010	-0.56883	50.00000	Averaged	
92 Isopropyl Ether	0.22951	0.24173	0.24173	0.010	-5.32306	50.00000	Averaged	
93 2-Chloro-1,3-butadiene	0.34604	0.30564	0.30564	0.010	11.67539	50.00000	Averaged	
94 Propionitrile	0.02561	0.02464	0.02464	0.010	3.79204	50.00000	Averaged	
95 Ethyl Acetate	0.15724	0.12037	0.12037	0.010	23.44853	50.00000	Averaged	
96 Methacrylonitrile	0.12477	0.10007	0.10007	0.010	19.79597	50.00000	Averaged	
97 Isobutanol	0.00742	0.00566	0.00566	0.010	23.72044	50.00000	Averaged	<-
99 n-Butanol	0.00621	0.00431	0.00431	0.010	30.68755	50.00000	Averaged	<-
100 Methyl Methacrylate	0.15154	0.10039	0.10039	0.010	33.75247	50.00000	Averaged	
101 2-Nitropropane	0.04237	0.03395	0.03395	0.010	19.87690	50.00000	Averaged	
103 Cyclohexanone	0.01422	0.01552	0.01552	0.010	-9.17534	50.00000	Averaged	
146 2-Methylnaphthalene	1.12593	0.74619	0.74619	0.010	33.72640	50.00000	Averaged	
153 t-Butyl ethyl ether	0.74844	0.78337	0.78337	0.010	-4.66592	50.00000	Averaged	
154 t-Amyl methyl ether	0.60305	0.65345	0.65345	0.010	-8.35708	50.00000	Averaged	
155 1,2,3-Trimethylbenzene	2.71636	2.40779	2.40779	0.010	11.35957	50.00000	Averaged	

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7K28188 **Work Order #...:** KDF231AA **Matrix.....:** WATER
MB Lot-Sample #: A7L050000-112

Prep Date.....: 12/04/07 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/04/07 **Prep Batch #...:** 7339112
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
1,2,3-Trimethylbenzene	ND	5.0	ug/L	SW846 8260B
Diisopropyl Ether (DIPE)	ND	5.0	ug/L	SW846 8260B
Ethyl-t-Butyl Ether (ETBE	ND	5.0	ug/L	SW846 8260B
Tert-amyl methyl ether (T	ND	5.0	ug/L	SW846 8260B
Acetone	ND	5.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
tert-Butyl alcohol	ND	20	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Naphthalene	**0.38 J**	**1.0**	**ug/L**	**SW846 8260B**
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7K28188 **Work Order #...:** KDF231AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	**0.41 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,4-Trichloro-benzene	**0.23 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(73 - 122)
1,2-Dichloroethane-d4	80	(61 - 128)
Toluene-d8	83	(76 - 110)
4-Bromofluorobenzene	95	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28188 **Work Order #...:** KDF231AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L050000-112 KDF231AD-LCSD
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339112
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**89**	**(80 - 116)**			**SW846 8260B**
	89	**(80 - 116)**	**0.060**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**94**	**(76 - 117)**			**SW846 8260B**
	93	**(76 - 117)**	**1.6**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**88**	**(63 - 130)**			**SW846 8260B**
	88	**(63 - 130)**	**0.45**	**(0-20)**	**SW846 8260B**
Toluene	**89**	**(74 - 119)**			**SW846 8260B**
	89	**(74 - 119)**	**0.30**	**(0-20)**	**SW846 8260B**
Trichloroethene	**96**	**(75 - 122)**			**SW846 8260B**
	99	**(75 - 122)**	**3.0**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
	94	(73 - 122)
1,2-Dichloroethane-d4	82	(61 - 128)
	77	(61 - 128)
Toluene-d8	88	(76 - 110)
	88	(76 - 110)
4-Bromofluorobenzene	105	(74 - 116)
	105	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28188 **Work Order #...:** KC45A1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290302-014 KC45A1AU-MSD
Date Sampled...: 11/28/07 10:00 **Date Received..:** 11/29/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339112
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**86**	**(78 - 118)**			**SW846 8260B**
	86	**(78 - 118)**	**0.12**	**(0-20)**	**SW846 8260B**
Chlorobenzene	**82**	**(76 - 117)**			**SW846 8260B**
	85	**(76 - 117)**	**3.6**	**(0-20)**	**SW846 8260B**
1,1-Dichloroethene	**79**	**(62 - 130)**			**SW846 8260B**
	82	**(62 - 130)**	**4.6**	**(0-20)**	**SW846 8260B**
Toluene	**86**	**(70 - 119)**			**SW846 8260B**
	87	**(70 - 119)**	**1.3**	**(0-20)**	**SW846 8260B**
Trichloroethene	**89**	**(62 - 130)**			**SW846 8260B**
	93	**(62 - 130)**	**4.9**	**(0-20)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
	91	(73 - 122)
1,2-Dichloroethane-d4	81	(61 - 128)
	78	(61 - 128)
Toluene-d8	88	(76 - 110)
	88	(76 - 110)
4-Bromofluorobenzene	102	(74 - 116)
	101	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28188 **Work Order #...:** KC45A1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290302-014 KC45A1AU-MSD
Date Sampled...: 11/28/07 10:00 **Date Received..:** 11/29/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339112
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**8.6**	**ug/L**	**86**		**SW846 8260B**
	ND	**10**	**8.6**	**ug/L**	**86**	**0.12**	**SW846 8260B**
Chlorobenzene	**ND**	**10**	**8.2**	**ug/L**	**82**		**SW846 8260B**
	ND	**10**	**8.5**	**ug/L**	**85**	**3.6**	**SW846 8260B**
1,1-Dichloroethene	**ND**	**10**	**7.9**	**ug/L**	**79**		**SW846 8260B**
	ND	**10**	**8.2**	**ug/L**	**82**	**4.6**	**SW846 8260B**
Toluene	**ND**	**10**	**8.6**	**ug/L**	**86**		**SW846 8260B**
	ND	**10**	**8.7**	**ug/L**	**87**	**1.3**	**SW846 8260B**
Trichloroethene	**ND**	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	ND	**10**	**9.3**	**ug/L**	**93**	**4.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
	91	(73 - 122)
1,2-Dichloroethane-d4	81	(61 - 128)
	78	(61 - 128)
Toluene-d8	88	(76 - 110)
	88	(76 - 110)
4-Bromofluorobenzene	102	(74 - 116)
	101	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KC08E1AA **Matrix.....:** WATER
MB Lot-Sample #: A7K280000-281

Prep Date.....: 11/28/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 11/30/07 **Prep Batch #...:** 7332281
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
2-Fluorobiphenyl	52	(28 - 110)
Terphenyl-d14	73	(37 - 119)
Phenol-d5	30	(10 - 110)
2-Fluorophenol	43	(10 - 110)
2,4,6-Tribromophenol	45	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KDC7G1AA **Matrix.....:** WATER
MB Lot-Sample #: A7L040000-055

Prep Date.....: 12/04/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/07/07 **Prep Batch #...:** 7338055
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(27 - 111)
2-Fluorobiphenyl	59	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	61	(10 - 110)
2-Fluorophenol	63	(10 - 110)
2,4,6-Tribromophenol	60	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KC88X1AA **Matrix.....:** WATER
MB Lot-Sample #: A7L010000-042

Prep Date.....: 12/02/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/05/07 **Prep Batch #...:** 7335042
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	73	(27 - 111)
2-Fluorobiphenyl	67	(28 - 110)
Terphenyl-d14	87	(37 - 119)
Phenol-d5	64	(10 - 110)
2-Fluorophenol	62	(10 - 110)
2,4,6-Tribromophenol	61	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SW846 8270C SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7K28188

Lot #: A7K280188

Extraction: XXI54QL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	RW-01S-112707	59 D	58 D	76 D	23 D	35 D	74 D	00
02	METHOD BLK. KC08E1AA	54	52	73	30	43	45	00
03	LCS KC08E1AC	54	53	54	28	41	53	00
04	LCSD KC08E1AD	59	58	79	29	43	64	00

SURROGATES		QC LIMITS
SRG01	= Nitrobenzene-d5	(27-111)
SRG02	= 2-Fluorobiphenyl	(28-110)
SRG03	= Terphenyl-d14	(37-119)
SRG04	= Phenol-d5	(10-110)
SRG05	= 2-Fluorophenol	(10-110)
SRG06	= 2,4,6-Tribromophenol	(22-120)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8270C SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7K28188

Lot #: A7K300135

Extraction: XXI51QL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	INTRA-LAB QC	72	67	88	65	64	60	00
02	RW-01S-112807	72 D	69 D	87 D	65 D	61 D	66 D	00
03	METHOD BLK. KC88X1AA	73	67	87	64	62	61	00
04	LCS KC88X1AC	79	75	91	72	73	70	00
05	LAB MS/MSD D	73	67	82	67	66	64	00
06	LAB MS/MSD S	76	72	86	69	67	68	00

SURROGATES		QC LIMITS
SRG01	= Nitrobenzene-d5	(27-111)
SRG02	= 2-Fluorobiphenyl	(28-110)
SRG03	= Terphenyl-d14	(37-119)
SRG04	= Phenol-d5	(10-110)
SRG05	= 2-Fluorophenol	(10-110)
SRG06	= 2,4,6-Tribromophenol	(22-120)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8270C SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7K28188

Lot #: A7L010216

Extraction: XXI51QL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	RW-01S-113007	51 D	53 D	63 D	41 D	38 D	77 D	00
02	INTRA-LAB QC	70	55	68	58	52	52	00
03	METHOD BLK. KDC7G1AA	76	59	78	61	63	60	00
04	LCS KDC7G1AC	74	61	68	59	61	63	00
05	LAB MS/MSD D	75	60	59	57	55	46	00
06	LAB MS/MSD S	82	62	63	61	58	49	00

SURROGATES		QC LIMITS
SRG01	= Nitrobenzene-d5	(27-111)
SRG02	= 2-Fluorobiphenyl	(28-110)
SRG03	= Terphenyl-d14	(37-119)
SRG04	= Phenol-d5	(10-110)
SRG05	= 2-Fluorophenol	(10-110)
SRG06	= 2,4,6-Tribromophenol	(22-120)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID: 2DF1130 DFTPP Injection Date: 11/30/07

Instrument ID: A4AG2 DFTPP Injection Time: 0715

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.2
68	Less than 2.0% of mass 69	0.0 (0.1)1
69	Mass 69 relative abundance	43.4
70	Less than 2.0% of mass 69	0.1 (0.3)1
127	40.0 - 60.0% of mass 198	49.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	28.7
365	Greater than 1.0% of mass 198	3.5
441	Present, but less than mass 443	12.2
442	Greater than 40.0% of mass 198	86.4
443	17.0 - 23.0% of mass 442	16.2 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD009	L9	2SHHH1130	11/30/07	0726
02	SSTD008	L8	2SHH1130	11/30/07	0747
03	SSTD007	L7	2SH1130	11/30/07	0804
04	SSTD006	L6	2SMH1130	11/30/07	0821
05	SSTD005	L5	2SMM1130	11/30/07	0838
06	SSTD004	L4	2SM1130	11/30/07	0856
07	SSTD003	L3	2SML1130	11/30/07	0913
08	SSTD002	L2	2SL1130	11/30/07	0930
09	SSTD001	L1	2SLL1130	11/30/07	0947
10	KC08EBLK	KC08E1AA	KC08E1AA	11/30/07	1256
11	KC08ECHK	KC08E1AC	KC08E1AC	11/30/07	1313
12	KC08ECKDUP	KC08E1AD	KC08E1AD	11/30/07	1330
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

OKM 12/3/07

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 30-NOV-2007 07:26
End Cal Date : 30-NOV-2007 12:22
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4ag2.i\71130A.b\8270p.m
Last Edit : 30-Nov-2007 12:51 hulat
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSS\a4ag2.i\71130A.b\2SLL1130.D
Level 2: \\cansvr11\dd\chem\MSS\a4ag2.i\71130A.b\2AL1130.D
Level 3: \\cansvr11\dd\chem\MSS\a4ag2.i\71130A.b\2AML1130.D
Level 4: \\cansvr11\dd\chem\MSS\a4ag2.i\71130A.b\2AM1130.D
Level 5: \\cansvr11\dd\chem\MSS\a4ag2.i\71130A.b\2AMM1130.D
Level 6: \\cansvr11\dd\chem\MSS\a4ag2.i\71130A.b\2AMH1130.D
Level 7: \\cansvr11\dd\chem\MSS\a4ag2.i\71130A.b\2AH1130.D
Level 8: \\cansvr11\dd\chem\MSS\a4ag2.i\71130A.b\2AHH1130.D
Level 9: \\cansvr11\dd\chem\MSS\a4ag2.i\71130A.b\2AHHH1130.D

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
198 1,4-Dioxane	+++++	0.36570	0.42934	0.38452	0.39133	0.47159			
	0.41000	0.48370	0.56186				0.43726	14.891	<-
7 N-Nitrosomorpholine	+++++	0.81602	0.83709	0.81267	0.84689	0.87962			
	0.91009	0.93850	0.95708				0.87474	6.352	<-
8 Ethyl methanesulfonate	+++++	0.47105	0.45888	0.47514	0.45842	0.48036			
	0.49216	0.51103	0.52902				0.48451	5.155	<-
9 Pyridine	+++++	1.07685	1.04799	1.27874	1.27131	1.36558			
	1.33654	1.50455	1.68382				1.32067	15.830	<-
10 N-Nitrosodimethylamine	+++++	0.74150	0.73149	0.78750	0.77641	0.75368			
	0.79027	0.88886	0.90567				0.79692	8.222	<-
11 Ethyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
12 3-Chloropropionitrile	+++++	0.77179	0.76956	0.77843	0.80191	0.82798			
	0.76554	0.86951	0.88287				0.80845	5.781	<-
13 Malononitrile	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID: 2DF1202 DFTPP Injection Date: 12/02/07

Instrument ID: A4AG2 DFTPP Injection Time: 1053

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	40.5
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	42.1
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	27.9
365	Greater than 1.0% of mass 198	3.5
441	Present, but less than mass 443	13.0
442	Greater than 40.0% of mass 198	91.5
443	17.0 - 23.0% of mass 442	17.1 (18.7)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD006	L6	2SMH1202	12/02/07	1104
02	RW-01S-11270	KC0W21CE	KC0W21CE	12/02/07	2107
03					
04					
05					
06					
07					
08					
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11					
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17					
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19					
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22					

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i Injection Date: 02-DEC-2007 11:04
Lab File ID: 2SMH1202.D Init. Cal. Date(s): 30-NOV-2007 30-NOV-2007
Analysis Type: Init. Cal. Times: 07:26 12:22
Lab Sample ID: L6 Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSS\a4ag2.i\71202A.b\8270p.m

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
198 1,4-Dioxane	0.43726	0.48784	0.48784	0.010	-11.56803	50.00000	Averaged
9 Pyridine	5.00000	5.21853	1.36866	0.010	-4.37067	0.000e+000	Quadratic
10 N-Nitrosodimethylamine	0.79692	0.80912	0.80912	0.010	-1.53022	50.00000	Averaged
12 3-Chloropropionitrile	0.80845	0.80689	0.80689	0.010	0.19255	50.00000	Averaged
209 Benzaldehyde	0.94211	0.91597	0.91597	0.010	2.77538	50.00000	Averaged
21 Aniline	5.00000	5.41882	2.28447	0.010	-8.37648	0.000e+000	Quadratic
22 Phenol	1.91735	1.90080	1.90080	0.010	0.86312	20.00000	Averaged
23 bis(2-Chloroethyl)ether	1.57450	1.50268	1.50268	0.010	4.56176	50.00000	Averaged
24 2-Chlorophenol	1.60689	1.55410	1.55410	0.010	3.28546	50.00000	Averaged
26 1,3-Dichlorobenzene	1.47525	1.49385	1.49385	0.010	-1.26070	50.00000	Averaged
27 1,4-Dichlorobenzene	0.93350	0.89713	0.89713	0.010	3.89653	20.00000	Averaged
28 1,2-Dichlorobenzene	1.48780	1.47084	1.47084	0.010	1.14033	50.00000	Averaged
29 Benzyl Alcohol	1.02687	1.02678	1.02678	0.010	0.00864	50.00000	Averaged
30 2-Methylphenol	1.46038	1.40026	1.40026	0.010	4.11640	50.00000	Averaged
31 bis(2-Chloroisopropyl)ether	2.12928	2.04908	2.04908	0.010	3.76627	50.00000	Averaged
37 Acetophenone	1.97499	1.90064	1.90064	0.010	3.76432	50.00000	Averaged
32 N-Nitroso-di-n-propylamine	1.14586	1.11262	1.11262	0.050	2.90089	50.00000	Averaged
192 4-Methylphenol	1.52006	1.50577	1.50577	0.010	0.94027	50.00000	Averaged
34 Hexachloroethane	0.54567	0.54239	0.54239	0.010	0.60184	50.00000	Averaged
35 Nitrobenzene	0.37343	0.37583	0.37583	0.010	-0.64298	50.00000	Averaged
41 Isophorone	0.62762	0.61746	0.61746	0.010	1.61826	50.00000	Averaged
42 2-Nitrophenol	5.00000	4.97148	0.20274	0.010	0.57033	0.000e+000	Quadratic
43 2,4-Dimethylphenol	0.39016	0.37944	0.37944	0.010	2.74805	50.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.38418	0.37677	0.37677	0.010	1.92724	50.00000	Averaged
46 2,4-Toluenediamene	5.00000	4.74383	0.19653	0.010	5.12332	0.000e+000	Quadratic
47 1,3,5-Trichlorobenzene	0.27854	0.26855	0.26855	0.010	3.58805	50.00000	Averaged
48 2,4-Dichlorophenol	0.28207	0.28286	0.28286	0.010	-0.27841	20.00000	Averaged
49 Benzoic Acid	10.00000	9.80829	0.22010	0.010	1.91713	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.28046	0.27657	0.27657	0.010	1.38750	50.00000	Averaged
51 Naphthalene	1.00028	1.03369	1.03369	0.010	-3.34012	50.00000	Averaged
52 4-Chloroaniline	0.46194	0.53350	0.53350	0.010	-15.49330	50.00000	Averaged
56 Hexachlorobutadiene	0.15952	0.15573	0.15573	0.010	2.37255	20.00000	Averaged
210 Caprolactam	5.00000	4.93485	0.10636	0.010	1.30293	0.000e+000	Quadratic
57 1,2,3-Trichlorobenzene	0.25695	0.25471	0.25471	0.010	0.87068	50.00000	Averaged
59 4-Chloro-3-Methylphenol	0.32511	0.31466	0.31466	0.010	3.21315	20.00000	Averaged
62 2-Methylnaphthalene	0.59947	0.59114	0.59114	0.010	1.38964	50.00000	Averaged
63 1-Methylnaphthalene	0.65616	0.64360	0.64360	0.010	1.91421	50.00000	Averaged
64 Hexachlorocyclopentadiene	5.00000	5.18870	0.39971	0.050	-3.77408	0.000e+000	Quadratic
66 2,4,6-Trichlorophenol	5.00000	4.97455	0.39964	0.010	0.50907	0.000e+000	Quadratic
67 2,4,5-Trichlorophenol	5.00000	4.97950	0.42956	0.010	0.41005	0.000e+000	Quadratic
211 1,1'-Biphenyl	1.59129	1.65923	1.65923	0.010	-4.26973	50.00000	Averaged
68 1,2,3,5-Tetrachlorobenzene	0.56907	0.57397	0.57397	0.010	-0.85982	50.00000	Averaged

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID: 1DF1203 DFTPP Injection Date: 12/03/07

Instrument ID: A4HP10 DFTPP Injection Time: 1032

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0% of mass 198	40.7	
68	Less than 2.0% of mass 69	0.6	(1.0)1
69	Mass 69 relative abundance	56.6	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	40.0 - 60.0% of mass 198	59.6	
197	Less than 1.0% of mass 198	0.5	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0% of mass 198	7.0	
275	10.0 - 30.0% of mass 198	23.8	
365	Greater than 1.0% of mass 198	2.6	
441	Present, but less than mass 443	8.8	
442	Greater than 40.0% of mass 198	58.4	
443	17.0 - 23.0% of mass 442	10.8	(18.5)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD005	L5	1SMM1203	12/03/07	1055
02	SSTD004	L4	1SM1203	12/03/07	1114
03	SSTD003	L3	1SML1203	12/03/07	1133
04	SSTD002	L2	1SL1203	12/03/07	1152
05	SSTD001	L1	1SLL1203	12/03/07	1211
06	SSTD009	L9	1HHH1203	12/03/07	1230
07	SSTD008	L8	1SHH1203	12/03/07	1249
08	SSTD007	L7	1SH1203	12/03/07	1308
09	SSTD006	L6	1SMH1203	12/03/07	1327
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 03-DEC-2007 10:55
End Cal Date : 03-DEC-2007 16:45
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4hp10.i\71203A.b\8270p.m
Last Edit : 04-Dec-2007 09:20 gruberj
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSS\a4hp10.i\71203A.b\1SLL1203.D
Level 2: \\cansvr11\dd\chem\MSS\a4hp10.i\71203A.b\1AL1203.D
Level 3: \\cansvr11\dd\chem\MSS\a4hp10.i\71203A.b\1AML1203.D
Level 4: \\cansvr11\dd\chem\MSS\a4hp10.i\71203A.b\1AM1203.D
Level 5: \\cansvr11\dd\chem\MSS\a4hp10.i\71203A.b\1AMM1203.D
Level 6: \\cansvr11\dd\chem\MSS\a4hp10.i\71203A.b\1AMH1203.D
Level 7: \\cansvr11\dd\chem\MSS\a4hp10.i\71203A.b\1AH1203.D
Level 8: \\cansvr11\dd\chem\MSS\a4hp10.i\71203A.b\1AHH1203.D
Level 9: \\cansvr11\dd\chem\MSS\a4hp10.i\71203A.b\1AHHH123.D

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
198 1,4-Dioxane	+++++	0.77328	0.70634	0.76107	0.78422	0.73944			
	0.74865	0.79691	0.83677				0.76834	5.135	<-
7 N-Nitrosomorpholine	+++++	1.01384	0.87438	0.94530	0.93404	0.99871			
	1.03122	1.17264	1.14050				1.01383	10.025	<-
8 Ethyl methanesulfonate	+++++	0.84729	0.67050	0.72579	0.72591	0.74624			
	0.73670	0.81233	0.81734				0.76026	7.817	<-
9 Pyridine	+++++	1.90218	1.85527	1.98024	2.25086	2.03809			
	2.15911	2.44835	2.38464				2.12734	10.358	<-
10 N-Nitrosodimethylamine	+++++	1.15058	1.19976	1.22733	1.47983	1.26733			
	1.28704	1.46733	1.48832				1.32094	10.364	<-
11 Ethyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
12 3-Chloropropionitrile	+++++	0.85400	0.88821	0.90322	1.05822	0.97275			
	0.95850	1.08359	1.04770				0.97078	8.833	<-
13 Malononitrile	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID: 7DF1211 DFTPP Injection Date: 12/11/07

Instrument ID: A4HP7 DFTPP Injection Time: 1519

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	46.0
68	Less than 2.0% of mass 69	0.5 (1.2)1
69	Mass 69 relative abundance	42.0
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	40.0 - 60.0% of mass 198	49.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	16.2
365	Greater than 1.0% of mass 198	1.3
441	Present, but less than mass 443	9.5
442	40.0 - 100.0% of mass 198	60.6
443	17.0 - 23.0% of mass 442	11.7 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD005	L5	7SMM1211	12/11/07	1535
02	SSTD004	L4	7SM1211	12/11/07	1555
03	SSTD003	L3	7SML1211	12/11/07	1615
04	SSTD002	L2	7SL1211	12/11/07	1635
05	SSTD001	L1	7SLL1211	12/11/07	1655
06	SSTD009	L9	7HHH1211	12/11/07	1715
07	SSTD008	L8	7SHH1211	12/11/07	1735
08	SSTD007	L7	7SH1211	12/11/07	1755
09	SSTD006	L6	7SMH1211	12/11/07	1815
10	RW-01S-11300	KC97L1CF	KC97L1CF	12/11/07	1955
11					
12					
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14					
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16					
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TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-DEC-2007 15:35
End Cal Date : 11-DEC-2007 18:15
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4hp7.i\71211a.b\8270P.m
Last Edit : 11-Dec-2007 18:47 a4hp7.i
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSS\a4hp7.i\71211a.b\7SLL1211.D
Level 2: \\cansvr11\dd\chem\MSS\a4hp7.i\71211a.b\7SL1211.D
Level 3: \\cansvr11\dd\chem\MSS\a4hp7.i\71211a.b\7SML1211.D
Level 4: \\cansvr11\dd\chem\MSS\a4hp7.i\71211a.b\7SM1211.D
Level 5: \\cansvr11\dd\chem\MSS\a4hp7.i\71211a.b\7SMM1211.D
Level 6: \\cansvr11\dd\chem\MSS\a4hp7.i\71211a.b\7SMH1211.D
Level 7: \\cansvr11\dd\chem\MSS\a4hp7.i\71211a.b\7SH1211.D
Level 8: \\cansvr11\dd\chem\MSS\a4hp7.i\71211a.b\7SHH1211.D
Level 9: \\cansvr11\dd\chem\MSS\a4hp7.i\71211a.b\7HHH1211.D

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
198 1,4-Dioxane	+++++	0.74749	0.71112	0.74622	0.72853	0.70270			
	0.72425	0.84632	0.82368				0.75379	7.000	<-
7 N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
8 Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
9 Pyridine	+++++	1.57872	1.69572	1.81856	1.87307	1.51351			
	1.90215	2.25961	2.23253				1.85923	14.776	<-
10 N-Nitrosodimethylamine	+++++	1.08685	1.09291	1.18964	1.15790	1.09510			
	1.18769	1.36109	1.32658				1.18722	8.890	<-
11 Ethyl methacrylate	+++++	1.39718	1.42305	1.50982	1.53627	1.46473			
	1.54148	1.79068	1.75834				1.55269	9.424	<-
12 3-Chloropropionitrile	+++++	0.99014	1.06471	1.09281	1.09299	1.03537			
	1.05300	1.19969	1.16948				1.08727	6.341	<-
13 Malononitrile	+++++	2.11923	2.14453	2.25001	2.37158	2.18436			
	2.18948	2.54880	2.39269				2.27508	6.553	<-

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID: 8DF1128 DFTPP Injection Date: 11/28/07

Instrument ID: A4HP8 DFTPP Injection Time: 1044

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	52.7
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	83.6
70	Less than 2.0% of mass 69	0.4 (0.5)1
127	40.0 - 60.0% of mass 198	57.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	7.2
275	10.0 - 30.0% of mass 198	23.9
365	Greater than 1.0% of mass 198	4.1
441	Present, but less than mass 443	6.6
442	Greater than 40.0% of mass 198	42.6
443	17.0 - 23.0% of mass 442	8.1 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD005	L5	8SMM1128	11/28/07	1119
02	SSTD004	L4	8SM1128	11/28/07	1138
03	SSTD003	L3	8SML1128	11/28/07	1157
04	SSTD002	L2	8SL1128	11/28/07	1216
05	SSTD001	L1	8SLL1128	11/28/07	1235
06	SSTD009	L9	8HHH1128	11/28/07	1254
07	SSTD008	L8	8SHH1128	11/28/07	1313
08	SSTD007	L7	8SH1128	11/28/07	1332
09	SSTD006	L6	8SMH1128	11/28/07	1352
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TestAmerica North Canton

INITIAL CALIBRATION DATA

ok mv 11/29/07

Start Cal Date : 28-NOV-2007 11:19
End Cal Date : 28-NOV-2007 13:52
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4hp8.i\71128a.b\8270P.m
Last Edit : 28-Nov-2007 13:15 gruberj
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSS\a4hp8.i\71128a.b\8SLL1128.D
Level 2: \\cansvr11\dd\chem\MSS\a4hp8.i\71128a.b\8SL1128.D
Level 3: \\cansvr11\dd\chem\MSS\a4hp8.i\71128a.b\8SML1128.D
Level 4: \\cansvr11\dd\chem\MSS\a4hp8.i\71128a.b\8SM1128.D
Level 5: \\cansvr11\dd\chem\MSS\a4hp8.i\71128a.b\8SMM1128.D
Level 6: \\cansvr11\dd\chem\MSS\a4hp8.i\71128a.b\8SMH1128.D
Level 7: \\cansvr11\dd\chem\MSS\a4hp8.i\71128a.b\8SH1128.D
Level 8: \\cansvr11\dd\chem\MSS\a4hp8.i\71128a.b\8SHH1128.D
Level 9: \\cansvr11\dd\chem\MSS\a4hp8.i\71128a.b\8HHH1128.D

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
198 1,4-Dioxane	+++++	0.90066	0.94969	0.95415	1.05843	0.89198			
	0.96074	1.01479	1.04886				0.97241	6.462	<-
7 N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
8 Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
9 Pyridine	+++++	2.09764	2.10120	2.12621	2.47979	2.34272			
	2.36683	2.59626	2.70376				2.35180	9.889	<-
10 N-Nitrosodimethylamine	+++++	1.40707	1.37717	1.44760	1.60584	1.48207			
	1.48464	1.58594	1.67637				1.50834	6.916	<-
11 Ethyl methacrylate	+++++	2.11069	2.14262	2.16484	2.39374	2.15305			
	2.25900	2.41177	2.50891				2.26808	6.643	<-
12 3-Chloropropionitrile	+++++	0.71879	0.67322	0.72490	0.73725	0.71845			
	0.70094	0.72383	0.78058				0.72225	4.226	<-
13 Malononitrile	+++++	2.11732	2.33547	2.28085	2.44553	2.36110			
	2.19716	2.35987	2.45028				2.31845	4.996	<-

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID: 8DF1205 DFTPP Injection Date: 12/05/07

Instrument ID: A4HP8 DFTPP Injection Time: 1414

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	47.8
68	Less than 2.0% of mass 69	0.2 (0.2)1
69	Mass 69 relative abundance	79.7
70	Less than 2.0% of mass 69	0.4 (0.5)1
127	40.0 - 60.0% of mass 198	56.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	23.6
365	Greater than 1.0% of mass 198	4.3
441	Present, but less than mass 443	7.9
442	Greater than 40.0% of mass 198	45.9
443	17.0 - 23.0% of mass 442	9.5 (20.8)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD006	L6	8SMH1205	12/05/07	1432
02	KC88XBLK	KC88X1AA	KC88X1AA	12/05/07	1606
03	KC88XCHK	KC88X1AC	KC88X1AC	12/05/07	1624
04	RW-01S-11280	KC6WJ1CG	KC6WJ1CG	12/05/07	2023
05					
06					
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08					
09					
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TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4hp8.i Injection Date: 05-DEC-2007 14:32
Lab File ID: 8SMH1205.D Init. Cal. Date(s): 28-NOV-2007 28-NOV-2007
Analysis Type: Init. Cal. Times: 11:19 13:52
Lab Sample ID: L6 Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSS\a4hp8.i\71205a.b\8270p.m

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
142 Benzo(k)fluoranthene	1.33757	1.43476	1.43476	0.010	-7.26669	50.00000	Averaged
146 Benzo(a)pyrene	1.14837	1.20937	1.20937	0.010	-5.31191	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.32007	1.38020	1.38020	0.010	-4.55478	50.00000	Averaged
150 Dibenz(a,h)anthracene	1.13741	1.20519	1.20519	0.010	-5.95935	50.00000	Averaged
151 Benzo(g,h,i)perylene	1.10322	1.12819	1.12819	0.010	-2.26400	50.00000	Averaged
198 1,4-Dioxane	0.97241	0.82393	0.82393	0.010	15.26993	50.00000	Averaged
$ 154 Nitrobenzene-d5	0.65581	0.67127	0.67127	0.010	-2.35697	50.00000	Averaged
$ 155 2-Fluorobiphenyl	1.40480	1.44606	1.44606	0.010	-2.93700	50.00000	Averaged
$ 156 Terphenyl-d14	0.93041	1.00429	1.00429	0.010	-7.94064	50.00000	Averaged
$ 157 Phenol-d5	2.39011	2.45909	2.45909	0.010	-2.88640	50.00000	Averaged
$ 158 2-Fluorophenol	1.51064	1.47031	1.47031	0.010	2.67014	50.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.17351	0.17036	0.17036	0.010	1.81311	50.00000	Averaged
$ 186 2-Chlorophenol-d4	1.43749	1.44074	1.44074	0.010	-0.22617	50.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.87886	0.91278	0.91278	0.010	-3.85916	50.00000	Averaged
M 195 Cresols, total	3.55621	3.60190	3.60190	0.010	-1.28474	50.00000	Averaged
101 Diphenylamine	0.58300	0.59602	0.59602	0.010	-2.23416	50.00000	Averaged

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID (Standard): 2SMH1202 Date Analyzed: 12/02/07

Instrument ID: A4AG2 Time Analyzed: 1104

		IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
	12 HOUR STD	435041	3.71	1917585	4.61	959455	5.88
	UPPER LIMIT	870082	4.21	3835170	5.11	1918910	6.38
	LOWER LIMIT	217521	3.21	958793	4.11	479728	5.38
	EPA SAMPLE NO.						
01	RW-01S-11270	345702	3.71	1566634	4.61	867382	5.88
02							
03							
04							
05							
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IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID (Standard): 7SMH1211 Date Analyzed: 12/11/07

Instrument ID: A4HP7 Time Analyzed: 1815

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	399282	3.59	1762610	4.48	856886	5.75
	UPPER LIMIT	798564	4.09	3525220	4.98	1713772	6.25
	LOWER LIMIT	199641	3.09	881305	3.98	428443	5.25
	EPA SAMPLE NO.						
01	RW-01S-11300	462034	3.58	1928086	4.48	955221	5.75
02							
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20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7K28188

Lab File ID (Standard): 8SMH1205 Date Analyzed: 12/05/07

Instrument ID: A4HP8 Time Analyzed: 1432

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	136642	3.38	590108	4.27	321875	5.54
	UPPER LIMIT	273284	3.88	1180216	4.77	643750	6.04
	LOWER LIMIT	68321	2.88	295054	3.77	160938	5.04
	EPA SAMPLE NO.						
01	KC88XBLK	166215	3.38	694424	4.27	395151	5.54
02	KC88XCHK	151012	3.38	662338	4.27	362058	5.54
03	RW-01S-11280	164476	3.38	697517	4.27	391784	5.54
04							
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20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

SW846 8270C METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KC08E1AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALCAN SDG Number:7K28188

Lab File ID: KC08E1AA. Lot Number: A7K280188

Date Analyzed: 11/30/07 Time Analyzed: 12:56

Matrix: WATER Date Extracted:11/28/07

GC Column: DB-5.625 ID: .18 Extraction Method: 3510C

Instrument ID: AG2 Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	RW-01S-112707	KC0W21CE	KC0W21CE.	12/02/07	21:07
02	CHECK SAMPLE	KC08E1AC C	KC08E1AC.	11/30/07	13:13
03	DUPLICATE CHECK	KC08E1AD L	KC08E1AD.	11/30/07	13:30
04					
05					
06					
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COMMENTS:

FORM IV

SW846 8270C METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KDC7G1AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALCAN SDG Number: 7K28188

Lab File ID: KDC7G1AA. Lot Number: A7L010216

Date Analyzed: 12/07/07 Time Analyzed: 13:01

Matrix: WATER Date Extracted: 12/04/07

GC Column: DB-5MS ID: .18 Extraction Method: 3520C

Instrument ID: HP10 Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	RW-01S-113007	KC97L1CF	KC97L1CF.	12/11/07	19:55
02	INTRA-LAB QC	KDCFE1AA	KDCFE1AA.	12/07/07	18:49
03	LAB MS/MSD	KDCFE1AL S	KDCFE1AL.	12/07/07	19:07
04	LAB MS/MSD	KDCFE1AM D	KDCFE1AM.	12/07/07	19:25
05	CHECK SAMPLE	KDC7G1AC C	KDC7G1AC.	12/07/07	13:19
06					
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COMMENTS:

FORM IV

SW846 8270C METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KC88X1AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALCAN — SDG Number: 7K28188

Lab File ID: KC88X1AA. — Lot Number: A7K300135

Date Analyzed: 12/05/07 — Time Analyzed: 16:06

Matrix: WATER — Date Extracted: 12/02/07

GC Column: DB 5.625 ID: .00 — Extraction Method: 3520C

Instrument ID: HP8 — Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	INTRA-LAB QC	KC4CG1AE	KC4CG1AE.	12/05/07	16:43
02	LAB MS/MSD	KC4CG1AF S	KC4CG1AF.	12/05/07	17:01
03	LAB MS/MSD	KC4CG1AG D	KC4CG1AG.	12/05/07	17:19
04	RW-01S-112807	KC6WJ1CG	KC6WJ1CG.	12/05/07	20:23
05	CHECK SAMPLE	KC88X1AC C	KC88X1AC.	12/05/07	16:24
06					
07					
08					
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COMMENTS:

FORM IV

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KC08E1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7K280000-281 KC08E1AD-LCSD
Prep Date.....: 11/28/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7332281
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	54	(25 - 110)			SW846 8270C
	56	(25 - 110)	3.6	(0-30)	SW846 8270C
Acenaphthene	53	(40 - 110)			SW846 8270C
	61	(40 - 110)	14	(0-30)	SW846 8270C
2,4-Dinitrotoluene	61	(52 - 123)			SW846 8270C
	78	(52 - 123)	25	(0-30)	SW846 8270C
Pyrene	61	(55 - 120)			SW846 8270C
	76	(55 - 120)	23	(0-30)	SW846 8270C
N-Nitrosodi-n-propyl-amine	58	(37 - 121)			SW846 8270C
	60	(37 - 121)	3.3	(0-30)	SW846 8270C
1,4-Dichlorobenzene	85	(19 - 110)			SW846 8270C
	87	(19 - 110)	1.7	(0-30)	SW846 8270C
Pentachlorophenol	52	(26 - 110)			SW846 8270C
	65	(26 - 110)	22	(0-30)	SW846 8270C
Phenol	28	(14 - 112)			SW846 8270C
	29	(14 - 112)	2.8	(0-30)	SW846 8270C
2-Chlorophenol	49	(27 - 110)			SW846 8270C
	49	(27 - 110)	0.11	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	50	(39 - 110)			SW846 8270C
	58	(39 - 110)	13	(0-30)	SW846 8270C
4-Nitrophenol	27	(12 - 130)			SW846 8270C
	29	(12 - 130)	8.8	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
	59	(27 - 111)
2-Fluorobiphenyl	53	(28 - 110)
	58	(28 - 110)
Terphenyl-d14	54	(37 - 119)
	79	(37 - 119)
Phenol-d5	28	(10 - 110)
	29	(10 - 110)
2-Fluorophenol	41	(10 - 110)
	43	(10 - 110)

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KC08E1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7K280000-281 KC08E1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	53	(22 - 120)
	64	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KC08E1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7K280000-281 KC08E1AD-LCSD
Prep Date.....: 11/28/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7332281
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	20	11	ug/L	54		SW846 8270C
	20	11	ug/L	56	3.6	SW846 8270C
Acenaphthene	20	11	ug/L	53		SW846 8270C
	20	12	ug/L	61	14	SW846 8270C
2,4-Dinitrotoluene	20	12	ug/L	61		SW846 8270C
	20	16	ug/L	78	25	SW846 8270C
Pyrene	20	12	ug/L	61		SW846 8270C
	20	15	ug/L	76	23	SW846 8270C
N-Nitrosodi-n-propyl-amine	20	12	ug/L	58		SW846 8270C
	20	12	ug/L	60	3.3	SW846 8270C
1,4-Dichlorobenzene	20	17	ug/L	85		SW846 8270C
	20	17	ug/L	87	1.7	SW846 8270C
Pentachlorophenol	20	10	ug/L	52		SW846 8270C
	20	13	ug/L	65	22	SW846 8270C
Phenol	20	5.6	ug/L	28		SW846 8270C
	20	5.8	ug/L	29	2.8	SW846 8270C
2-Chlorophenol	20	9.7	ug/L	49		SW846 8270C
	20	9.7	ug/L	49	0.11	SW846 8270C
4-Chloro-3-methylphenol	20	10	ug/L	50		SW846 8270C
	20	12	ug/L	58	13	SW846 8270C
4-Nitrophenol	20	5.4	ug/L	27		SW846 8270C
	20	5.9	ug/L	29	8.8	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
	59	(27 - 111)
2-Fluorobiphenyl	53	(28 - 110)
	58	(28 - 110)
Terphenyl-d14	54	(37 - 119)
	79	(37 - 119)
Phenol-d5	28	(10 - 110)
	29	(10 - 110)
2-Fluorophenol	41	(10 - 110)
	43	(10 - 110)

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KC08E1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7K280000-281 KC08E1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	53	(22 - 120)
	64	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KC88X1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L010000-042
Prep Date.....: 12/02/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7335042
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,4-Trichloro-benzene	62	(25 - 110)	SW846 8270C
Acenaphthene	71	(40 - 110)	SW846 8270C
2,4-Dinitrotoluene	84	(52 - 123)	SW846 8270C
Pyrene	77	(55 - 120)	SW846 8270C
N-Nitrosodi-n-propyl-amine	76	(37 - 121)	SW846 8270C
1,4-Dichlorobenzene	100	(19 - 110)	SW846 8270C
Pentachlorophenol	40	(26 - 110)	SW846 8270C
Phenol	70	(14 - 112)	SW846 8270C
2-Chlorophenol	71	(27 - 110)	SW846 8270C
4-Chloro-3-methylphenol	68	(39 - 110)	SW846 8270C
4-Nitrophenol	68	(12 - 130)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(27 - 111)
2-Fluorobiphenyl	75	(28 - 110)
Terphenyl-d14	91	(37 - 119)
Phenol-d5	72	(10 - 110)
2-Fluorophenol	73	(10 - 110)
2,4,6-Tribromophenol	70	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KC88X1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L010000-042
Prep Date.....: 12/02/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7335042
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,4-Trichloro-benzene	**20**	**12**	**ug/L**	**62**	**SW846 8270C**
Acenaphthene	**20**	**14**	**ug/L**	**71**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**17**	**ug/L**	**84**	**SW846 8270C**
Pyrene	**20**	**15**	**ug/L**	**77**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**15**	**ug/L**	**76**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**20**	**ug/L**	**100**	**SW846 8270C**
Pentachlorophenol	**20**	**7.9**	**ug/L**	**40**	**SW846 8270C**
Phenol	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
2-Chlorophenol	**20**	**14**	**ug/L**	**71**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**14**	**ug/L**	**68**	**SW846 8270C**
4-Nitrophenol	**20**	**14**	**ug/L**	**68**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(27 - 111)
2-Fluorobiphenyl	75	(28 - 110)
Terphenyl-d14	91	(37 - 119)
Phenol-d5	72	(10 - 110)
2-Fluorophenol	73	(10 - 110)
2,4,6-Tribromophenol	70	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KDC7G1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L040000-055
Prep Date.....: 12/04/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7338055
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,4-Trichloro-benzene	**51**	**(25 - 110)**	**SW846 8270C**
Acenaphthene	**64**	**(40 - 110)**	**SW846 8270C**
2,4-Dinitrotoluene	**70**	**(52 - 123)**	**SW846 8270C**
Pyrene	**63**	**(55 - 120)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**74**	**(37 - 121)**	**SW846 8270C**
1,4-Dichlorobenzene	**81**	**(19 - 110)**	**SW846 8270C**
Pentachlorophenol	**44**	**(26 - 110)**	**SW846 8270C**
Phenol	**59**	**(14 - 112)**	**SW846 8270C**
2-Chlorophenol	**58**	**(27 - 110)**	**SW846 8270C**
4-Chloro-3-methylphenol	**65**	**(39 - 110)**	**SW846 8270C**
4-Nitrophenol	**73**	**(12 - 130)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	68	(37 - 119)
Phenol-d5	59	(10 - 110)
2-Fluorophenol	61	(10 - 110)
2,4,6-Tribromophenol	63	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KDC7G1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L040000-055
Prep Date.....: 12/04/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7338055
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,4-Trichloro-benzene	**20**	**10**	**ug/L**	**51**	**SW846 8270C**
Acenaphthene	**20**	**13**	**ug/L**	**64**	**SW846 8270C**
2,4-Dinitrotoluene	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
Pyrene	**20**	**13**	**ug/L**	**63**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**15**	**ug/L**	**74**	**SW846 8270C**
1,4-Dichlorobenzene	**20**	**16**	**ug/L**	**81**	**SW846 8270C**
Pentachlorophenol	**20**	**8.9**	**ug/L**	**44**	**SW846 8270C**
Phenol	**20**	**12**	**ug/L**	**59**	**SW846 8270C**
2-Chlorophenol	**20**	**12**	**ug/L**	**58**	**SW846 8270C**
4-Chloro-3-methylphenol	**20**	**13**	**ug/L**	**65**	**SW846 8270C**
4-Nitrophenol	**20**	**15**	**ug/L**	**73**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	68	(37 - 119)
Phenol-d5	59	(10 - 110)
2-Fluorophenol	61	(10 - 110)
2,4,6-Tribromophenol	63	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...:	7K28188	**Work Order #...:**	KC4CG1AF-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	A7K290238-009		KC4CG1AG-MSD		
Date Sampled...:	11/28/07 15:20	**Date Received..:**	11/29/07		
Prep Date.....:	12/02/07	**Analysis Date..:**	12/05/07		
Prep Batch #...:	7335042				
Dilution Factor:	1	**Initial Wgt/Vol:**	525 mL	**Final Wgt/Vol..:**	2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	**61**	**(25 - 110)**			**SW846 8270C**
	64	**(25 - 110)**	**5.6**	**(0-30)**	**SW846 8270C**
Acenaphthene	**69**	**(36 - 110)**			**SW846 8270C**
	69	**(36 - 110)**	**0.82**	**(0-30)**	**SW846 8270C**
2,4-Dinitrotoluene	**79**	**(46 - 119)**			**SW846 8270C**
	83	**(46 - 119)**	**4.9**	**(0-30)**	**SW846 8270C**
Pyrene	**74**	**(54 - 115)**			**SW846 8270C**
	77	**(54 - 115)**	**3.7**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**73**	**(25 - 119)**			**SW846 8270C**
	75	**(25 - 119)**	**2.4**	**(0-30)**	**SW846 8270C**
1,4-Dichlorobenzene	**98**	**(17 - 110)**			**SW846 8270C**
	102	**(17 - 110)**	**4.3**	**(0-30)**	**SW846 8270C**
Pentachlorophenol	**44**	**(23 - 110)**			**SW846 8270C**
	48	**(23 - 110)**	**9.3**	**(0-30)**	**SW846 8270C**
Phenol	**66**	**(16 - 110)**			**SW846 8270C**
	68	**(16 - 110)**	**3.6**	**(0-30)**	**SW846 8270C**
2-Chlorophenol	**65**	**(26 - 110)**			**SW846 8270C**
	69	**(26 - 110)**	**6.2**	**(0-30)**	**SW846 8270C**
4-Chloro-3-methylphenol	**66**	**(33 - 110)**			**SW846 8270C**
	68	**(33 - 110)**	**2.6**	**(0-30)**	**SW846 8270C**
4-Nitrophenol	**70**	**(13 - 127)**			**SW846 8270C**
	68	**(13 - 127)**	**2.6**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(27 - 111)
	73	(27 - 111)
2-Fluorobiphenyl	72	(28 - 110)
	67	(28 - 110)
Terphenyl-d14	86	(37 - 119)
	82	(37 - 119)
Phenol-d5	69	(10 - 110)
	67	(10 - 110)
2-Fluorophenol	67	(10 - 110)
	66	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KC4CG1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290238-009 KC4CG1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	68	(22 - 120)
	64	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KC4CG1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290238-009 KC4CG1AG-MSD
Date Sampled...: 11/28/07 15:20 **Date Received..:** 11/29/07
Prep Date.....: 12/02/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7335042
Dilution Factor: 1 **Initial Wgt/Vol:** 525 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	38	23	ug/L	61		SW846 8270C
	ND	38	25	ug/L	64	5.6	SW846 8270C
Acenaphthene	ND	38	26	ug/L	69		SW846 8270C
	ND	38	26	ug/L	69	0.82	SW846 8270C
2,4-Dinitrotoluene	ND	38	30	ug/L	79		SW846 8270C
	ND	38	32	ug/L	83	4.9	SW846 8270C
Pyrene	ND	38	28	ug/L	74		SW846 8270C
	ND	38	29	ug/L	77	3.7	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	38	28	ug/L	73		SW846 8270C
	ND	38	29	ug/L	75	2.4	SW846 8270C
1,4-Dichlorobenzene	ND	38	37	ug/L	98		SW846 8270C
	ND	38	39	ug/L	102	4.3	SW846 8270C
Pentachlorophenol	ND	38	17	ug/L	44		SW846 8270C
	ND	38	18	ug/L	48	9.3	SW846 8270C
Phenol	ND	38	25	ug/L	66		SW846 8270C
	ND	38	26	ug/L	68	3.6	SW846 8270C
2-Chlorophenol	ND	38	25	ug/L	65		SW846 8270C
	ND	38	26	ug/L	69	6.2	SW846 8270C
4-Chloro-3-methylphenol	ND	38	25	ug/L	66		SW846 8270C
	ND	38	26	ug/L	68	2.6	SW846 8270C
4-Nitrophenol	ND	38	26	ug/L	70		SW846 8270C
	ND	38	26	ug/L	68	2.6	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(27 - 111)
	73	(27 - 111)
2-Fluorobiphenyl	72	(28 - 110)
	67	(28 - 110)
Terphenyl-d14	86	(37 - 119)
	82	(37 - 119)
Phenol-d5	69	(10 - 110)
	67	(10 - 110)
2-Fluorophenol	67	(10 - 110)
	66	(10 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KC4CG1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290238-009 KC4CG1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	68	(22 - 120)
	64	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KDCFE1AL-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L030168-003 KDCFE1AM-MSD
Date Sampled...: 11/29/07 09:30 **Date Received..:** 11/30/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7338055
Dilution Factor: 1 **Initial Wgt/Vol:** 525 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	57	(25 - 110)			SW846 8270C
	55	(25 - 110)	3.0	(0-30)	SW846 8270C
Acenaphthene	65	(36 - 110)			SW846 8270C
	65	(36 - 110)	0.01	(0-30)	SW846 8270C
2,4-Dinitrotoluene	75	(46 - 119)			SW846 8270C
	76	(46 - 119)	1.2	(0-30)	SW846 8270C
Pyrene	63	(54 - 115)			SW846 8270C
	62	(54 - 115)	0.67	(0-30)	SW846 8270C
N-Nitrosodi-n-propyl-amine	84	(25 - 119)			SW846 8270C
	78	(25 - 119)	7.3	(0-30)	SW846 8270C
1,4-Dichlorobenzene	87	(17 - 110)			SW846 8270C
	79	(17 - 110)	10	(0-30)	SW846 8270C
Pentachlorophenol	39	(23 - 110)			SW846 8270C
	33	(23 - 110)	18	(0-30)	SW846 8270C
Phenol	63	(16 - 110)			SW846 8270C
	60	(16 - 110)	4.8	(0-30)	SW846 8270C
2-Chlorophenol	57	(26 - 110)			SW846 8270C
	55	(26 - 110)	4.8	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	61	(33 - 110)			SW846 8270C
	59	(33 - 110)	2.7	(0-30)	SW846 8270C
4-Nitrophenol	78	(13 - 127)			SW846 8270C
	80	(13 - 127)	2.8	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(27 - 111)
	75	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
	60	(28 - 110)
Terphenyl-d14	63	(37 - 119)
	59	(37 - 119)
Phenol-d5	61	(10 - 110)
	57	(10 - 110)
2-Fluorophenol	58	(10 - 110)
	55	(10 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KDCFE1AL-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L030168-003 KDCFE1AM-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	49	(22 - 120)
	46	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KDCFE1AL-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L030168-003 KDCFE1AM-MSD
Date Sampled...: 11/29/07 09:30 **Date Received..:** 11/30/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7338055
Dilution Factor: 1 **Initial Wgt/Vol:** 525 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	38	22	ug/L	57		SW846 8270C
	ND	38	21	ug/L	55	3.0	SW846 8270C
Acenaphthene	ND	38	25	ug/L	65		SW846 8270C
	ND	38	25	ug/L	65	0.01	SW846 8270C
2,4-Dinitrotoluene	ND	38	28	ug/L	75		SW846 8270C
	ND	38	29	ug/L	76	1.2	SW846 8270C
Pyrene	ND	38	24	ug/L	63		SW846 8270C
	ND	38	24	ug/L	62	0.67	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	38	32	ug/L	84		SW846 8270C
	ND	38	30	ug/L	78	7.3	SW846 8270C
1,4-Dichlorobenzene	ND	38	33	ug/L	87		SW846 8270C
	ND	38	30	ug/L	79	10	SW846 8270C
Pentachlorophenol	ND	38	15	ug/L	39		SW846 8270C
	ND	38	13	ug/L	33	18	SW846 8270C
Phenol	ND	38	24	ug/L	63		SW846 8270C
	ND	38	23	ug/L	60	4.8	SW846 8270C
2-Chlorophenol	ND	38	22	ug/L	57		SW846 8270C
	ND	38	21	ug/L	55	4.8	SW846 8270C
4-Chloro-3-methylphenol	ND	38	23	ug/L	61		SW846 8270C
	ND	38	23	ug/L	59	2.7	SW846 8270C
4-Nitrophenol	ND	38	30	ug/L	78		SW846 8270C
	ND	38	31	ug/L	80	2.8	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(27 - 111)
	75	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
	60	(28 - 110)
Terphenyl-d14	63	(37 - 119)
	59	(37 - 119)
Phenol-d5	61	(10 - 110)
	57	(10 - 110)
2-Fluorophenol	58	(10 - 110)
	55	(10 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28188 **Work Order #...:** KDCFE1AL-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L030168-003 KDCFE1AM-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	49	(22 - 120)
	46	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

TCE

SAMPLE CALC IS AREA	SAMPLE ID DILUTION	RW-01S-112707 COMPOUND OF INTEREST AREA	IS AMOUNT (NG)	Volume Purged (ML)	AVE RRF	CONCENTRATION PPB
1586507	50	1384948	50	5	0.3004	1453.13

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\UXX8823.D
Report Date: 04-Dec-2007 13:55

STL Inc North Canton

VOLATILE REPORT SW-846 Method

Data file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\UXX8823.D
Lab Smp Id: KC0W21CD Client Smp ID: RW-01S-112707
Inj Date : 04-DEC-2007 12:15
Operator : 1904 Inst ID: a3ux10.i
Smp Info : KC0W21CD,0.1ML/5ML
Misc Info : P71204A,8260LLUX10,,1904
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\8260LLUX10.m
Meth Date : 04-Dec-2007 10:12 a3ux10.i Quant Type: ISTD
Cal Date : 01-OCT-2007 11:39 Cal File: UXX7037.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	0.10000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.383	5.374	(1.000)	1586507	50.0000	
* 2 Chlorobenzene-d5	117	8.069	8.072	(1.000)	1288448	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.329	10.332	(1.000)	859248	50.0000	
$ 4 Dibromofluoromethane	113	4.803	4.794	(0.892)	377947	45.8588	458.59
$ 5 1,2-Dichloroethane-d4	65	5.087	5.090	(0.945)	362775	39.7233	397.23
$ 6 Toluene-d8	98	6.743	6.746	(0.836)	1182500	42.0869	420.87
$ 7 Bromofluorobenzene	95	9.193	9.184	(1.139)	529105	47.6313	476.31
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	1.845	1.848	(0.343)	159308	14.1106	141.10
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	Compound Not Detected.					
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	3.324	3.327	(0.618)	12105	0.97219	9.722

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71204A.b\UXX8823.D
Report Date: 04-Dec-2007 13:55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96				466657	45.8673	458.67
	32 cis-1,2-dichloroethene	96	4.400	4.403	(0.818)	466657	45.8673	458.67
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	5.158	5.161	(0.958)	9777	0.87818	8.782
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	5.690	5.693	(1.057)	1384948	145.312	1453.1
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	5.986	5.989	(1.112)	4051	42.8171	428.17
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

SAMPLE CALC **SAMPLE ID: RW-01S-112707** **COMPOUND: 1,4-DIOXANE**

IS AREA	DILUTION	COMPOUND OF INTEREST AREA	IS AMOUNT (NG)	Final Extract Volume (uL)	AVE RRF	CONCENTRATION PPB
345702	5	379138	2	2000	0.4373	95.55

Sample Volume (ML)
1050

Injection volume (uL)
0.5

TestAmerica North Canton

Semivolatile REPORT SW-846 Method 8270

Data file : \\cansvr11\dd\chem\MSS\a4ag2.i\71202A.b\KC0W21CE.D
Lab Smp Id: KC0W21CE Client Smp ID: RW-01S-112707
Inj Date : 02-DEC-2007 21:07
Operator : 046900 Inst ID: a4ag2.i
Smp Info : KC0W21CE,71202A.b,8270P,14D.SUB
Misc Info :
Comment :
Method : \\cansvr11\dd\chem\MSS\a4ag2.i\71202A.b\8270p.m
Meth Date : 03-Dec-2007 08:04 hulat Quant Type: ISTD
Cal Date : 30-NOV-2007 12:04 Cal File: 2AML1130.D
Als bottle: 37
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: 14D.SUB
Target Version: 4.14
Processing Host: CANPMSSV04

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	2000.000	Volume of final extract (uL)
Vo	1050.000	Volume of sample extracted (mL)
Vi	0.50000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	FINAL (ug/L)	
* 1 1,4-Dichlorobenzene-d4	152	3.707	3.713	(1.000)	345702	2.00000		(Q)
* 2 Naphthalene-d8	136	4.607	4.613	(1.000)	1566634	2.00000		
* 3 Acenaphthene-d10	164	5.877	5.883	(1.000)	867382	2.00000		
* 4 Phenanthrene-d10	188	6.971	6.971	(1.000)	1567149	2.00000		
* 5 Chrysene-d12	240	8.954	8.960	(1.000)	1614512	2.00000		
* 6 Perylene-d12	264	10.524	10.524	(1.000)	1589504	2.00000		
198 1,4-Dioxane	88	1.878	1.889	(0.507)	379138	5.01638	95.550	(QM)
$ 154 Nitrobenzene-d5	82	4.089	4.089	(0.888)	179045	0.58696	11.180	
$ 155 2-Fluorobiphenyl	172	5.366	5.366	(0.913)	348151	0.57566	10.965	
$ 156 Terphenyl-d14	244	8.112	8.113	(0.906)	544541	0.76053	14.486	
$ 157 Phenol-d5	99	3.401	3.407	(0.917)	107168	0.34037	6.4832	
$ 158 2-Fluorophenol	112	2.825	2.830	(0.762)	119840	0.52638	10.026	
$ 159 2,4,6-Tribromophenol	330	6.454	6.454	(1.098)	81623	1.10648	21.076	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**M.MARTIN**	**DATE:**	**FEBRUARY 28, 2008**
FROM:	**TERRI L. SOLOMON**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – VOCS, 1,4-DIOXANE, SELECT METALS, SELECT DISSOLVED METALS, pH**
LOCKHEED MIDDLE RIVER
SAMPLE DELIVERY GROUP (SDG) – 7L12224

SAMPLES: 9/Aqueous/

MW74A-121107	MW74A-121207	MW74A-121407
RW-01I-121107	RW-01I-121207	RW-01I121407
TB-121107	TB-121207	TB-121407

Overview

The sample set for Lockheed Middle River, SDG 7L12224, consists of nine (9) aqueous environmental samples. No field duplicate pairs were included within this SDG.

All samples were analyzed for volatile organic compounds (VOCs). Samples MW74A-121107, MW74A-121207, MW74A-121407, RW-01I-121107, RW-01I-121207 and RW-01I121407 were also analyzed for 1,4-dioxane, select total and dissolved metals including antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium and zinc, and pH. The samples were collected by Tetra Tech NUS on December 11, 12 and 14, 2007 and analyzed by Test America. VOC analyses were conducted using SW-846 method 8260B and 1,4-dioxane analyses were conducted using SW-846 method 8270C. Metals analyses were conducted using SW-846 method 6020. Mercury analyses were conducted using SW-846 method 7470A and pH analyses were conducted using SW-846 method 9040B.

The findings offered in this report are based upon a general review of all available data. The data review was based on data completeness, holding times, initial and continuing calibration verification results, surrogate recoveries, laboratory method / preparation blank results, ICP interference results, laboratory control sample recoveries, matrix spike / matrix spike duplicate recoveries, laboratory duplicate results, ICP serial dilution results, internal standard results, detection limits and analyte quantitation.

Areas of concern with respect to data quality are listed below.

Major Problems

- Several initial and continuing calibration relative response factors (RRFs) for tertiary-butyl alcohol were < 0.05 quality control limit affecting all samples. The nondetected results reported for tertiary-butyl alcohol were qualified as rejected, "UR".

Minor Problems

- The initial calibration relative standard deviation (%RSD) on 12-20-07 instrument A3UX10 for acetone was > 30% quality control limit affecting all samples. The positive result reported for acetone for sample TB-121207 was qualified as estimated, "J".

- The continuing calibration percent difference (%D) on 12-21-07 10:52 instrument A3UX10 for vinyl acetate was > 50% quality control limit affecting samples MW74A-121207, RW-01I-121207 and TB-121207. The nondetected results reported for vinyl acetate in the affected samples were qualified as estimated, "UJ.

- The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
1,2,3-trichlorobenzene[1]	0.51 ug/L	2.55 ug/L
1,2,4-trichlorobenzene[1]	0.27 ug/L	1.35 ug/L
Chloroform[1]	0.22 ug/L	1.1 ug/L
Naphthalene[1]	0.63 ug/L	3.15 ug/L

[1] Maximum concentration present in a trip blank affecting samples MW74A-121107 and RW-01I-121107.

Analyte	Maximum Concentration	Action Level
1,2,3-trichlorobenzene[2]	0.54 ug/L	2.7 ug/L
1,2,4-trichlorobenzene[2]	0.28 ug/L	1.4 ug/L
Acetone[3]	1.5 ug/L	7.5 ug/L
Naphthalene[2]	0.60 ug/L	3.0 ug/L

[2] Maximum concentration present in a method blank affecting samples MW74A-121207 and RW-01I-121207.
[3] Maximum concentration present in a trip blank affecting samples MW74A-121207 and RW-01I-121207.

Analyte	Maximum Concentration	Action Level
1,2,3-trichlorobenzene[4]	0.52 ug/L	2.6 ug/L
1,2,4-trichlorobenzene[5]	0.24 ug/L	1.2 ug/L
Naphthalene[5]	0.49 ug/L	2.45 ug/L

[4] Maximum concentration present in a method blank affecting samples MW74A-121407 and RW-01I121407.
[5] Maximum concentration present in a trip blank affecting samples MW74A-121407 and RW-01I121407.

Analyte	Maximum Concentration	Action Level
Antimony	0.081 ug/L	0.405 ug/L
Chromium	0.33 ug/L	1.65 ug/L
Copper[6]	0.061 ug/L	0.305 ug/L
Thallium[6]	0.035 ug/L	0.175 ug/L
Zinc[6]	2.3 ug/L	11.5 ug/L

(6) Maximum concentration present in an aqueous preparation blank.

An action level of 5X the maximum contaminant level has been used to evaluate sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level reported for 1,2,4-trichlorobenzene, antimony, chromium and zinc were qualified "B" as a result of laboratory blank contamination.

- The ICP interference percent recovery for molybdenum was < 80% quality control limit affecting all samples. The positive and nondetected results reported for molybdenum were qualified as biased low, "L" and "UL", respectively

- The ICP serial dilution percent difference for cobalt was > 10% quality control limit affecting all samples. The positive results reported for cobalt were qualified as estimated, "J".

Notes

The continuing calibration %Ds on 12-26-07 10:14 for acetone and tertiary-butyl alcohol were > 25% quality control limit affecting samples MW74A-121407 and RW-01I121407. No validation actions were warranted for acetone as all sample results were nondetects. No validation actions were warranted for tertiary-butyl alcohol as all samples were rejected for a more severe noncompliance.

The contract required detection limit (CRDL) percent recovery for chromium was > 110% quality control limit affecting all samples. No validation actions were required as all results for chromium were either nondetects or were qualified as a result of blank contamination.

The nondetected results for the VOC and 1,4-dioxane analyses were reported to the reporting limit.

Positive results reported below the reporting limit (RL) but above the method detection limit (MDL) for the organic analyses were qualified as estimated, "J".

Executive Summary

Laboratory Performance: Several initial and continuing calibration RRFs for tertiary-butyl alcohol were < 0.05 quality control limit affecting all samples. The initial calibration %RSD for acetone was > 30% quality control limit affecting all samples. The continuing calibration %D on 12-21-07 10:52 for vinyl acetate was > 50% quality control limit affecting samples MW74A-121207, RW-01I-121207 and TB-121207. Several contaminants were present in the laboratory method / preparation blanks. The ICP interference percent recovery for molybdenum was < 80% quality control limit affecting all samples.

Other Factors Affecting Data Quality: The ICP serial dilution percent difference for cobalt was > 10% quality control limit affecting all samples.

The data for these analyses were reviewed with reference to Region III modifications to the "National Functional Guidelines for Inorganic Data Validation", April 1993 and the "National Functional guidelines for Organic Data Review", September 1994.

The text of this report has been formulated to address only those problem areas affecting data quality.

Tetra Tech NUS
Terri L. Solomon
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$ / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: OV

nsample	MW74A-121107DL
samp_date	12/11/2007
lab_id	A7L120224001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	1700	U	
1,1,1-TRICHLOROETHANE	1700	U	
1,1,2,2-TETRACHLOROETHANE	1700	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1700	U	
1,1-DICHLOROETHANE	1700	U	
1,1-DICHLOROETHENE	1700	U	
1,1-DICHLOROPROPENE	1700	U	
1,2,3-TRICHLOROBENZENE	1700	U	
1,2,3-TRICHLOROPROPANE	1700	U	
1,2,3-TRIMETHYLBENZENE	8300	U	
1,2,4-TRICHLOROBENZENE	1700	U	
1,2,4-TRIMETHYLBENZENE	1700	U	
1,2-DIBROMO-3-CHLOROPROPANE	3300	U	
1,2-DIBROMOETHANE	1700	U	
1,2-DICHLOROBENZENE	1700	U	
1,2-DICHLOROETHANE	1700	U	
1,2-DICHLOROPROPANE	1700	U	
1,3-DICHLOROBENZENE	1700	U	
1,3-DICHLOROPROPANE	1700	U	
1,4-DICHLOROBENZENE	1700	U	
2,2-DICHLOROPROPANE	1700	U	
2-BUTANONE	8300	U	
2-CHLOROETHYL VINYL ETHER	8300	U	
2-CHLOROTOLUENE	1700	U	
2-HEXANONE	8300	U	
4-CHLOROTOLUENE	1700	U	
4-ISOPROPYLTOLUENE	1700	U	
4-METHYL-2-PENTANONE	8300	U	
ACETONE	8300	U	
BENZENE	1700	U	
BROMOBENZENE	1700	U	
BROMOCHLOROMETHANE	1700	U	

nsample	MW74A-121107DL
samp_date	12/11/2007
lab_id	A7L120224001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	1700	U	
BROMOFORM	1700	U	
BROMOMETHANE	1700	U	
CARBON DISULFIDE	1700	U	
CARBON TETRACHLORIDE	1700	U	
CHLOROBENZENE	1700	U	
CHLORODIBROMOMETHANE	1700	U	
CHLOROETHANE	1700	U	
CHLOROFORM	1700	U	
CHLOROMETHANE	1700	U	
CIS-1,2-DICHLOROETHENE	2800		
CIS-1,3-DICHLOROPROPENE	1700	U	
DIBROMOMETHANE	1700	U	
DICHLORODIFLUOROMETHANE	1700	U	
DIISOPROPYL ETHER	8300	U	
ETHYL TERT-BUTYL ETHER	8300	U	
ETHYLBENZENE	1700	U	
HEXACHLOROBUTADIENE	1700	U	
ISOPROPYLBENZENE	1700	U	
M+P-XYLENES	3300	U	
METHYL TERT-BUTYL ETHER	8300	U	
METHYLENE CHLORIDE	1700	U	
NAPHTHALENE	1700	U	
N-BUTYLBENZENE	1700	U	
N-PROPYLBENZENE	1700	U	
O-XYLENE	1700	U	
SEC-BUTYLBENZENE	1700	U	
STYRENE	1700	U	
TERT-AMYL METHYL ETHER	8300	U	
TERT-BUTYLBENZENE	1700	U	
TERTIARY-BUTYL ALCOHOL	33000	UR	C
TETRACHLOROETHENE	1700	U	

nsample	MW74A-121107DL
samp_date	12/11/2007
lab_id	A7L120224001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	1700	U	
TOTAL XYLENES	3300	U	
TRANS-1,2-DICHLOROETHENE	1700	U	
TRANS-1,3-DICHLOROPROPENE	1700	U	
TRICHLOROETHENE	64000		
TRICHLOROFLUOROMETHANE	1700	U	
VINYL ACETATE	3300	U	
VINYL CHLORIDE	1700	U	

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: OV

nsample	MW74A-121207DL
samp_date	12/12/2007
lab_id	A7L140260001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	1700	U	
1,1,1-TRICHLOROETHANE	1700	U	
1,1,2,2-TETRACHLOROETHANE	1700	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1700	U	
1,1-DICHLOROETHANE	1700	U	
1,1-DICHLOROETHENE	1700	U	
1,1-DICHLOROPROPENE	1700	U	
1,2,3-TRICHLOROBENZENE	1700	U	
1,2,3-TRICHLOROPROPANE	1700	U	
1,2,3-TRIMETHYLBENZENE	8300	U	
1,2,4-TRICHLOROBENZENE	1700	U	
1,2,4-TRIMETHYLBENZENE	1700	U	
1,2-DIBROMO-3-CHLOROPROPANE	3300	U	
1,2-DIBROMOETHANE	1700	U	
1,2-DICHLOROBENZENE	1700	U	
1,2-DICHLOROETHANE	1700	U	
1,2-DICHLOROPROPANE	1700	U	
1,3-DICHLOROBENZENE	1700	U	
1,3-DICHLOROPROPANE	1700	U	
1,4-DICHLOROBENZENE	1700	U	
2,2-DICHLOROPROPANE	1700	U	
2-BUTANONE	8300	U	
2-CHLOROETHYL VINYL ETHER	8300	U	
2-CHLOROTOLUENE	1700	U	
2-HEXANONE	8300	U	
4-CHLOROTOLUENE	1700	U	
4-ISOPROPYLTOLUENE	1700	U	
4-METHYL-2-PENTANONE	8300	U	
ACETONE	8300	U	
BENZENE	1700	U	
BROMOBENZENE	1700	U	
BROMOCHLOROMETHANE	1700	U	

nsample	MW74A-121207DL
samp_date	12/12/2007
lab_id	A7L140260001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	1700	U	
BROMOFORM	1700	U	
BROMOMETHANE	1700	U	
CARBON DISULFIDE	1700	U	
CARBON TETRACHLORIDE	1700	U	
CHLOROBENZENE	1700	U	
CHLORODIBROMOMETHANE	1700	U	
CHLOROETHANE	1700	U	
CHLOROFORM	1700	U	
CHLOROMETHANE	1700	U	
CIS-1,2-DICHLOROETHENE	2300		
CIS-1,3-DICHLOROPROPENE	1700	U	
DIBROMOMETHANE	1700	U	
DICHLORODIFLUOROMETHANE	1700	U	
DIISOPROPYL ETHER	8300	U	
ETHYL TERT-BUTYL ETHER	8300	U	
ETHYLBENZENE	1700	U	
HEXACHLOROBUTADIENE	1700	U	
ISOPROPYLBENZENE	1700	U	
M+P-XYLENES	3300	U	
METHYL TERT-BUTYL ETHER	8300	U	
METHYLENE CHLORIDE	1700	U	
NAPHTHALENE	1700	U	
N-BUTYLBENZENE	1700	U	
N-PROPYLBENZENE	1700	U	
O-XYLENE	1700	U	
SEC-BUTYLBENZENE	1700	U	
STYRENE	1700	U	
TERT-AMYL METHYL ETHER	8300	U	
TERT-BUTYLBENZENE	1700	U	
TERTIARY-BUTYL ALCOHOL	33000	UR	C
TETRACHLOROETHENE	1700	U	

nsample	MW74A-121207DL
samp_date	12/12/2007
lab_id	A7L140260001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	1700	U	
TOTAL XYLENES	3300	U	
TRANS-1,2-DICHLOROETHENE	1700	U	
TRANS-1,3-DICHLOROPROPENE	1700	U	
TRICHLOROETHENE	64000		
TRICHLOROFLUOROMETHANE	1700	U	
VINYL ACETATE	3300	UJ	C
VINYL CHLORIDE	1700	U	

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: OV

nsample	MW74A-121407DL
samp_date	12/14/2007
lab_id	A7L150155001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	2000	U	
1,1,1-TRICHLOROETHANE	2000	U	
1,1,2,2-TETRACHLOROETHANE	2000	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2000	U	
1,1-DICHLOROETHANE	2000	U	
1,1-DICHLOROETHENE	2000	U	
1,1-DICHLOROPROPENE	2000	U	
1,2,3-TRICHLOROBENZENE	2000	U	
1,2,3-TRICHLOROPROPANE	2000	U	
1,2,3-TRIMETHYLBENZENE	10000	U	
1,2,4-TRICHLOROBENZENE	2000	U	
1,2,4-TRIMETHYLBENZENE	2000	U	
1,2-DIBROMO-3-CHLOROPROPANE	4000	U	
1,2-DIBROMOETHANE	2000	U	
1,2-DICHLOROBENZENE	2000	U	
1,2-DICHLOROETHANE	2000	U	
1,2-DICHLOROPROPANE	2000	U	
1,3-DICHLOROBENZENE	2000	U	
1,3-DICHLOROPROPANE	2000	U	
1,4-DICHLOROBENZENE	2000	U	
2,2-DICHLOROPROPANE	2000	U	
2-BUTANONE	10000	U	
2-CHLOROETHYL VINYL ETHER	10000	U	
2-CHLOROTOLUENE	2000	U	
2-HEXANONE	10000	U	
4-CHLOROTOLUENE	2000	U	
4-ISOPROPYLTOLUENE	2000	U	
4-METHYL-2-PENTANONE	10000	U	
ACETONE	10000	U	
BENZENE	2000	U	
BROMOBENZENE	2000	U	
BROMOCHLOROMETHANE	2000	U	

nsample	MW74A-121407DL
samp_date	12/14/2007
lab_id	A7L150155001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	2000	U	
BROMOFORM	2000	U	
BROMOMETHANE	2000	U	
CARBON DISULFIDE	2000	U	
CARBON TETRACHLORIDE	2000	U	
CHLOROBENZENE	2000	U	
CHLORODIBROMOMETHANE	2000	U	
CHLOROETHANE	2000	U	
CHLOROFORM	2000	U	
CHLOROMETHANE	2000	U	
CIS-1,2-DICHLOROETHENE	2100		
CIS-1,3-DICHLOROPROPENE	2000	U	
DIBROMOMETHANE	2000	U	
DICHLORODIFLUOROMETHANE	2000	U	
DIISOPROPYL ETHER	10000	U	
ETHYL TERT-BUTYL ETHER	10000	U	
ETHYLBENZENE	2000	U	
HEXACHLOROBUTADIENE	2000	U	
ISOPROPYLBENZENE	2000	U	
M+P-XYLENES	4000	U	
METHYL TERT-BUTYL ETHER	10000	U	
METHYLENE CHLORIDE	2000	U	
NAPHTHALENE	2000	U	
N-BUTYLBENZENE	2000	U	
N-PROPYLBENZENE	2000	U	
O-XYLENE	2000	U	
SEC-BUTYLBENZENE	2000	U	
STYRENE	2000	U	
TERT-AMYL METHYL ETHER	10000	U	
TERT-BUTYLBENZENE	2000	U	
TERTIARY-BUTYL ALCOHOL	40000	UR	C
TETRACHLOROETHENE	2000	U	

nsample	MW74A-121407DL
samp_date	12/14/2007
lab_id	A7L150155001
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	2000	U	
TOTAL XYLENES	4000	U	
TRANS-1,2-DICHLOROETHENE	2000	U	
TRANS-1,3-DICHLOROPROPENE	2000	U	
TRICHLOROETHENE	68000		
TRICHLOROFLUOROMETHANE	2000	U	
VINYL ACETATE	4000	U	
VINYL CHLORIDE	2000	U	

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: OV

nsample	RW-01I-121107DL
samp_date	12/11/2007
lab_id	A7L120224003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	420	U	
1,1,1-TRICHLOROETHANE	420	U	
1,1,2,2-TETRACHLOROETHANE	420	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	420	U	
1,1-DICHLOROETHANE	420	U	
1,1-DICHLOROETHENE	420	U	
1,1-DICHLOROPROPENE	420	U	
1,2,3-TRICHLOROBENZENE	420	U	
1,2,3-TRICHLOROPROPANE	420	U	
1,2,3-TRIMETHYLBENZENE	2100	U	
1,2,4-TRICHLOROBENZENE	150	B	A
1,2,4-TRIMETHYLBENZENE	420	U	
1,2-DIBROMO-3-CHLOROPROPANE	830	U	
1,2-DIBROMOETHANE	420	U	
1,2-DICHLOROBENZENE	420	U	
1,2-DICHLOROETHANE	100	J	P
1,2-DICHLOROPROPANE	420	U	
1,3-DICHLOROBENZENE	420	U	
1,3-DICHLOROPROPANE	420	U	
1,4-DICHLOROBENZENE	420	U	
2,2-DICHLOROPROPANE	420	U	
2-BUTANONE	2100	U	
2-CHLOROETHYL VINYL ETHER	2100	U	
2-CHLOROTOLUENE	420	U	
2-HEXANONE	2100	U	
4-CHLOROTOLUENE	420	U	
4-ISOPROPYLTOLUENE	420	U	
4-METHYL-2-PENTANONE	2100	U	
ACETONE	2100	U	
BENZENE	420	U	
BROMOBENZENE	420	U	
BROMOCHLOROMETHANE	420	U	

nsample	RW-01I-121107DL
samp_date	12/11/2007
lab_id	A7L120224003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	420	U	
BROMOFORM	420	U	
BROMOMETHANE	420	U	
CARBON DISULFIDE	420	U	
CARBON TETRACHLORIDE	420	U	
CHLOROBENZENE	420	U	
CHLORODIBROMOMETHANE	420	U	
CHLOROETHANE	420	U	
CHLOROFORM	420	U	
CHLOROMETHANE	420	U	
CIS-1,2-DICHLOROETHENE	1100		
CIS-1,3-DICHLOROPROPENE	420	U	
DIBROMOMETHANE	420	U	
DICHLORODIFLUOROMETHANE	420	U	
DIISOPROPYL ETHER	2100	U	
ETHYL TERT-BUTYL ETHER	2100	U	
ETHYLBENZENE	420	U	
HEXACHLOROBUTADIENE	420	U	
ISOPROPYLBENZENE	420	U	
M+P-XYLENES	830	U	
METHYL TERT-BUTYL ETHER	2100	U	
METHYLENE CHLORIDE	420	U	
NAPHTHALENE	420	U	
N-BUTYLBENZENE	420	U	
N-PROPYLBENZENE	420	U	
O-XYLENE	420	U	
SEC-BUTYLBENZENE	420	U	
STYRENE	420	U	
TERT-AMYL METHYL ETHER	2100	U	
TERT-BUTYLBENZENE	420	U	
TERTIARY-BUTYL ALCOHOL	8300	UR	C
TETRACHLOROETHENE	420	U	

nsample	RW-01I-121107DL
samp_date	12/11/2007
lab_id	A7L120224003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	420	U	
TOTAL XYLENES	830	U	
TRANS-1,2-DICHLOROETHENE	420	U	
TRANS-1,3-DICHLOROPROPENE	420	U	
TRICHLOROETHENE	9600		
TRICHLOROFLUOROMETHANE	420	U	
VINYL ACETATE	830	U	
VINYL CHLORIDE	240	J	P

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: OV

nsample	RW-01I-121207DL
samp_date	12/12/2007
lab_id	A7L140260003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	330	U	
1,1,1-TRICHLOROETHANE	330	U	
1,1,2,2-TETRACHLOROETHANE	330	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	330	U	
1,1-DICHLOROETHANE	330	U	
1,1-DICHLOROETHENE	330	U	
1,1-DICHLOROPROPENE	330	U	
1,2,3-TRICHLOROBENZENE	330	U	
1,2,3-TRICHLOROPROPANE	330	U	
1,2,3-TRIMETHYLBENZENE	1700	U	
1,2,4-TRICHLOROBENZENE	240	B	A
1,2,4-TRIMETHYLBENZENE	330	U	
1,2-DIBROMO-3-CHLOROPROPANE	670	U	
1,2-DIBROMOETHANE	330	U	
1,2-DICHLOROBENZENE	330	U	
1,2-DICHLOROETHANE	85	J	P
1,2-DICHLOROPROPANE	330	U	
1,3-DICHLOROBENZENE	330	U	
1,3-DICHLOROPROPANE	330	U	
1,4-DICHLOROBENZENE	330	U	
2,2-DICHLOROPROPANE	330	U	
2-BUTANONE	1700	U	
2-CHLOROETHYL VINYL ETHER	1700	U	
2-CHLOROTOLUENE	330	U	
2-HEXANONE	1700	U	
4-CHLOROTOLUENE	330	U	
4-ISOPROPYLTOLUENE	330	U	
4-METHYL-2-PENTANONE	1700	U	
ACETONE	1700	U	
BENZENE	330	U	
BROMOBENZENE	330	U	
BROMOCHLOROMETHANE	330	U	

nsample	RW-01I-121207DL
samp_date	12/12/2007
lab_id	A7L140260003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	330	U	
BROMOFORM	330	U	
BROMOMETHANE	330	U	
CARBON DISULFIDE	330	U	
CARBON TETRACHLORIDE	330	U	
CHLOROBENZENE	330	U	
CHLORODIBROMOMETHANE	330	U	
CHLOROETHANE	330	U	
CHLOROFORM	330	U	
CHLOROMETHANE	330	U	
CIS-1,2-DICHLOROETHENE	1500		
CIS-1,3-DICHLOROPROPENE	330	U	
DIBROMOMETHANE	330	U	
DICHLORODIFLUOROMETHANE	330	U	
DIISOPROPYL ETHER	1700	U	
ETHYL TERT-BUTYL ETHER	1700	U	
ETHYLBENZENE	330	U	
HEXACHLOROBUTADIENE	330	U	
ISOPROPYLBENZENE	330	U	
M+P-XYLENES	670	U	
METHYL TERT-BUTYL ETHER	1700	U	
METHYLENE CHLORIDE	330	U	
NAPHTHALENE	330	U	
N-BUTYLBENZENE	330	U	
N-PROPYLBENZENE	330	U	
O-XYLENE	330	U	
SEC-BUTYLBENZENE	330	U	
STYRENE	330	U	
TERT-AMYL METHYL ETHER	1700	U	
TERT-BUTYLBENZENE	330	U	
TERTIARY-BUTYL ALCOHOL	6700	UR	C
TETRACHLOROETHENE	330	U	

nsample	RW-01I-121207DL
samp_date	12/12/2007
lab_id	A7L140260003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	330	U	
TOTAL XYLENES	670	U	
TRANS-1,2-DICHLOROETHENE	330	U	
TRANS-1,3-DICHLOROPROPENE	330	U	
TRICHLOROETHENE	11000		
TRICHLOROFLUOROMETHANE	330	U	
VINYL ACETATE	670	UJ	C
VINYL CHLORIDE	260	J	P

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: OV

nsample	RW-01I121407DL
samp_date	12/14/2007
lab_id	A7L150155003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	420	U	
1,1,1-TRICHLOROETHANE	420	U	
1,1,2,2-TETRACHLOROETHANE	420	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	420	U	
1,1-DICHLOROETHANE	420	U	
1,1-DICHLOROETHENE	420	U	
1,1-DICHLOROPROPENE	420	U	
1,2,3-TRICHLOROBENZENE	420	U	
1,2,3-TRICHLOROPROPANE	420	U	
1,2,3-TRIMETHYLBENZENE	2100	U	
1,2,4-TRICHLOROBENZENE	240	B	A
1,2,4-TRIMETHYLBENZENE	420	U	
1,2-DIBROMO-3-CHLOROPROPANE	830	U	
1,2-DIBROMOETHANE	420	U	
1,2-DICHLOROBENZENE	420	U	
1,2-DICHLOROETHANE	420	U	
1,2-DICHLOROPROPANE	420	U	
1,3-DICHLOROBENZENE	420	U	
1,3-DICHLOROPROPANE	420	U	
1,4-DICHLOROBENZENE	420	U	
2,2-DICHLOROPROPANE	420	U	
2-BUTANONE	2100	U	
2-CHLOROETHYL VINYL ETHER	2100	U	
2-CHLOROTOLUENE	420	U	
2-HEXANONE	2100	U	
4-CHLOROTOLUENE	420	U	
4-ISOPROPYLTOLUENE	420	U	
4-METHYL-2-PENTANONE	2100	U	
ACETONE	2100	U	
BENZENE	420	U	
BROMOBENZENE	420	U	
BROMOCHLOROMETHANE	420	U	

nsample	RW-01I121407DL
samp_date	12/14/2007
lab_id	A7L150155003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	420	U	
BROMOFORM	420	U	
BROMOMETHANE	420	U	
CARBON DISULFIDE	420	U	
CARBON TETRACHLORIDE	420	U	
CHLOROBENZENE	420	U	
CHLORODIBROMOMETHANE	420	U	
CHLOROETHANE	420	U	
CHLOROFORM	420	U	
CHLOROMETHANE	420	U	
CIS-1,2-DICHLOROETHENE	1700		
CIS-1,3-DICHLOROPROPENE	420	U	
DIBROMOMETHANE	420	U	
DICHLORODIFLUOROMETHANE	420	U	
DIISOPROPYL ETHER	2100	U	
ETHYL TERT-BUTYL ETHER	2100	U	
ETHYLBENZENE	420	U	
HEXACHLOROBUTADIENE	420	U	
ISOPROPYLBENZENE	420	U	
M+P-XYLENES	830	U	
METHYL TERT-BUTYL ETHER	2100	U	
METHYLENE CHLORIDE	420	U	
NAPHTHALENE	420	U	
N-BUTYLBENZENE	420	U	
N-PROPYLBENZENE	420	U	
O-XYLENE	420	U	
SEC-BUTYLBENZENE	420	U	
STYRENE	420	U	
TERT-AMYL METHYL ETHER	2100	U	
TERT-BUTYLBENZENE	420	U	
TERTIARY-BUTYL ALCOHOL	8300	UR	C
TETRACHLOROETHENE	420	U	

nsample	RW-01I121407DL
samp_date	12/14/2007
lab_id	A7L150155003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	420	U	
TOTAL XYLENES	830	U	
TRANS-1,2-DICHLOROETHENE	420	U	
TRANS-1,3-DICHLOROPROPENE	420	U	
TRICHLOROETHENE	13000		
TRICHLOROFLUOROMETHANE	420	U	
VINYL ACETATE	830	U	
VINYL CHLORIDE	320	J	P

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: OV

nsample	TB-121107
samp_date	12/11/2007
lab_id	A7L120224002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	1	U	
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,1-DICHLOROPROPENE	1	U	
1,2,3-TRICHLOROBENZENE	0.51	J	P
1,2,3-TRICHLOROPROPANE	1	U	
1,2,3-TRIMETHYLBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	0.27	J	P
1,2,4-TRIMETHYLBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	2	U	
1,2-DIBROMOETHANE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,3-DICHLOROPROPANE	1	U	
1,4-DICHLOROBENZENE	1	U	
2,2-DICHLOROPROPANE	1	U	
2-BUTANONE	5	U	
2-CHLOROETHYL VINYL ETHER	5	U	
2-CHLOROTOLUENE	1	U	
2-HEXANONE	5	U	
4-CHLOROTOLUENE	1	U	
4-ISOPROPYLTOLUENE	1	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	5	U	
BENZENE	1	U	
BROMOBENZENE	1	U	
BROMOCHLOROMETHANE	1	U	

nsample	TB-121107
samp_date	12/11/2007
lab_id	A7L120224002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	1	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	1	U	
CHLOROFORM	0.22	J	P
CHLOROMETHANE	1	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
DIISOPROPYL ETHER	5	U	
ETHYL TERT-BUTYL ETHER	5	U	
ETHYLBENZENE	1	U	
HEXACHLOROBUTADIENE	1	U	
ISOPROPYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	1	U	
NAPHTHALENE	0.63	J	P
N-BUTYLBENZENE	1	U	
N-PROPYLBENZENE	1	U	
O-XYLENE	1	U	
SEC-BUTYLBENZENE	1	U	
STYRENE	1	U	
TERT-AMYL METHYL ETHER	5	U	
TERT-BUTYLBENZENE	1	U	
TERTIARY-BUTYL ALCOHOL	20	UR	C
TETRACHLOROETHENE	1	U	

nsample	TB-121107
samp_date	12/11/2007
lab_id	A7L120224002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	1	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: OV

nsample	TB-121207
samp_date	12/12/2007
lab_id	A7L140260002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	1	U	
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,1-DICHLOROPROPENE	1	U	
1,2,3-TRICHLOROBENZENE	1	U	
1,2,3-TRICHLOROPROPANE	1	U	
1,2,3-TRIMETHYLBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	1	U	
1,2,4-TRIMETHYLBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	2	U	
1,2-DIBROMOETHANE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,3-DICHLOROPROPANE	1	U	
1,4-DICHLOROBENZENE	1	U	
2,2-DICHLOROPROPANE	1	U	
2-BUTANONE	5	U	
2-CHLOROETHYL VINYL ETHER	5	U	
2-CHLOROTOLUENE	1	U	
2-HEXANONE	5	U	
4-CHLOROTOLUENE	1	U	
4-ISOPROPYLTOLUENE	1	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	1.5	J	CP
BENZENE	1	U	
BROMOBENZENE	1	U	
BROMOCHLOROMETHANE	1	U	

nsample	TB-121207
samp_date	12/12/2007
lab_id	A7L140260002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	1	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	1	U	
CHLOROFORM	1	U	
CHLOROMETHANE	1	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
DIISOPROPYL ETHER	5	U	
ETHYL TERT-BUTYL ETHER	5	U	
ETHYLBENZENE	1	U	
HEXACHLOROBUTADIENE	1	U	
ISOPROPYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	1	U	
NAPHTHALENE	1	U	
N-BUTYLBENZENE	1	U	
N-PROPYLBENZENE	1	U	
O-XYLENE	1	U	
SEC-BUTYLBENZENE	1	U	
STYRENE	1	U	
TERT-AMYL METHYL ETHER	5	U	
TERT-BUTYLBENZENE	1	U	
TERTIARY-BUTYL ALCOHOL	20	UR	C
TETRACHLOROETHENE	1	U	

nsample	TB-121207
samp_date	12/12/2007
lab_id	A7L140260002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	1	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	UJ	C
VINYL CHLORIDE	1	U	

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: OV

nsample	TB-121407
samp_date	12/14/2007
lab_id	A7L150155002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	1	U	
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,1-DICHLOROPROPENE	1	U	
1,2,3-TRICHLOROBENZENE	0.48	J	P
1,2,3-TRICHLOROPROPANE	1	U	
1,2,3-TRIMETHYLBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	0.24	J	P
1,2,4-TRIMETHYLBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	2	U	
1,2-DIBROMOETHANE	1	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
1,3-DICHLOROBENZENE	1	U	
1,3-DICHLOROPROPANE	1	U	
1,4-DICHLOROBENZENE	1	U	
2,2-DICHLOROPROPANE	1	U	
2-BUTANONE	5	U	
2-CHLOROETHYL VINYL ETHER	5	U	
2-CHLOROTOLUENE	1	U	
2-HEXANONE	5	U	
4-CHLOROTOLUENE	1	U	
4-ISOPROPYLTOLUENE	1	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	5	U	
BENZENE	1	U	
BROMOBENZENE	1	U	
BROMOCHLOROMETHANE	1	U	

nsample	TB-121407
samp_date	12/14/2007
lab_id	A7L150155002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	1	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	1	U	
CHLOROFORM	1	U	
CHLOROMETHANE	1	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
DIISOPROPYL ETHER	5	U	
ETHYL TERT-BUTYL ETHER	5	U	
ETHYLBENZENE	1	U	
HEXACHLOROBUTADIENE	1	U	
ISOPROPYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	1	U	
NAPHTHALENE	0.49	J	P
N-BUTYLBENZENE	1	U	
N-PROPYLBENZENE	1	U	
O-XYLENE	1	U	
SEC-BUTYLBENZENE	1	U	
STYRENE	1	U	
TERT-AMYL METHYL ETHER	5	U	
TERT-BUTYLBENZENE	1	U	
TERTIARY-BUTYL ALCOHOL	20	UR	C
TETRACHLOROETHENE	1	U	

nsample	TB-121407
samp_date	12/14/2007
lab_id	A7L150155002
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOLUENE	1	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: OS

nsample	MW74A-121107	nsample	MW74A-121207	nsample	MW74A-121407
samp_date	12/11/2007	samp_date	12/12/2007	samp_date	12/14/2007
lab_id	A7L120224001	lab_id	A7L140260001	lab_id	A7L150155001
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,4-DIOXANE	10	U	

Parameter	Result	Val Qual	Qual Code
1,4-DIOXANE	10	U	

Parameter	Result	Val Qual	Qual Code
1,4-DIOXANE	10	U	

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: OS

nsample	RW-01I-121107DL
samp_date	12/11/2007
lab_id	A7L120224003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,4-DIOXANE	90		

nsample	RW-01I-121207DL
samp_date	12/12/2007
lab_id	A7L140260003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,4-DIOXANE	210		

nsample	RW-01I121407DL
samp_date	12/14/2007
lab_id	A7L150155003
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,4-DIOXANE	270		

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: M

nsample	MW74A-121107	nsample	MW74A-121207	nsample	MW74A-121407
samp_date	12/11/2007	samp_date	12/12/2007	samp_date	12/14/2007
lab_id	A7L120224001	lab_id	A7L140260001	lab_id	A7L150155001
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.26	B	A
ARSENIC	0.43		
BARIUM	39.3		
BERYLLIUM	2		
CADMIUM	0.54		
CHROMIUM	0.2	B	A
COBALT	31.9	J	I
COPPER	6.7		
LEAD	0.29		
MERCURY	0.1	U	
MOLYBDENUM	0.58	UL	K
NICKEL	13.2		
SELENIUM	1.2	U	
SILVER	0.01	U	
THALLIUM	0.074	B	A
VANADIUM	0.27	U	
ZINC	630		

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.079	B	A
ARSENIC	0.43		
BARIUM	42.6		
BERYLLIUM	2.6		
CADMIUM	0.24		
CHROMIUM	0.14	U	
COBALT	39.9	J	I
COPPER	8.5		
LEAD	0.24		
MERCURY	0.1	U	
MOLYBDENUM	0.58	UL	K
NICKEL	15.4		
SELENIUM	1.4		
SILVER	0.01	U	
THALLIUM	0.054	B	A
VANADIUM	0.27	U	
ZINC	143		

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.055	U	
ARSENIC	0.5		
BARIUM	45.3		
BERYLLIUM	2.8		
CADMIUM	0.23		
CHROMIUM	0.14	U	
COBALT	45.4	J	I
COPPER	9.8		
LEAD	0.22		
MERCURY	0.1	U	
MOLYBDENUM	0.58	UL	K
NICKEL	17		
SELENIUM	1.3		
SILVER	0.01	U	
THALLIUM	0.048	B	A
VANADIUM	0.27	U	
ZINC	91.5		

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: M

nsample	RW-01I-121107	nsample	RW-01I-121207	nsample	RW-01I121407
samp_date	12/11/2007	samp_date	12/12/2007	samp_date	12/14/2007
lab_id	A7L120224003	lab_id	A7L140260003	lab_id	A7L150155003
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.23	B	A
ARSENIC	1.6		
BARIUM	104		
BERYLLIUM	1.5		
CADMIUM	219		
CHROMIUM	1.3	B	A
COBALT	195	J	I
COPPER	7.1		
LEAD	0.14		
MERCURY	0.1	U	
MOLYBDENUM	0.61	L	K
NICKEL	72.7		
SELENIUM	4.6		
SILVER	0.014		
THALLIUM	0.098	B	A
VANADIUM	2.2		
ZINC	233		

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.055	U	
ARSENIC	1.7		
BARIUM	113		
BERYLLIUM	1.9		
CADMIUM	273		
CHROMIUM	1.4	B	A
COBALT	241	J	I
COPPER	20.9		
LEAD	0.09		
MERCURY	0.1	U	
MOLYBDENUM	0.58	UL	K
NICKEL	83.2		
SELENIUM	5.5		
SILVER	0.01	U	
THALLIUM	0.092	B	A
VANADIUM	2.5		
ZINC	281		

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.055	U	
ARSENIC	1.4		
BARIUM	103		
BERYLLIUM	1.9		
CADMIUM	259		
CHROMIUM	1.2	B	A
COBALT	244	J	I
COPPER	22.7		
LEAD	0.078		
MERCURY	0.21		
MOLYBDENUM	0.58	UL	K
NICKEL	79.8		
SELENIUM	4		
SILVER	0.01	U	
THALLIUM	0.098	B	A
VANADIUM	2.7		
ZINC	283		

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: MF

nsample	MW74A-121107	nsample	MW74A-121207	nsample	MW74A-121407
samp_date	12/11/2007	samp_date	12/12/2007	samp_date	12/14/2007
lab_id	A7L120224001	lab_id	A7L140260001	lab_id	A7L150155001
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.059	B	A
ARSENIC	0.52		
BARIUM	38.3		
BERYLLIUM	1.8		
CADMIUM	0.47		
CHROMIUM	0.14	U	
COBALT	31.1	J	I
COPPER	6.5		
LEAD	0.55		
MERCURY	0.1	U	
MOLYBDENUM	0.58	UL	K
NICKEL	12.7		
SELENIUM	1.2		
SILVER	0.01	U	
THALLIUM	0.054	B	A
VANADIUM	0.27	U	
ZINC	622		

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.055	U	
ARSENIC	0.54		
BARIUM	39.7		
BERYLLIUM	2.2		
CADMIUM	0.18		
CHROMIUM	0.14	U	
COBALT	36.9	J	I
COPPER	8		
LEAD	0.25		
MERCURY	0.1	U	
MOLYBDENUM	0.58	UL	K
NICKEL	14		
SELENIUM	1.2	U	
SILVER	0.01	U	
THALLIUM	0.045	B	A
VANADIUM	0.27	U	
ZINC	134		

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.056	B	A
ARSENIC	0.5		
BARIUM	43.7		
BERYLLIUM	2.8		
CADMIUM	0.21		
CHROMIUM	0.14	U	
COBALT	43.9	J	I
COPPER	9.5		
LEAD	0.23		
MERCURY	0.1	U	
MOLYBDENUM	0.58	UL	K
NICKEL	16.4		
SELENIUM	1.2	U	
SILVER	0.01	U	
THALLIUM	0.059	B	A
VANADIUM	0.27	U	
ZINC	91.1		

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: MF

nsample	RW-01I-121107	nsample	RW-01I-121207	nsample	RW-01I121407
samp_date	12/11/2007	samp_date	12/12/2007	samp_date	12/14/2007
lab_id	A7L120224003	lab_id	A7L140260003	lab_id	A7L150155003
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.14	B	A
ARSENIC	1.7		
BARIUM	106		
BERYLLIUM	1.4		
CADMIUM	218		
CHROMIUM	1.2	B	A
COBALT	198	J	I
COPPER	6.6		
LEAD	0.2		
MERCURY	0.1	U	
MOLYBDENUM	0.73	L	K
NICKEL	74.2		
SELENIUM	5		
SILVER	0.01	U	
THALLIUM	0.084	B	A
VANADIUM	2.1		
ZINC	233		

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.44		
ARSENIC	0.8		
BARIUM	113		
BERYLLIUM	1.9		
CADMIUM	267		
CHROMIUM	1.3	B	A
COBALT	242	J	I
COPPER	20.9		
LEAD	0.12		
MERCURY	0.1	U	
MOLYBDENUM	0.58	UL	K
NICKEL	82.7		
SELENIUM	2.9		
SILVER	0.01	U	
THALLIUM	0.09	B	A
VANADIUM	2.5		
ZINC	272		

Parameter	Result	Val Qual	Qual Code
ANTIMONY	0.055	U	
ARSENIC	1		
BARIUM	106		
BERYLLIUM	2		
CADMIUM	267		
CHROMIUM	1.2	B	A
COBALT	254	J	I
COPPER	24		
LEAD	0.19		
MERCURY	0.1	U	
MOLYBDENUM	0.58	UL	K
NICKEL	82.8		
SELENIUM	2.7		
SILVER	0.01	U	
THALLIUM	0.1	B	A
VANADIUM	2.6		
ZINC	370		

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: MISC

nsample	MW74A-121107	nsample	MW74A-121207	nsample	MW74A-121407
samp_date	12/11/2007	samp_date	12/12/2007	samp_date	12/14/2007
lab_id	A7L120224001	lab_id	A7L140260001	lab_id	A7L150155001
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
PH	S.U.	5.1		

Parameter	units	Result	Val Qual	Qual Code
PH	S.U.	5		

Parameter	units	Result	Val Qual	Qual Code
PH	S.U.	4.8		

PROJ_NO: 00886

SDG: 7L12224 MEDIA: WATER DATA FRACTION: MISC

nsample	RW-01I-121107	nsample	RW-01I-121207	nsample	RW-01I121407
samp_date	12/11/2007	samp_date	12/12/2007	samp_date	12/14/2007
lab_id	A7L120224003	lab_id	A7L140260003	lab_id	A7L150155003
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
PH	S.U.	4.8		

Parameter	units	Result	Val Qual	Qual Code
PH	S.U.	4.7		

Parameter	units	Result	Val Qual	Qual Code
PH	S.U.	4.6		

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

Tetra Tech NUS, Inc

Client Sample ID: MW74A-121107

GC/MS Volatiles

Lot-Sample #...: A7L120224-001 **Work Order #...:** KD05R1CF **Matrix.....:** WG
Date Sampled...: 12/11/07 12:00 **Date Received..:** 12/12/07
Prep Date.....: 12/20/07 **Analysis Date..:** 12/20/07
Prep Batch #...: 7354500
Dilution Factor: 1666.67 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	8300	ug/L	1800
Bromobenzene	ND	1700	ug/L	220
Bromochloromethane	ND	1700	ug/L	480
Bromodichloromethane	ND	1700	ug/L	250
2-Butanone	ND	8300	ug/L	950
n-Butylbenzene	ND	1700	ug/L	200
sec-Butylbenzene	ND	1700	ug/L	220
tert-Butylbenzene	ND	1700	ug/L	220
Carbon disulfide	ND	1700	ug/L	220
Dibromochloromethane	ND	1700	ug/L	300
1,2-Dibromo-3-chloro-propane	ND	3300	ug/L	1100
2-Chloroethyl vinyl ether	ND	8300	ug/L	1700
2-Chlorotoluene	ND	1700	ug/L	180
4-Chlorotoluene	ND	1700	ug/L	300
1,2-Dibromoethane	ND	1700	ug/L	400
Dibromomethane	ND	1700	ug/L	470
1,2-Dichlorobenzene	ND	1700	ug/L	220
1,3-Dichlorobenzene	ND	1700	ug/L	230
1,4-Dichlorobenzene	ND	1700	ug/L	220
Dichlorodifluoromethane	ND	1700	ug/L	520
cis-1,2-Dichloroethene	**2800**	**1700**	**ug/L**	**280**
trans-1,2-Dichloroethene	ND	1700	ug/L	320
1,3-Dichloropropane	ND	1700	ug/L	270
2,2-Dichloropropane	ND	1700	ug/L	220
1,1-Dichloropropene	ND	1700	ug/L	220
Trichlorofluoromethane	ND	1700	ug/L	350
Hexachlorobutadiene	ND	1700	ug/L	500
2-Hexanone	ND	8300	ug/L	680
Isopropylbenzene	ND	1700	ug/L	220
p-Isopropyltoluene	ND	1700	ug/L	200
tert-Butyl alcohol	ND	33000	ug/L	6500
4-Methyl-2-pentanone	ND	8300	ug/L	530
Naphthalene	ND	1700	ug/L	400
n-Propylbenzene	ND	1700	ug/L	230
Styrene	ND	1700	ug/L	180
1,1,1,2-Tetrachloroethane	ND	1700	ug/L	380
1,2,3-Trichlorobenzene	ND	1700	ug/L	280

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Tetra Tech NUS, Inc

Client Sample ID: MW74A-121107

GC/MS Volatiles

Lot-Sample #...: A7L120224-001 **Work Order #...:** KD05R1CF **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trichloro-benzene	ND	1700	ug/L	250
1,2,3-Trichloropropane	ND	1700	ug/L	720
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1700	ug/L	470
1,2,4-Trimethylbenzene	ND	1700	ug/L	200
Vinyl acetate	ND	3300	ug/L	320
o-Xylene	ND	1700	ug/L	230
Xylenes (total)	ND	3300	ug/L	470
Methyl tert-butyl ether	ND	8300	ug/L	280
m-Xylene & p-Xylene	ND	3300	ug/L	400
1,2,3-Trimethylbenzene	ND	8300	ug/L	9.8
Diisopropyl Ether (DIPE)	ND	8300	ug/L	2500
Ethyl-t-Butyl Ether (ETBE)	ND	8300	ug/L	180
Tert-amyl methyl ether (TAME)	ND	8300	ug/L	110
Benzene	ND	1700	ug/L	220
Bromoform	ND	1700	ug/L	1100
Bromomethane	ND	1700	ug/L	680
Carbon tetrachloride	ND	1700	ug/L	220
Chlorobenzene	ND	1700	ug/L	250
Chloroethane	ND	1700	ug/L	480
Chloroform	ND	1700	ug/L	270
Chloromethane	ND	1700	ug/L	500
1,1-Dichloroethane	ND	1700	ug/L	250
1,2-Dichloroethane	ND	1700	ug/L	370
1,1-Dichloroethene	ND	1700	ug/L	320
1,2-Dichloropropane	ND	1700	ug/L	300
cis-1,3-Dichloropropene	ND	1700	ug/L	230
trans-1,3-Dichloropropene	ND	1700	ug/L	320
Ethylbenzene	ND	1700	ug/L	280
Methylene chloride	ND	1700	ug/L	550
1,1,2,2-Tetrachloroethane	ND	1700	ug/L	300
Tetrachloroethene	ND	1700	ug/L	480
Toluene	ND	1700	ug/L	220
1,1,1-Trichloroethane	ND	1700	ug/L	370
Trichloroethene	**64000**	**1700**	**ug/L**	**280**
Vinyl chloride	ND	1700	ug/L	370

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
1,2-Dichloroethane-d4	88	(61 - 128)
Toluene-d8	89	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

Tetra Tech NUS, Inc

Client Sample ID: MW74A-121207

GC/MS Volatiles

Lot-Sample #...: A7L140260-001 **Work Order #...:** KD7CM1CF **Matrix.....:** WG
Date Sampled...: 12/12/07 21:00 **Date Received..:** 12/14/07
Prep Date.....: 12/21/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7358112
Dilution Factor: 1666.67 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	8300	ug/L	1800
Bromobenzene	ND	1700	ug/L	220
Bromochloromethane	ND	1700	ug/L	480
Bromodichloromethane	ND	1700	ug/L	250
2-Butanone	ND	8300	ug/L	950
n-Butylbenzene	ND	1700	ug/L	200
sec-Butylbenzene	ND	1700	ug/L	220
tert-Butylbenzene	ND	1700	ug/L	220
Carbon disulfide	ND	1700	ug/L	220
Dibromochloromethane	ND	1700	ug/L	300
1,2-Dibromo-3-chloro-propane	ND	3300	ug/L	1100
2-Chloroethyl vinyl ether	ND	8300	ug/L	1700
2-Chlorotoluene	ND	1700	ug/L	180
4-Chlorotoluene	ND	1700	ug/L	300
1,2-Dibromoethane	ND	1700	ug/L	400
Dibromomethane	ND	1700	ug/L	470
1,2-Dichlorobenzene	ND	1700	ug/L	220
1,3-Dichlorobenzene	ND	1700	ug/L	230
1,4-Dichlorobenzene	ND	1700	ug/L	220
Dichlorodifluoromethane	ND	1700	ug/L	520
cis-1,2-Dichloroethene	**2300**	**1700**	**ug/L**	**280**
trans-1,2-Dichloroethene	ND	1700	ug/L	320
1,3-Dichloropropane	ND	1700	ug/L	270
2,2-Dichloropropane	ND	1700	ug/L	220
1,1-Dichloropropene	ND	1700	ug/L	220
Trichlorofluoromethane	ND	1700	ug/L	350
Hexachlorobutadiene	ND	1700	ug/L	500
2-Hexanone	ND	8300	ug/L	680
Isopropylbenzene	ND	1700	ug/L	220
p-Isopropyltoluene	ND	1700	ug/L	200
tert-Butyl alcohol	ND	33000	ug/L	6500
4-Methyl-2-pentanone	ND	8300	ug/L	530
Naphthalene	ND	1700	ug/L	400
n-Propylbenzene	ND	1700	ug/L	230
Styrene	ND	1700	ug/L	180
1,1,1,2-Tetrachloroethane	ND	1700	ug/L	380
1,2,3-Trichlorobenzene	ND	1700	ug/L	280

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Tetra Tech NUS, Inc

Client Sample ID: **MW74A-121207**

GC/MS Volatiles

Lot-Sample #...: A7L140260-001 **Work Order #...:** KD7CM1CF **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trichloro-benzene	ND	1700	ug/L	250
1,2,3-Trichloropropane	ND	1700	ug/L	720
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1700	ug/L	470
1,2,4-Trimethylbenzene	ND	1700	ug/L	200
Vinyl acetate	ND	3300	ug/L	320
o-Xylene	ND	1700	ug/L	230
Xylenes (total)	ND	3300	ug/L	470
Methyl tert-butyl ether	ND	8300	ug/L	280
m-Xylene & p-Xylene	ND	3300	ug/L	400
1,2,3-Trimethylbenzene	ND	8300	ug/L	9.8
Diisopropyl Ether (DIPE)	ND	8300	ug/L	2500
Ethyl-t-Butyl Ether (ETBE)	ND	8300	ug/L	180
Tert-amyl methyl ether (TAME)	ND	8300	ug/L	110
Benzene	ND	1700	ug/L	220
Bromoform	ND	1700	ug/L	1100
Bromomethane	ND	1700	ug/L	680
Carbon tetrachloride	ND	1700	ug/L	220
Chlorobenzene	ND	1700	ug/L	250
Chloroethane	ND	1700	ug/L	480
Chloroform	ND	1700	ug/L	270
Chloromethane	ND	1700	ug/L	500
1,1-Dichloroethane	ND	1700	ug/L	250
1,2-Dichloroethane	ND	1700	ug/L	370
1,1-Dichloroethene	ND	1700	ug/L	320
1,2-Dichloropropane	ND	1700	ug/L	300
cis-1,3-Dichloropropene	ND	1700	ug/L	230
trans-1,3-Dichloropropene	ND	1700	ug/L	320
Ethylbenzene	ND	1700	ug/L	280
Methylene chloride	ND	1700	ug/L	550
1,1,2,2-Tetrachloroethane	ND	1700	ug/L	300
Tetrachloroethene	ND	1700	ug/L	480
Toluene	ND	1700	ug/L	220
1,1,1-Trichloroethane	ND	1700	ug/L	370
Trichloroethene	**64000**	**1700**	**ug/L**	**280**
Vinyl chloride	ND	1700	ug/L	370

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(73 - 122)
1,2-Dichloroethane-d4	87	(61 - 128)
Toluene-d8	95	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

Tetra Tech NUS, Inc

Client Sample ID: MW74A-121407

GC/MS Volatiles

Lot-Sample #...: A7L150155-001 **Work Order #...:** KD88H1AA **Matrix.....:** WG
Date Sampled...: 12/14/07 08:30 **Date Received..:** 12/15/07
Prep Date.....: 12/26/07 **Analysis Date..:** 12/26/07
Prep Batch #...: 7361128
Dilution Factor: 2000 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromobenzene	ND	2000	ug/L	260
Bromochloromethane	ND	2000	ug/L	580
2-Chloroethyl vinyl ether	ND	10000	ug/L	2000
2-Butanone	ND	10000	ug/L	1100
Xylenes (total)	ND	4000	ug/L	560
1,2,3-Trichloropropane	ND	2000	ug/L	860
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2000	ug/L	560
cis-1,2-Dichloroethene	**2100**	**2000**	**ug/L**	**340**
trans-1,2-Dichloroethene	ND	2000	ug/L	380
o-Xylene	ND	2000	ug/L	280
m-Xylene & p-Xylene	ND	4000	ug/L	480
Isopropylbenzene	ND	2000	ug/L	260
1,2-Dibromo-3-chloropropane	ND	4000	ug/L	1300
Dichlorodifluoromethane	ND	2000	ug/L	620
Trichlorofluoromethane	ND	2000	ug/L	420
Acetone	ND	10000	ug/L	2200
Bromodichloromethane	ND	2000	ug/L	300
n-Butylbenzene	ND	2000	ug/L	240
sec-Butylbenzene	ND	2000	ug/L	260
tert-Butylbenzene	ND	2000	ug/L	260
Carbon disulfide	ND	2000	ug/L	260
Dibromochloromethane	ND	2000	ug/L	360
2-Chlorotoluene	ND	2000	ug/L	220
4-Chlorotoluene	ND	2000	ug/L	360
1,2-Dibromoethane	ND	2000	ug/L	480
Dibromomethane	ND	2000	ug/L	560
1,2-Dichlorobenzene	ND	2000	ug/L	260
1,3-Dichlorobenzene	ND	2000	ug/L	280
1,4-Dichlorobenzene	ND	2000	ug/L	260
1,3-Dichloropropane	ND	2000	ug/L	320
2,2-Dichloropropane	ND	2000	ug/L	260
1,1-Dichloropropene	ND	2000	ug/L	260
Hexachlorobutadiene	ND	2000	ug/L	600
2-Hexanone	ND	10000	ug/L	820
p-Isopropyltoluene	ND	2000	ug/L	240
tert-Butyl alcohol	ND	40000	ug/L	7800

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Tetra Tech NUS, Inc

Client Sample ID: MW74A-121407

GC/MS Volatiles

Lot-Sample #...: A7L150155-001 **Work Order #...:** KD88H1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methyl-2-pentanone	ND	10000	ug/L	640
Naphthalene	ND	2000	ug/L	480
n-Propylbenzene	ND	2000	ug/L	280
Styrene	ND	2000	ug/L	220
1,1,1,2-Tetrachloroethane	ND	2000	ug/L	460
1,2,3-Trichlorobenzene	ND	2000	ug/L	340
1,2,4-Trichloro-benzene	ND	2000	ug/L	300
1,2,4-Trimethylbenzene	ND	2000	ug/L	240
Vinyl acetate	ND	4000	ug/L	380
1,2,3-Trimethylbenzene	ND	10000	ug/L	12
Diisopropyl Ether (DIPE)	ND	10000	ug/L	3000
Ethyl-t-Butyl Ether (ETBE)	ND	10000	ug/L	220
Tert-amyl methyl ether (TAME)	ND	10000	ug/L	130
Methyl tert-butyl ether	ND	10000	ug/L	340
Benzene	ND	2000	ug/L	260
Bromoform	ND	2000	ug/L	1300
Bromomethane	ND	2000	ug/L	820
Carbon tetrachloride	ND	2000	ug/L	260
Chlorobenzene	ND	2000	ug/L	300
Chloroethane	ND	2000	ug/L	580
Chloroform	ND	2000	ug/L	320
Chloromethane	ND	2000	ug/L	600
1,1-Dichloroethane	ND	2000	ug/L	300
1,2-Dichloroethane	ND	2000	ug/L	440
1,1-Dichloroethene	ND	2000	ug/L	380
1,2-Dichloropropane	ND	2000	ug/L	360
cis-1,3-Dichloropropene	ND	2000	ug/L	280
trans-1,3-Dichloropropene	ND	2000	ug/L	380
Ethylbenzene	ND	2000	ug/L	340
Methylene chloride	ND	2000	ug/L	660
1,1,2,2-Tetrachloroethane	ND	2000	ug/L	360
Tetrachloroethene	ND	2000	ug/L	580
Toluene	ND	2000	ug/L	260
1,1,1-Trichloroethane	ND	2000	ug/L	440
Trichloroethene	**68000**	**2000**	**ug/L**	**340**
Vinyl chloride	ND	2000	ug/L	440

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(73 - 122)
1,2-Dichloroethane-d4	79	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	82	(74 - 116)

Tetra Tech NUS, Inc

Client Sample ID: RW-01I-121107

GC/MS Volatiles

Lot-Sample #...: A7L120224-003 **Work Order #...:** KD0811CF **Matrix.....:** WG
Date Sampled...: 12/11/07 12:30 **Date Received..:** 12/12/07
Prep Date.....: 12/20/07 **Analysis Date..:** 12/20/07
Prep Batch #...: 7354500
Dilution Factor: 416.67 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2100	ug/L	460
Bromobenzene	ND	420	ug/L	54
Bromochloromethane	ND	420	ug/L	120
Bromodichloromethane	ND	420	ug/L	63
2-Butanone	ND	2100	ug/L	240
n-Butylbenzene	ND	420	ug/L	50
sec-Butylbenzene	ND	420	ug/L	54
tert-Butylbenzene	ND	420	ug/L	54
Carbon disulfide	ND	420	ug/L	54
Dibromochloromethane	ND	420	ug/L	75
1,2-Dibromo-3-chloro-propane	ND	830	ug/L	280
2-Chloroethyl vinyl ether	ND	2100	ug/L	410
2-Chlorotoluene	ND	420	ug/L	46
4-Chlorotoluene	ND	420	ug/L	75
1,2-Dibromoethane	ND	420	ug/L	100
Dibromomethane	ND	420	ug/L	120
1,2-Dichlorobenzene	ND	420	ug/L	54
1,3-Dichlorobenzene	ND	420	ug/L	58
1,4-Dichlorobenzene	ND	420	ug/L	54
Dichlorodifluoromethane	ND	420	ug/L	130
cis-1,2-Dichloroethene	**1100**	**420**	**ug/L**	**71**
trans-1,2-Dichloroethene	ND	420	ug/L	79
1,3-Dichloropropane	ND	420	ug/L	67
2,2-Dichloropropane	ND	420	ug/L	54
1,1-Dichloropropene	ND	420	ug/L	54
Trichlorofluoromethane	ND	420	ug/L	88
Hexachlorobutadiene	ND	420	ug/L	130
2-Hexanone	ND	2100	ug/L	170
Isopropylbenzene	ND	420	ug/L	54
p-Isopropyltoluene	ND	420	ug/L	50
tert-Butyl alcohol	ND	8300	ug/L	1600
4-Methyl-2-pentanone	ND	2100	ug/L	130
Naphthalene	ND	420	ug/L	100
n-Propylbenzene	ND	420	ug/L	58
Styrene	ND	420	ug/L	46
1,1,1,2-Tetrachloroethane	ND	420	ug/L	96
1,2,3-Trichlorobenzene	ND	420	ug/L	71

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Tetra Tech NUS, Inc

Client Sample ID: RW-01I-121107

GC/MS Volatiles

Lot-Sample #...: A7L120224-003 **Work Order #...:** KD0811CF **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trichloro-benzene	**150 J,B**	**420**	**ug/L**	**63**
1,2,3-Trichloropropane	ND	420	ug/L	180
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	420	ug/L	120
1,2,4-Trimethylbenzene	ND	420	ug/L	50
Vinyl acetate	ND	830	ug/L	79
o-Xylene	ND	420	ug/L	58
Xylenes (total)	ND	830	ug/L	120
Methyl tert-butyl ether	ND	2100	ug/L	71
m-Xylene & p-Xylene	ND	830	ug/L	100
1,2,3-Trimethylbenzene	ND	2100	ug/L	2.5
Diisopropyl Ether (DIPE)	ND	2100	ug/L	630
Ethyl-t-Butyl Ether (ETBE)	ND	2100	ug/L	46
Tert-amyl methyl ether (TAME)	ND	2100	ug/L	28
Benzene	ND	420	ug/L	54
Bromoform	ND	420	ug/L	270
Bromomethane	ND	420	ug/L	170
Carbon tetrachloride	ND	420	ug/L	54
Chlorobenzene	ND	420	ug/L	63
Chloroethane	ND	420	ug/L	120
Chloroform	ND	420	ug/L	67
Chloromethane	ND	420	ug/L	130
1,1-Dichloroethane	ND	420	ug/L	63
1,2-Dichloroethane	**100 J**	**420**	**ug/L**	**92**
1,1-Dichloroethene	ND	420	ug/L	79
1,2-Dichloropropane	ND	420	ug/L	75
cis-1,3-Dichloropropene	ND	420	ug/L	58
trans-1,3-Dichloropropene	ND	420	ug/L	79
Ethylbenzene	ND	420	ug/L	71
Methylene chloride	ND	420	ug/L	140
1,1,2,2-Tetrachloroethane	ND	420	ug/L	75
Tetrachloroethene	ND	420	ug/L	120
Toluene	ND	420	ug/L	54
1,1,1-Trichloroethane	ND	420	ug/L	92
Trichloroethene	**9600**	**420**	**ug/L**	**71**
Vinyl chloride	**240 J**	**420**	**ug/L**	**92**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
Toluene-d8	89	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

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Tetra Tech NUS, Inc

Client Sample ID: RW-01I-121107

GC/MS Volatiles

Lot-Sample #...: A7L120224-003 Work Order #...: KD0811CF Matrix.....: WG

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: RW-01I-121207

GC/MS Volatiles

Lot-Sample #...: A7L140260-003 **Work Order #...:** KD7EX1CF **Matrix.....:** WG
Date Sampled...: 12/12/07 22:45 **Date Received..:** 12/14/07
Prep Date.....: 12/21/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7358112
Dilution Factor: 333.33 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1700	ug/L	370
Bromobenzene	ND	330	ug/L	43
Bromochloromethane	ND	330	ug/L	97
Bromodichloromethane	ND	330	ug/L	50
2-Butanone	ND	1700	ug/L	190
n-Butylbenzene	ND	330	ug/L	40
sec-Butylbenzene	ND	330	ug/L	43
tert-Butylbenzene	ND	330	ug/L	43
Carbon disulfide	ND	330	ug/L	43
Dibromochloromethane	ND	330	ug/L	60
1,2-Dibromo-3-chloro-propane	ND	670	ug/L	220
2-Chloroethyl vinyl ether	ND	1700	ug/L	330
2-Chlorotoluene	ND	330	ug/L	37
4-Chlorotoluene	ND	330	ug/L	60
1,2-Dibromoethane	ND	330	ug/L	80
Dibromomethane	ND	330	ug/L	93
1,2-Dichlorobenzene	ND	330	ug/L	43
1,3-Dichlorobenzene	ND	330	ug/L	47
1,4-Dichlorobenzene	ND	330	ug/L	43
Dichlorodifluoromethane	ND	330	ug/L	100
cis-1,2-Dichloroethene	**1500**	**330**	**ug/L**	**57**
trans-1,2-Dichloroethene	ND	330	ug/L	63
1,3-Dichloropropane	ND	330	ug/L	53
2,2-Dichloropropane	ND	330	ug/L	43
1,1-Dichloropropene	ND	330	ug/L	43
Trichlorofluoromethane	ND	330	ug/L	70
Hexachlorobutadiene	ND	330	ug/L	100
2-Hexanone	ND	1700	ug/L	140
Isopropylbenzene	ND	330	ug/L	43
p-Isopropyltoluene	ND	330	ug/L	40
tert-Butyl alcohol	ND	6700	ug/L	1300
4-Methyl-2-pentanone	ND	1700	ug/L	110
Naphthalene	ND	330	ug/L	80
n-Propylbenzene	ND	330	ug/L	47
Styrene	ND	330	ug/L	37
1,1,1,2-Tetrachloroethane	ND	330	ug/L	77
1,2,3-Trichlorobenzene	ND	330	ug/L	57

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: RW-01I-121207

GC/MS Volatiles

Lot-Sample #...: A7L140260-003 **Work Order #...:** KD7EX1CF **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trichloro-benzene	**240 J,B**	**330**	**ug/L**	**50**
1,2,3-Trichloropropane	ND	330	ug/L	140
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	330	ug/L	93
1,2,4-Trimethylbenzene	ND	330	ug/L	40
Vinyl acetate	ND	670	ug/L	63
o-Xylene	ND	330	ug/L	47
Xylenes (total)	ND	670	ug/L	93
Methyl tert-butyl ether	ND	1700	ug/L	57
m-Xylene & p-Xylene	ND	670	ug/L	80
1,2,3-Trimethylbenzene	ND	1700	ug/L	2.0
Diisopropyl Ether (DIPE)	ND	1700	ug/L	500
Ethyl-t-Butyl Ether (ETBE)	ND	1700	ug/L	37
Tert-amyl methyl ether (TAME)	ND	1700	ug/L	22
Benzene	ND	330	ug/L	43
Bromoform	ND	330	ug/L	210
Bromomethane	ND	330	ug/L	140
Carbon tetrachloride	ND	330	ug/L	43
Chlorobenzene	ND	330	ug/L	50
Chloroethane	ND	330	ug/L	97
Chloroform	ND	330	ug/L	53
Chloromethane	ND	330	ug/L	100
1,1-Dichloroethane	ND	330	ug/L	50
1,2-Dichloroethane	**85 J**	**330**	**ug/L**	**73**
1,1-Dichloroethene	ND	330	ug/L	63
1,2-Dichloropropane	ND	330	ug/L	60
cis-1,3-Dichloropropene	ND	330	ug/L	47
trans-1,3-Dichloropropene	ND	330	ug/L	63
Ethylbenzene	ND	330	ug/L	57
Methylene chloride	ND	330	ug/L	110
1,1,2,2-Tetrachloroethane	ND	330	ug/L	60
Tetrachloroethene	ND	330	ug/L	97
Toluene	ND	330	ug/L	43
1,1,1-Trichloroethane	ND	330	ug/L	73
Trichloroethene	**11000**	**330**	**ug/L**	**57**
Vinyl chloride	**260 J**	**330**	**ug/L**	**73**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(73 - 122)
1,2-Dichloroethane-d4	85	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

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Tetra Tech NUS, Inc

Client Sample ID: RW-01I-121207

GC/MS Volatiles

Lot-Sample #...: A7L140260-003 Work Order #...: KD7EX1CF Matrix.....: WG

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: RW-01I121407

GC/MS Volatiles

Lot-Sample #...: A7L150155-003 **Work Order #...:** KD88Q1AM **Matrix.....:** WG
Date Sampled...: 12/14/07 10:40 **Date Received..:** 12/15/07
Prep Date.....: 12/26/07 **Analysis Date..:** 12/26/07
Prep Batch #...: 7361128
Dilution Factor: 416.67 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromobenzene	ND	420	ug/L	54
Bromochloromethane	ND	420	ug/L	120
2-Chloroethyl vinyl ether	ND	2100	ug/L	410
2-Butanone	ND	2100	ug/L	240
Xylenes (total)	ND	830	ug/L	120
1,2,3-Trichloropropane	ND	420	ug/L	180
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	420	ug/L	120
cis-1,2-Dichloroethene	**1700**	**420**	**ug/L**	**71**
trans-1,2-Dichloroethene	ND	420	ug/L	79
o-Xylene	ND	420	ug/L	58
m-Xylene & p-Xylene	ND	830	ug/L	100
Isopropylbenzene	ND	420	ug/L	54
1,2-Dibromo-3-chloropropane	ND	830	ug/L	280
Dichlorodifluoromethane	ND	420	ug/L	130
Trichlorofluoromethane	ND	420	ug/L	88
Acetone	ND	2100	ug/L	460
Bromodichloromethane	ND	420	ug/L	63
n-Butylbenzene	ND	420	ug/L	50
sec-Butylbenzene	ND	420	ug/L	54
tert-Butylbenzene	ND	420	ug/L	54
Carbon disulfide	ND	420	ug/L	54
Dibromochloromethane	ND	420	ug/L	75
2-Chlorotoluene	ND	420	ug/L	46
4-Chlorotoluene	ND	420	ug/L	75
1,2-Dibromoethane	ND	420	ug/L	100
Dibromomethane	ND	420	ug/L	120
1,2-Dichlorobenzene	ND	420	ug/L	54
1,3-Dichlorobenzene	ND	420	ug/L	58
1,4-Dichlorobenzene	ND	420	ug/L	54
1,3-Dichloropropane	ND	420	ug/L	67
2,2-Dichloropropane	ND	420	ug/L	54
1,1-Dichloropropene	ND	420	ug/L	54
Hexachlorobutadiene	ND	420	ug/L	130
2-Hexanone	ND	2100	ug/L	170
p-Isopropyltoluene	ND	420	ug/L	50
tert-Butyl alcohol	ND	8300	ug/L	1600

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: RW-01I121407

GC/MS Volatiles

Lot-Sample #...: A7L150155-003 **Work Order #...:** KD88Q1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methyl-2-pentanone	ND	2100	ug/L	130
Naphthalene	ND	420	ug/L	100
n-Propylbenzene	ND	420	ug/L	58
Styrene	ND	420	ug/L	46
1,1,1,2-Tetrachloroethane	ND	420	ug/L	96
1,2,3-Trichlorobenzene	ND	420	ug/L	71
1,2,4-Trichloro-benzene	**240 J,B**	**420**	**ug/L**	**63**
1,2,4-Trimethylbenzene	ND	420	ug/L	50
Vinyl acetate	ND	830	ug/L	79
1,2,3-Trimethylbenzene	ND	2100	ug/L	2.5
Diisopropyl Ether (DIPE)	ND	2100	ug/L	630
Ethyl-t-Butyl Ether (ETBE)	ND	2100	ug/L	46
Tert-amyl methyl ether (TAME)	ND	2100	ug/L	28
Methyl tert-butyl ether	ND	2100	ug/L	71
Benzene	ND	420	ug/L	54
Bromoform	ND	420	ug/L	270
Bromomethane	ND	420	ug/L	170
Carbon tetrachloride	ND	420	ug/L	54
Chlorobenzene	ND	420	ug/L	63
Chloroethane	ND	420	ug/L	120
Chloroform	ND	420	ug/L	67
Chloromethane	ND	420	ug/L	130
1,1-Dichloroethane	ND	420	ug/L	63
1,2-Dichloroethane	ND	420	ug/L	92
1,1-Dichloroethene	ND	420	ug/L	79
1,2-Dichloropropane	ND	420	ug/L	75
cis-1,3-Dichloropropene	ND	420	ug/L	58
trans-1,3-Dichloropropene	ND	420	ug/L	79
Ethylbenzene	ND	420	ug/L	71
Methylene chloride	ND	420	ug/L	140
1,1,2,2-Tetrachloroethane	ND	420	ug/L	75
Tetrachloroethene	ND	420	ug/L	120
Toluene	ND	420	ug/L	54
1,1,1-Trichloroethane	ND	420	ug/L	92
Trichloroethene	**13000**	**420**	**ug/L**	**71**
Vinyl chloride	**320 J**	**420**	**ug/L**	**92**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(73 - 122)
1,2-Dichloroethane-d4	79	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	81	(74 - 116)

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Tetra Tech NUS, Inc

Client Sample ID: RW-01I121407

GC/MS Volatiles

Lot-Sample #...: A7L150155-003 Work Order #...: KD88Q1AM Matrix.....: WG

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: TB-121107

GC/MS Volatiles

Lot-Sample #...: A7L120224-002 **Work Order #...:** KD08T1AA **Matrix.....:** WQ
Date Sampled...: 12/11/07 **Date Received..:** 12/12/07
Prep Date.....: 12/20/07 **Analysis Date..:** 12/20/07
Prep Batch #...: 7354500
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	1.1
Bromobenzene	ND	1.0	ug/L	0.13
Bromochloromethane	ND	1.0	ug/L	0.29
Bromodichloromethane	ND	1.0	ug/L	0.15
2-Butanone	ND	5.0	ug/L	0.57
n-Butylbenzene	ND	1.0	ug/L	0.12
sec-Butylbenzene	ND	1.0	ug/L	0.13
tert-Butylbenzene	ND	1.0	ug/L	0.13
Carbon disulfide	ND	1.0	ug/L	0.13
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
2-Chloroethyl vinyl ether	ND	5.0	ug/L	0.99
2-Chlorotoluene	ND	1.0	ug/L	0.11
4-Chlorotoluene	ND	1.0	ug/L	0.18
1,2-Dibromoethane	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,3-Dichloropropane	ND	1.0	ug/L	0.16
2,2-Dichloropropane	ND	1.0	ug/L	0.13
1,1-Dichloropropene	ND	1.0	ug/L	0.13
Trichlorofluoromethane	ND	1.0	ug/L	0.21
Hexachlorobutadiene	ND	1.0	ug/L	0.30
2-Hexanone	ND	5.0	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
p-Isopropyltoluene	ND	1.0	ug/L	0.12
tert-Butyl alcohol	ND	20	ug/L	3.9
4-Methyl-2-pentanone	ND	5.0	ug/L	0.32
Naphthalene	**0.63 J,B**	**1.0**	**ug/L**	**0.24**
n-Propylbenzene	ND	1.0	ug/L	0.14
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,2,3-Trichlorobenzene	**0.51 J,B**	**1.0**	**ug/L**	**0.17**

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Tetra Tech NUS, Inc

Client Sample ID: TB-121107

GC/MS Volatiles

Lot-Sample #...: A7L120224-002 **Work Order #...:** KD08T1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trichloro-benzene	**0.27 J,B**	**1.0**	**ug/L**	**0.15**
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
Vinyl acetate	ND	2.0	ug/L	0.19
o-Xylene	ND	1.0	ug/L	0.14
Xylenes (total)	ND	2.0	ug/L	0.28
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
m-Xylene & p-Xylene	ND	2.0	ug/L	0.24
1,2,3-Trimethylbenzene	ND	5.0	ug/L	0.0059
Diisopropyl Ether (DIPE)	ND	5.0	ug/L	1.5
Ethyl-t-Butyl Ether (ETBE)	ND	5.0	ug/L	0.11
Tert-amyl methyl ether (TAME)	ND	5.0	ug/L	0.067
Benzene	ND	1.0	ug/L	0.13
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**0.22 J**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.33
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
Toluene-d8	89	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

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Tetra Tech NUS, Inc

Client Sample ID: TB-121107

GC/MS Volatiles

Lot-Sample #...: A7L120224-002 Work Order #...: KD08T1AA Matrix.....: WQ

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: TB-121207

GC/MS Volatiles

Lot-Sample #...: A7L140260-002 **Work Order #...:** KD7DD1AA **Matrix.....:** WQ
Date Sampled...: 12/12/07 **Date Received..:** 12/14/07
Prep Date.....: 12/21/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7358112
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**1.5 J**	**5.0**	**ug/L**	**1.1**
Bromobenzene	ND	1.0	ug/L	0.13
Bromochloromethane	ND	1.0	ug/L	0.29
Bromodichloromethane	ND	1.0	ug/L	0.15
2-Butanone	ND	5.0	ug/L	0.57
n-Butylbenzene	ND	1.0	ug/L	0.12
sec-Butylbenzene	ND	1.0	ug/L	0.13
tert-Butylbenzene	ND	1.0	ug/L	0.13
Carbon disulfide	ND	1.0	ug/L	0.13
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.67
2-Chloroethyl vinyl ether	ND	5.0	ug/L	0.99
2-Chlorotoluene	ND	1.0	ug/L	0.11
4-Chlorotoluene	ND	1.0	ug/L	0.18
1,2-Dibromoethane	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,3-Dichloropropane	ND	1.0	ug/L	0.16
2,2-Dichloropropane	ND	1.0	ug/L	0.13
1,1-Dichloropropene	ND	1.0	ug/L	0.13
Trichlorofluoromethane	ND	1.0	ug/L	0.21
Hexachlorobutadiene	ND	1.0	ug/L	0.30
2-Hexanone	ND	5.0	ug/L	0.41
Isopropylbenzene	ND	1.0	ug/L	0.13
p-Isopropyltoluene	ND	1.0	ug/L	0.12
tert-Butyl alcohol	ND	20	ug/L	3.9
4-Methyl-2-pentanone	ND	5.0	ug/L	0.32
Naphthalene	ND	1.0	ug/L	0.24
n-Propylbenzene	ND	1.0	ug/L	0.14
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.17

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Tetra Tech NUS, Inc

Client Sample ID: TB-121207

GC/MS Volatiles

Lot-Sample #...: A7L140260-002 **Work Order #...:** KD7DD1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.15
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
Vinyl acetate	ND	2.0	ug/L	0.19
o-Xylene	ND	1.0	ug/L	0.14
Xylenes (total)	ND	2.0	ug/L	0.28
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
m-Xylene & p-Xylene	ND	2.0	ug/L	0.24
1,2,3-Trimethylbenzene	ND	5.0	ug/L	0.0059
Diisopropyl Ether (DIPE)	ND	5.0	ug/L	1.5
Ethyl-t-Butyl Ether (ETBE)	ND	5.0	ug/L	0.11
Tert-amyl methyl ether (TAME)	ND	5.0	ug/L	0.067
Benzene	ND	1.0	ug/L	0.13
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.33
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(73 - 122)
1,2-Dichloroethane-d4	85	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: TB-121407

GC/MS Volatiles

Lot-Sample #...: A7L150155-002 **Work Order #...:** KD88N1AA **Matrix.....:** WQ
Date Sampled...: 12/14/07 **Date Received..:** 12/15/07
Prep Date.....: 12/24/07 **Analysis Date..:** 12/24/07
Prep Batch #...: 7360129
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromobenzene	ND	1.0	ug/L	0.13
Bromochloromethane	ND	1.0	ug/L	0.29
2-Chloroethyl vinyl ether	ND	5.0	ug/L	0.99
2-Butanone	ND	5.0	ug/L	0.57
Xylenes (total)	ND	2.0	ug/L	0.28
1,2,3-Trichloropropane	ND	1.0	ug/L	0.43
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
o-Xylene	ND	1.0	ug/L	0.14
m-Xylene & p-Xylene	ND	2.0	ug/L	0.24
Isopropylbenzene	ND	1.0	ug/L	0.13
1,2-Dibromo-3-chloropropane	ND	2.0	ug/L	0.67
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
Trichlorofluoromethane	ND	1.0	ug/L	0.21
Acetone	ND	5.0	ug/L	1.1
Bromodichloromethane	ND	1.0	ug/L	0.15
n-Butylbenzene	ND	1.0	ug/L	0.12
sec-Butylbenzene	ND	1.0	ug/L	0.13
tert-Butylbenzene	ND	1.0	ug/L	0.13
Carbon disulfide	ND	1.0	ug/L	0.13
Dibromochloromethane	ND	1.0	ug/L	0.18
2-Chlorotoluene	ND	1.0	ug/L	0.11
4-Chlorotoluene	ND	1.0	ug/L	0.18
1,2-Dibromoethane	ND	1.0	ug/L	0.24
Dibromomethane	ND	1.0	ug/L	0.28
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichloropropane	ND	1.0	ug/L	0.16
2,2-Dichloropropane	ND	1.0	ug/L	0.13
1,1-Dichloropropene	ND	1.0	ug/L	0.13
Hexachlorobutadiene	ND	1.0	ug/L	0.30
2-Hexanone	ND	5.0	ug/L	0.41
p-Isopropyltoluene	ND	1.0	ug/L	0.12
tert-Butyl alcohol	ND	20	ug/L	3.9

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Tetra Tech NUS, Inc

Client Sample ID: TB-121407

GC/MS Volatiles

Lot-Sample #...: A7L150155-002 Work Order #...: KD88N1AA Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
4-Methyl-2-pentanone	ND	5.0	ug/L	0.32
Naphthalene	**0.49 J,B**	**1.0**	**ug/L**	**0.24**
n-Propylbenzene	ND	1.0	ug/L	0.14
Styrene	ND	1.0	ug/L	0.11
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.23
1,2,3-Trichlorobenzene	**0.48 J,B**	**1.0**	**ug/L**	**0.17**
1,2,4-Trichloro-benzene	**0.24 J,B**	**1.0**	**ug/L**	**0.15**
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
Vinyl acetate	ND	2.0	ug/L	0.19
1,2,3-Trimethylbenzene	ND	5.0	ug/L	0.0059
Diisopropyl Ether (DIPE)	ND	5.0	ug/L	1.5
Ethyl-t-Butyl Ether (ETBE)	ND	5.0	ug/L	0.11
Tert-amyl methyl ether (TAME)	ND	5.0	ug/L	0.067
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Benzene	ND	1.0	ug/L	0.13
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.33
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
Trichloroethene	ND	1.0	ug/L	0.17
Vinyl chloride	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(73 - 122)
1,2-Dichloroethane-d4	79	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

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Tetra Tech NUS, Inc

Client Sample ID: TB-121407

GC/MS Volatiles

Lot-Sample #...: A7L150155-002 Work Order #...: KD88N1AA Matrix.....: WQ

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: MW74A-121107

GC/MS Semivolatiles

Lot-Sample #...: A7L120224-001	**Work Order #...:** KD05R1CG	**Matrix.....:** WG	
Date Sampled...: 12/11/07 12:00	**Date Received..:** 12/12/07		
Prep Date.....: 12/14/07	**Analysis Date..:** 12/26/07		
Prep Batch #...: 7348035			
Dilution Factor: 1	**Initial Wgt/Vol:** 1050 mL	**Final Wgt/Vol..:** 2 mL	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(27 - 111)
2-Fluorobiphenyl	60	(28 - 110)
Terphenyl-d14	71	(37 - 119)
Phenol-d5	18	(10 - 110)
2-Fluorophenol	29	(10 - 110)
2,4,6-Tribromophenol	66	(22 - 120)

Tetra Tech NUS, Inc

Client Sample ID: MW74A-121207

GC/MS Semivolatiles

Lot-Sample #...: A7L140260-001	**Work Order #...:** KD7CM1CG	**Matrix.....:** WG	
Date Sampled...: 12/12/07 21:00	**Date Received..:** 12/14/07		
Prep Date.....: 12/16/07	**Analysis Date..:** 12/27/07		
Prep Batch #...: 7349042			
Dilution Factor: 1	**Initial Wgt/Vol:** 1040 mL	**Final Wgt/Vol..:** 2 mL	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(27 - 111)
2-Fluorobiphenyl	65	(28 - 110)
Terphenyl-d14	81	(37 - 119)
Phenol-d5	65	(10 - 110)
2-Fluorophenol	58	(10 - 110)
2,4,6-Tribromophenol	63	(22 - 120)

Tetra Tech NUS, Inc

Client Sample ID: MW74A-121407

GC/MS Semivolatiles

Lot-Sample #...: A7L150155-001	**Work Order #...:** KD88H1CG	**Matrix.....:** WG	
Date Sampled...: 12/14/07 08:30	**Date Received..:** 12/15/07		
Prep Date.....: 12/17/07	**Analysis Date..:** 12/20/07		
Prep Batch #...: 7351049			
Dilution Factor: 1	**Initial Wgt/Vol:** 1050 mL	**Final Wgt/Vol..:** 2 mL	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	ND	10	ug/L	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(27 - 111)
2-Fluorobiphenyl	69	(28 - 110)
Terphenyl-d14	88	(37 - 119)
Phenol-d5	60	(10 - 110)
2-Fluorophenol	59	(10 - 110)
2,4,6-Tribromophenol	85	(22 - 120)

Tetra Tech NUS, Inc

Client Sample ID: RW-01I-121107

GC/MS Semivolatiles

Lot-Sample #...: A7L120224-003	**Work Order #...:** KD0811CG		**Matrix.....:** WG
Date Sampled...: 12/11/07 12:30	**Date Received..:** 12/12/07		
Prep Date.....: 12/14/07	**Analysis Date..:** 12/27/07		
Prep Batch #...: 7348035			
Dilution Factor: 2	**Initial Wgt/Vol:** 1040 mL		**Final Wgt/Vol..:** 2 mL
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	**90**	**20**	**ug/L**	**2.6**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86 DIL	(27 - 111)
2-Fluorobiphenyl	73 DIL	(28 - 110)
Terphenyl-d14	85 DIL	(37 - 119)
Phenol-d5	22 DIL	(10 - 110)
2-Fluorophenol	38 DIL	(10 - 110)
2,4,6-Tribromophenol	82 DIL	(22 - 120)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Tetra Tech NUS, Inc

Client Sample ID: RW-01I-121207

GC/MS Semivolatiles

Lot-Sample #...: A7L140260-003	**Work Order #...:** KD7EX1CG	**Matrix.....:** WG	
Date Sampled...: 12/12/07 22:45	**Date Received..:** 12/14/07		
Prep Date.....: 12/16/07	**Analysis Date..:** 12/29/07		
Prep Batch #...: 7349042			
Dilution Factor: 5	**Initial Wgt/Vol:** 1050 mL	**Final Wgt/Vol..:** 2 mL	
	Method.....: SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	**210**	**50**	**ug/L**	**6.5**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60 DIL	(27 - 111)
2-Fluorobiphenyl	56 DIL	(28 - 110)
Terphenyl-d14	72 DIL	(37 - 119)
Phenol-d5	55 DIL	(10 - 110)
2-Fluorophenol	54 DIL	(10 - 110)
2,4,6-Tribromophenol	62 DIL	(22 - 120)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Tetra Tech NUS, Inc

Client Sample ID: RW-01I121407

GC/MS Semivolatiles

Lot-Sample #...:	A7L150155-003	**Work Order #...:**	KD88Q1CG	**Matrix.....:**	WG
Date Sampled...:	12/14/07 10:40	**Date Received..:**	12/15/07		
Prep Date.....:	12/17/07	**Analysis Date..:**	12/21/07		
Prep Batch #...:	7351049				
Dilution Factor:	6.66	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	2 mL
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,4-Dioxane	**270**	**67**	**ug/L**	**8.7**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	75 DIL	(27 - 111)
2-Fluorobiphenyl	75 DIL	(28 - 110)
Terphenyl-d14	87 DIL	(37 - 119)
Phenol-d5	65 DIL	(10 - 110)
2-Fluorophenol	68 DIL	(10 - 110)
2,4,6-Tribromophenol	77 DIL	(22 - 120)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD05R **Client ID:** MW74A-121107

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**121**	**0.055**	**2.0**	**0.26**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:12**
Arsenic	**75**	**0.26**	**5.0**	**0.43**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:12**
Barium	**135**	**0.061**	**1.0**	**39.3**		**1**	**ICPMS**	**12/19/2007**	**13:12**
Beryllium	**9**	**0.033**	**1.0**	**2.0**		**1**	**ICPMS**	**12/19/2007**	**13:12**
Cadmium	**111**	**0.019**	**1.0**	**0.54**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:12**
Chromium	**52**	**0.14**	**2.0**	**0.20**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:12**
Cobalt	**59**	**0.022**	**1.0**	**31.9**	**E**	**1**	**ICPMS**	**12/19/2007**	**13:12**
Copper	**65**	**0.056**	**2.0**	**6.7**		**1**	**ICPMS**	**12/19/2007**	**13:12**
Lead	**208**	**0.065**	**1.0**	**0.29**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:12**
Molybdenum	98	0.58	2.0	0.58	UN	1	ICPMS	12/19/2007	13:12
Nickel	**60**	**0.076**	**2.0**	**13.2**		**1**	**ICPMS**	**12/19/2007**	**13:12**
Selenium	82	1.2	5.0	1.2	U	1	ICPMS	12/19/2007	13:12
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	13:12
Thallium	**205**	**0.027**	**1.0**	**0.074**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:12**
Vanadium	51	0.27	20.0	0.27	U	1	ICPMS	12/19/2007	13:12
Zinc	**68**	**0.81**	**20.0**	**630**		**1**	**ICPMS**	**12/19/2007**	**13:12**

Comments: Lot #: A7L120224 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits

U Result is less than the IDL

B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD05R **Client ID:** MW74A-121107

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:38

Comments: Lot #: A7L120224 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD7CM **Client ID:** MW74A-121207

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**121**	**0.055**	**2.0**	**0.079**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:50**
Arsenic	**75**	**0.26**	**5.0**	**0.43**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:50**
Barium	**135**	**0.061**	**1.0**	**42.6**		**1**	**ICPMS**	**12/19/2007**	**13:50**
Beryllium	**9**	**0.033**	**1.0**	**2.6**		**1**	**ICPMS**	**12/19/2007**	**13:50**
Cadmium	**111**	**0.019**	**1.0**	**0.24**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:50**
Chromium	52	0.14	2.0	0.14	U	1	ICPMS	12/19/2007	13:50
Cobalt	**59**	**0.022**	**1.0**	**39.9**	**E**	**1**	**ICPMS**	**12/19/2007**	**13:50**
Copper	**65**	**0.056**	**2.0**	**8.5**		**1**	**ICPMS**	**12/19/2007**	**13:50**
Lead	**208**	**0.065**	**1.0**	**0.24**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:50**
Molybdenum	98	0.58	2.0	0.58	UN	1	ICPMS	12/19/2007	13:50
Nickel	**60**	**0.076**	**2.0**	**15.4**		**1**	**ICPMS**	**12/19/2007**	**13:50**
Selenium	**82**	**1.2**	**5.0**	**1.4**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:50**
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	13:50
Thallium	**205**	**0.027**	**1.0**	**0.054**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:50**
Vanadium	51	0.27	20.0	0.27	U	1	ICPMS	12/19/2007	13:50
Zinc	**68**	**0.81**	**20.0**	**143**		**1**	**ICPMS**	**12/19/2007**	**13:50**

Comments: Lot #: A7L140260 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD7CM **Client ID:** MW74A-121207

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:46

Comments: Lot #: A7L140260 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD88H **Client ID:** MW74A-121407

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.055	2.0	0.055	U	1	ICPMS	12/19/2007	14:05
Arsenic	**75**	**0.26**	**5.0**	**0.50**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:05**
Barium	**135**	**0.061**	**1.0**	**45.3**		**1**	**ICPMS**	**12/19/2007**	**14:05**
Beryllium	**9**	**0.033**	**1.0**	**2.8**		**1**	**ICPMS**	**12/19/2007**	**14:05**
Cadmium	**111**	**0.019**	**1.0**	**0.23**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:05**
Chromium	52	0.14	2.0	0.14	U	1	ICPMS	12/19/2007	14:05
Cobalt	**59**	**0.022**	**1.0**	**45.4**	**E**	**1**	**ICPMS**	**12/19/2007**	**14:05**
Copper	**65**	**0.056**	**2.0**	**9.8**		**1**	**ICPMS**	**12/19/2007**	**14:05**
Lead	**208**	**0.065**	**1.0**	**0.22**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:05**
Molybdenum	98	0.58	2.0	0.58	UN	1	ICPMS	12/19/2007	14:05
Nickel	**60**	**0.076**	**2.0**	**17.0**		**1**	**ICPMS**	**12/19/2007**	**14:05**
Selenium	**82**	**1.2**	**5.0**	**1.3**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:05**
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	14:05
Thallium	**205**	**0.027**	**1.0**	**0.048**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:05**
Vanadium	51	0.27	20.0	0.27	U	1	ICPMS	12/19/2007	14:05
Zinc	**68**	**0.81**	**20.0**	**91.5**		**1**	**ICPMS**	**12/19/2007**	**14:05**

Comments: Lot #: A7L150155 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD88H **Client ID:** MW74A-121407

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:54

Comments: Lot #: A7L150155 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD081 **Client ID:** RW-01I-121107

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.055	2.0	0.23	B	1	ICPMS	12/19/2007	13:42
Arsenic	75	0.26	5.0	1.6	B	1	ICPMS	12/19/2007	13:42
Barium	135	0.061	1.0	104		1	ICPMS	12/19/2007	13:42
Beryllium	9	0.033	1.0	1.5		1	ICPMS	12/19/2007	13:42
Cadmium	111	0.019	1.0	219		1	ICPMS	12/19/2007	13:42
Chromium	52	0.14	2.0	1.3	B	1	ICPMS	12/19/2007	13:42
Cobalt	59	0.022	1.0	195	E	1	ICPMS	12/19/2007	13:42
Copper	65	0.056	2.0	7.1		1	ICPMS	12/19/2007	13:42
Lead	208	0.065	1.0	0.14	B	1	ICPMS	12/19/2007	13:42
Molybdenum	98	0.58	2.0	0.61	BN	1	ICPMS	12/19/2007	13:42
Nickel	60	0.076	2.0	72.7		1	ICPMS	12/19/2007	13:42
Selenium	82	1.2	5.0	4.6	B	1	ICPMS	12/19/2007	13:42
Silver	107	0.010	1.0	0.014	B	1	ICPMS	12/19/2007	13:42
Thallium	205	0.027	1.0	0.098	B	1	ICPMS	12/19/2007	13:42
Vanadium	51	0.27	20.0	2.2	B	1	ICPMS	12/19/2007	13:42
Zinc	68	0.81	20.0	233		1	ICPMS	12/19/2007	13:42

Comments: Lot #: A7L120224 Sample #: 3

5.21.0

E Serial dilution percent difference not within limits

U Result is less than the IDL

B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD081 **Client ID:** RW-01I-121107

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:44

Comments: Lot #: A7L120224 Sample #: 3

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD7EX **Client ID:** RW-01I-121207

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.055	2.0	0.055	U	1	ICPMS	12/19/2007	13:57
Arsenic	**75**	**0.26**	**5.0**	**1.7**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:57**
Barium	**135**	**0.061**	**1.0**	**113**		**1**	**ICPMS**	**12/19/2007**	**13:57**
Beryllium	**9**	**0.033**	**1.0**	**1.9**		**1**	**ICPMS**	**12/19/2007**	**13:57**
Cadmium	**111**	**0.019**	**1.0**	**273**		**1**	**ICPMS**	**12/19/2007**	**13:57**
Chromium	**52**	**0.14**	**2.0**	**1.4**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:57**
Cobalt	**59**	**0.022**	**1.0**	**241**	**E**	**1**	**ICPMS**	**12/19/2007**	**13:57**
Copper	**65**	**0.056**	**2.0**	**20.9**		**1**	**ICPMS**	**12/19/2007**	**13:57**
Lead	**208**	**0.065**	**1.0**	**0.090**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:57**
Molybdenum	98	0.58	2.0	0.58	UN	1	ICPMS	12/19/2007	13:57
Nickel	**60**	**0.076**	**2.0**	**83.2**		**1**	**ICPMS**	**12/19/2007**	**13:57**
Selenium	**82**	**1.2**	**5.0**	**5.5**		**1**	**ICPMS**	**12/19/2007**	**13:57**
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	13:57
Thallium	**205**	**0.027**	**1.0**	**0.092**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:57**
Vanadium	**51**	**0.27**	**20.0**	**2.5**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:57**
Zinc	**68**	**0.81**	**20.0**	**281**		**1**	**ICPMS**	**12/19/2007**	**13:57**

Comments: Lot #: A7L140260 Sample #: 3

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD7EX **Client ID:** RW-01I-121207

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:49

Comments: Lot #: A7L140260 Sample #: 3

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD88Q **Client ID:** RW-01I121407

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.055	2.0	0.055	U	1	ICPMS	12/19/2007	14:26
Arsenic	**75**	**0.26**	**5.0**	**1.4**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:26**
Barium	**135**	**0.061**	**1.0**	**103**		**1**	**ICPMS**	**12/19/2007**	**14:26**
Beryllium	**9**	**0.033**	**1.0**	**1.9**		**1**	**ICPMS**	**12/19/2007**	**14:26**
Cadmium	**111**	**0.019**	**1.0**	**259**		**1**	**ICPMS**	**12/19/2007**	**14:26**
Chromium	**52**	**0.14**	**2.0**	**1.2**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:26**
Cobalt	**59**	**0.022**	**1.0**	**244**	**E**	**1**	**ICPMS**	**12/19/2007**	**14:26**
Copper	**65**	**0.056**	**2.0**	**22.7**		**1**	**ICPMS**	**12/19/2007**	**14:26**
Lead	**208**	**0.065**	**1.0**	**0.078**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:26**
Molybdenum	98	0.58	2.0	0.58	UN	1	ICPMS	12/19/2007	14:26
Nickel	**60**	**0.076**	**2.0**	**79.8**		**1**	**ICPMS**	**12/19/2007**	**14:26**
Selenium	**82**	**1.2**	**5.0**	**4.0**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:26**
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	14:26
Thallium	**205**	**0.027**	**1.0**	**0.098**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:26**
Vanadium	**51**	**0.27**	**20.0**	**2.7**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:26**
Zinc	**68**	**0.81**	**20.0**	**283**		**1**	**ICPMS**	**12/19/2007**	**14:26**

Comments: Lot #: A7L150155 Sample #: 3

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD88Q **Client ID:** RW-01I121407

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.21		1	CVAA	12/19/2007	9:57

Comments: Lot #: A7L150155 Sample #: 3

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD05RF **Client ID:** MW74A-121107F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**121**	**0.055**	**2.0**	**0.059**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:30**
Arsenic	**75**	**0.26**	**5.0**	**0.52**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:30**
Barium	**135**	**0.061**	**1.0**	**38.3**		**1**	**ICPMS**	**12/19/2007**	**13:30**
Beryllium	**9**	**0.033**	**1.0**	**1.8**		**1**	**ICPMS**	**12/19/2007**	**13:30**
Cadmium	**111**	**0.019**	**1.0**	**0.47**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:30**
Chromium	52	0.14	2.0	0.14	U	1	ICPMS	12/19/2007	13:30
Cobalt	**59**	**0.022**	**1.0**	**31.1**	**E**	**1**	**ICPMS**	**12/19/2007**	**13:30**
Copper	**65**	**0.056**	**2.0**	**6.5**		**1**	**ICPMS**	**12/19/2007**	**13:30**
Lead	**208**	**0.065**	**1.0**	**0.55**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:30**
Molybdenum	98	0.58	2.0	0.58	UN	1	ICPMS	12/19/2007	13:30
Nickel	**60**	**0.076**	**2.0**	**12.7**		**1**	**ICPMS**	**12/19/2007**	**13:30**
Selenium	**82**	**1.2**	**5.0**	**1.2**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:30**
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	13:30
Thallium	**205**	**0.027**	**1.0**	**0.054**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:30**
Vanadium	51	0.27	20.0	0.27	U	1	ICPMS	12/19/2007	13:30
Zinc	**68**	**0.81**	**20.0**	**622**		**1**	**ICPMS**	**12/19/2007**	**13:30**

Comments: Lot #: A7L120224 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits

U Result is less than the IDL

B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD05RF **Client ID:** MW74A-121107F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:42

Comments: Lot #: A7L120224 Sample #: 1

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD7CMF **Client ID:** MW74A-121207F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.055	2.0	0.055	U	1	ICPMS	12/19/2007	13:53
Arsenic	**75**	**0.26**	**5.0**	**0.54**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:53**
Barium	**135**	**0.061**	**1.0**	**39.7**		**1**	**ICPMS**	**12/19/2007**	**13:53**
Beryllium	**9**	**0.033**	**1.0**	**2.2**		**1**	**ICPMS**	**12/19/2007**	**13:53**
Cadmium	**111**	**0.019**	**1.0**	**0.18**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:53**
Chromium	52	0.14	2.0	0.14	U	1	ICPMS	12/19/2007	13:53
Cobalt	**59**	**0.022**	**1.0**	**36.9**	**E**	**1**	**ICPMS**	**12/19/2007**	**13:53**
Copper	**65**	**0.056**	**2.0**	**8.0**		**1**	**ICPMS**	**12/19/2007**	**13:53**
Lead	**208**	**0.065**	**1.0**	**0.25**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:53**
Molybdenum	98	0.58	2.0	0.58	UN	1	ICPMS	12/19/2007	13:53
Nickel	**60**	**0.076**	**2.0**	**14.0**		**1**	**ICPMS**	**12/19/2007**	**13:53**
Selenium	82	1.2	5.0	1.2	U	1	ICPMS	12/19/2007	13:53
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	13:53
Thallium	**205**	**0.027**	**1.0**	**0.045**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:53**
Vanadium	51	0.27	20.0	0.27	U	1	ICPMS	12/19/2007	13:53
Zinc	**68**	**0.81**	**20.0**	**134**		**1**	**ICPMS**	**12/19/2007**	**13:53**

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD7CMF **Client ID:** MW74A-121207F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:48

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD88HF **Client ID:** MW74A-121407F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**121**	**0.055**	**2.0**	**0.056**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:22**
Arsenic	**75**	**0.26**	**5.0**	**0.50**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:22**
Barium	**135**	**0.061**	**1.0**	**43.7**		**1**	**ICPMS**	**12/19/2007**	**14:22**
Beryllium	**9**	**0.033**	**1.0**	**2.8**		**1**	**ICPMS**	**12/19/2007**	**14:22**
Cadmium	**111**	**0.019**	**1.0**	**0.21**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:22**
Chromium	52	0.14	2.0	0.14	U	1	ICPMS	12/19/2007	14:22
Cobalt	**59**	**0.022**	**1.0**	**43.9**	**E**	**1**	**ICPMS**	**12/19/2007**	**14:22**
Copper	**65**	**0.056**	**2.0**	**9.5**		**1**	**ICPMS**	**12/19/2007**	**14:22**
Lead	**208**	**0.065**	**1.0**	**0.23**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:22**
Molybdenum	98	0.58	2.0	0.58	UN	1	ICPMS	12/19/2007	14:22
Nickel	**60**	**0.076**	**2.0**	**16.4**		**1**	**ICPMS**	**12/19/2007**	**14:22**
Selenium	82	1.2	5.0	1.2	U	1	ICPMS	12/19/2007	14:22
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	14:22
Thallium	**205**	**0.027**	**1.0**	**0.059**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:22**
Vanadium	51	0.27	20.0	0.27	U	1	ICPMS	12/19/2007	14:22
Zinc	**68**	**0.81**	**20.0**	**91.1**		**1**	**ICPMS**	**12/19/2007**	**14:22**

Comments:

5.21.0

E Serial dilution percent difference not within limits

U Result is less than the IDL

B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD88HF **Client ID:** MW74A-121407F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:56

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD081F **Client ID:** RW-01I-121107F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.055	2.0	0.14	B	1	ICPMS	12/19/2007	13:46
Arsenic	75	0.26	5.0	1.7	B	1	ICPMS	12/19/2007	13:46
Barium	135	0.061	1.0	106		1	ICPMS	12/19/2007	13:46
Beryllium	9	0.033	1.0	1.4		1	ICPMS	12/19/2007	13:46
Cadmium	111	0.019	1.0	218		1	ICPMS	12/19/2007	13:46
Chromium	52	0.14	2.0	1.2	B	1	ICPMS	12/19/2007	13:46
Cobalt	59	0.022	1.0	198	E	1	ICPMS	12/19/2007	13:46
Copper	65	0.056	2.0	6.6		1	ICPMS	12/19/2007	13:46
Lead	208	0.065	1.0	0.20	B	1	ICPMS	12/19/2007	13:46
Molybdenum	98	0.58	2.0	0.73	BN	1	ICPMS	12/19/2007	13:46
Nickel	60	0.076	2.0	74.2		1	ICPMS	12/19/2007	13:46
Selenium	82	1.2	5.0	5.0		1	ICPMS	12/19/2007	13:46
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	13:46
Thallium	205	0.027	1.0	0.084	B	1	ICPMS	12/19/2007	13:46
Vanadium	51	0.27	20.0	2.1	B	1	ICPMS	12/19/2007	13:46
Zinc	68	0.81	20.0	233		1	ICPMS	12/19/2007	13:46

Comments: Lot #: A7L120224 Sample #: 3

5.21.0

E Serial dilution percent difference not within limits

U Result is less than the IDL

B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD081F **Client ID:** RW-01I-121107F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:45

Comments: Lot #: A7L120224 Sample #: 3

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD7EXF **Client ID:** RW-01I-121207F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	**121**	**0.055**	**2.0**	**0.44**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:01**
Arsenic	**75**	**0.26**	**5.0**	**0.80**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:01**
Barium	**135**	**0.061**	**1.0**	**113**		**1**	**ICPMS**	**12/19/2007**	**14:01**
Beryllium	**9**	**0.033**	**1.0**	**1.9**		**1**	**ICPMS**	**12/19/2007**	**14:01**
Cadmium	**111**	**0.019**	**1.0**	**267**		**1**	**ICPMS**	**12/19/2007**	**14:01**
Chromium	**52**	**0.14**	**2.0**	**1.3**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:01**
Cobalt	**59**	**0.022**	**1.0**	**242**	**E**	**1**	**ICPMS**	**12/19/2007**	**14:01**
Copper	**65**	**0.056**	**2.0**	**20.9**		**1**	**ICPMS**	**12/19/2007**	**14:01**
Lead	**208**	**0.065**	**1.0**	**0.12**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:01**
Molybdenum	98	0.58	2.0	0.58	UN	1	ICPMS	12/19/2007	14:01
Nickel	**60**	**0.076**	**2.0**	**82.7**		**1**	**ICPMS**	**12/19/2007**	**14:01**
Selenium	**82**	**1.2**	**5.0**	**2.9**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:01**
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	14:01
Thallium	**205**	**0.027**	**1.0**	**0.090**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:01**
Vanadium	**51**	**0.27**	**20.0**	**2.5**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:01**
Zinc	**68**	**0.81**	**20.0**	**272**		**1**	**ICPMS**	**12/19/2007**	**14:01**

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD7EXF **Client ID:** RW-01I-121207F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:53

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD88QF **Client ID:** RW-01I121407F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.055	2.0	0.055	U	1	ICPMS	12/19/2007	14:29
Arsenic	**75**	**0.26**	**5.0**	**1.0**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:29**
Barium	**135**	**0.061**	**1.0**	**106**		**1**	**ICPMS**	**12/19/2007**	**14:29**
Beryllium	**9**	**0.033**	**1.0**	**2.0**		**1**	**ICPMS**	**12/19/2007**	**14:29**
Cadmium	**111**	**0.019**	**1.0**	**267**		**1**	**ICPMS**	**12/19/2007**	**14:29**
Chromium	**52**	**0.14**	**2.0**	**1.2**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:29**
Cobalt	**59**	**0.022**	**1.0**	**254**	**E**	**1**	**ICPMS**	**12/19/2007**	**14:29**
Copper	**65**	**0.056**	**2.0**	**24.0**		**1**	**ICPMS**	**12/19/2007**	**14:29**
Lead	**208**	**0.065**	**1.0**	**0.19**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:29**
Molybdenum	98	0.58	2.0	0.58	UN	1	ICPMS	12/19/2007	14:29
Nickel	**60**	**0.076**	**2.0**	**82.8**		**1**	**ICPMS**	**12/19/2007**	**14:29**
Selenium	**82**	**1.2**	**5.0**	**2.7**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:29**
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	14:29
Thallium	**205**	**0.027**	**1.0**	**0.10**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:29**
Vanadium	**51**	**0.27**	**20.0**	**2.6**	**B**	**1**	**ICPMS**	**12/19/2007**	**14:29**
Zinc	**68**	**0.81**	**20.0**	**370**		**1**	**ICPMS**	**12/19/2007**	**14:29**

Comments:

5.21.0

E Serial dilution percent difference not within limits

U Result is less than the IDL

B Result is between IDL and RL

Form 1 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Results

Lab Sample ID: KD88QF **Client ID:** RW-01I121407F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:58

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 1 Equivalent

Tetra Tech NUS, Inc

Client Sample ID: MW74A-121107

General Chemistry

Lot-Sample #...: A7L120224-001 Work Order #...: KD05R Matrix.....: WG
Date Sampled...: 12/11/07 12:00 Date Received..: 12/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	5.1		No Units	SW846 9040B	12/12/07	7346573

Dilution Factor: 1 MDL.....:

Tetra Tech NUS, Inc

Client Sample ID: MW74A-121207

General Chemistry

Lot-Sample #...: A7L140260-001 Work Order #...: KD7CM Matrix.....: WG
Date Sampled...: 12/12/07 21:00 Date Received..: 12/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	5.0		No Units	SW846 9040B	12/14/07	7348558

Dilution Factor: 1 MDL.....:

Tetra Tech NUS, Inc

Client Sample ID: MW74A-121407

General Chemistry

Lot-Sample #...: A7L150155-001 **Work Order #...:** KD88H **Matrix.....:** WG
Date Sampled...: 12/14/07 08:30 **Date Received..:** 12/15/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	**4.8**		**No Units**	**SW846 9040B**	**12/15/07**	**7349150**

Dilution Factor: 1 MDL.....:

Tetra Tech NUS, Inc

Client Sample ID: RW-01I-121107

General Chemistry

Lot-Sample #...: A7L120224-003 Work Order #...: KD081 Matrix.....: WG
Date Sampled...: 12/11/07 12:30 Date Received..: 12/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	4.8		No Units	SW846 9040B	12/12/07	7346573

Dilution Factor: 1 MDL.....:

Tetra Tech NUS, Inc

Client Sample ID: RW-01I-121207

General Chemistry

Lot-Sample #...: A7L140260-003 Work Order #...: KD7EX Matrix.....: WG
Date Sampled...: 12/12/07 22:45 Date Received..: 12/14/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	4.7		No Units	SW846 9040B	12/14/07	7348558

Dilution Factor: 1 MDL.....:

Tetra Tech NUS, Inc

Client Sample ID: RW-01I121407

General Chemistry

Lot-Sample #...: A7L150155-003 **Work Order #...:** KD88Q **Matrix.....:** WG
Date Sampled...: 12/14/07 10:40 **Date Received..:** 12/15/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	**4.6**		**No Units**	**SW846 9040B**	**12/15/07**	**7349150**

Dilution Factor: 1 MDL.....:

APPENDIX C
SUPPORT DOCUMENTATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PUMP TEST 4 @ MRC
SDG #: 7L12224

Michael Martin

Tetra Tech NUS Inc
20251 Century Blvd
Suite 200
Germantown, MD 20874

TESTAMERICA LABORATORIES, INC.

Patrick J. O'Meara
Project Manager

January 4, 2008

4101 Shuffel Street N.W. North Canton, OH 44720 tel 330.497.9396 fax 330.497.0772 www.testamericainc.com

CASE NARRATIVE

7L12224

The following report contains the analytical results for seven water samples and two quality control samples submitted to TestAmerica North Canton by Tetra Tech NUS Inc. from the PUMP TEST 4@ MRC Site. The samples were received December 12, 2007, December 14, 2007 and December 15, 2007, according to documented sample acceptance procedures.

This SDG consists of (3) laboratory ID's: A7L120224, A7L140260, and A7L150155.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Dev Murali, John Poremba, and Michael Martin on January 03, 2008. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

Any reference within this document to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.)

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Patrick J. O'Meara, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 0.2, 2.6, and 2.9°C.

Sample(s) MW74A-121207 and RW-01I-121207 were received in the laboratory after the recommended holding time for the pH test had expired.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

2-Chloroethyl vinyl ether cannot be reliably recovered in an acid preserved sample.

GC/MS SEMIVOLATILES

Batch(es) 7351049 had recoveries and/or RPD's out high in the LCS. Since there were no hits for 1,4-Dichlorobenzene detected in any of the associated samples, no corrective action was necessary.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

Serial dilution of a sample in this lot indicates that physical and chemical interferences were present. Refer to the sample report pages for the affected analytes flagged with "E".

CASE NARRATIVE (continued)

METALS (continued)

The matrix spike sample duplicate(s) for MW74A-121107 had recoveries and RPDs outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

ANALYTICAL METHODS SUMMARY

7L12224

PARAMETER	ANALYTICAL METHOD
pH Aqueous	SW846 9040B
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

7L12224 : A7L120224

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KD05R	001	MW74A-121107	12/11/07	12:00
KD08T	002	TB-121107	12/11/07	
KD081	003	RW-01I-121107	12/11/07	12:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

7L12224 : A7L140260

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KD7CM	001	MW74A-121207	12/12/07	21:00
KD7DD	002	TB-121207	12/12/07	
KD7EX	003	RW-01I-121207	12/12/07	22:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

7L12224 : A7L150155

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KD88H	001	MW74A-121407	12/14/07	08:30
KD88N	002	TB-121407	12/14/07	
KD88Q	003	RW-01I121407	12/14/07	10:40

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

[redacted]

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

22

STL-4124 (0901)

Client: Tetra Tech	Project Manager: Mike Martin	Date: 12/11/07	Chain of Custody Number: 322560
Address: 20251 Century Blvd, #200	Telephone Number (Area Code)/Fax Number: 301-528-5552	Lab Number:	Page 1 of 1
City: Germantown / State: MD / Zip Code: 20874	Site Contact: Fred Kolberg	Lab Contact:	Analysis (Attach list if more space is needed)
Project Name and Location (State): PUMP TEST 4 @ MRC	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	VOC	Total Metals	Dissolved Metals	pH	1,4-Dioxane
MW74A-121107	12/11/07	1200		X						X			3				
				X					X					1			
				X					X						1		
				X			X									1	
				X			X										1
TB-121107		0000		X						X			2				
RW-01I-121107	12/11/07	1230		X						X			3				
				X					X					1			
				X					X						1		
				X			X									1	
				X			X										1

Special Instructions/ Conditions of Receipt

Pump Test 4 @ MRC top half

Pump Test 2 @ MSA bottom half

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Silvino dA Luz, Jr.	Date: 12/11/07	Time:	1. Received By: [signature]	Date: 12-11-07	Time:
2. Relinquished By	Date	Time	2. Received By: [signature]	Date: 12-12-07	Time: 9:50
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica North Canton

[redacted] of
Custody Record

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

(0901)

Tetra Tech	Project Manager: Mike Martin	Date: 12/12/07	Chain of Custody Number: 322561
Address: 20251 Century Blvd, #200	Telephone Number (Area Code)/Fax Number: 301-528-5552	Lab Number	Page 1 of 1
City: Germantown; State: MD; Zip Code: 20874	Site Contact: Fred Kolberg	Lab Contact	Analysis (Attach list if more space is needed)
Project Name and Location (State): Pump Test 4@MRC	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOC	Total Metals	Dissolved Metals	pH	1,4-Dioxane	Special Instructions/ Conditions of Receipt
MW74A-121207	12/12/07	2100		X						X			3					Pump Test 4 @ MRC (36hrs/middle) Top half
				X					X					1				
				X					X						1			
				X			X									1		
				X			X										1	
TB-121207		0000		X						X			2					
RW-01I-121207	12/12/07	2245		X						X			3					
				X					X					1				Pump Test 2 @ MSA (36hrs/middle) RW-01I bottom half
				X					X						1			
				X			X									1		
				X			X										1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Silvino da Luz, Jr.	Date: 12-13-07	Time: 9:00 AM	1. Received By	Date: 12-13-07	Time: 9:00 AM
2. Relinquished By	Date	Time	2. Received By	Date: 12-14-07	Time: 0920
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica North Canton

25

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

28

STL-4124 (0901)

Client: Tetra Tech	Project Manager: Mike Martin	Date: 12/14/07	Chain of Custody Number: 322562
Address: 20251 Century Blvd, #200	Telephone Number (Area Code)/Fax Number: 301-528-5552	Lab Number:	Page 1 of 1
City: Germantown / State: MD / Zip Code: 20874	Site Contact: Fred Kolberg	Lab Contact:	
Project Name and Location (State): Pump Test 4 @ MRC	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: VOC	Total Metals	Dissolved Metals	pH	1,4-Dioxane	Special Instructions/ Conditions of Receipt
MW74A-121407	12/14/07	0830		X						X			3					Pump Test 4 @ MRC (end/72hrs)
				X					X					1				
				X					X						1			
				X			X									1		
				X			X										1	
TB-121407	12/14/07	0000		X						X			2					
RW-DII121407	12/14/07	10:40		X						X			3					
				X					X					1	1			
				X			X									1		
				X			X										1	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Silvino da Luz Jr.	Date: 12/14/07	Time: 1315	1. Received By:	Date: 12/14/07	Time: 1315
2. Relinquished By:	Date:	Time:	2. Received By: Alana Marquez	Date: 12/15/07	Time: 930
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica North Canton

HOLDTIME

SDG 7L12224

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	MW74A-121107	A7L120224001	NM	12/11/2007	12/18/2007	12/19/2007	7	1	8
HG	UG/L	MW74A-121207	A7L140260001	NM	12/12/2007	12/18/2007	12/19/2007	6	1	7
HG	UG/L	MW74A-121407	A7L150155001	NM	12/14/2007	12/18/2007	12/19/2007	4	1	5
HG	UG/L	RW-01I-121107	A7L120224003	NM	12/11/2007	12/18/2007	12/19/2007	7	1	8
HG	UG/L	RW-01I-121207	A7L140260003	NM	12/12/2007	12/18/2007	12/19/2007	6	1	7
HG	UG/L	RW-01I121407	A7L150155003	NM	12/14/2007	12/18/2007	12/19/2007	4	1	5
M	UG/L	MW74A-121107	A7L120224001	NM	12/11/2007	12/18/2007	12/19/2007	7	1	8
M	UG/L	RW-01I121407	A7L150155003	NM	12/14/2007	12/18/2007	12/19/2007	4	1	5
M	UG/L	RW-01I-121207	A7L140260003	NM	12/12/2007	12/18/2007	12/19/2007	6	1	7
M	UG/L	RW-01I-121107	A7L120224003	NM	12/11/2007	12/18/2007	12/19/2007	7	1	8
M	UG/L	MW74A-121407	A7L150155001	NM	12/14/2007	12/18/2007	12/19/2007	4	1	5
M	UG/L	MW74A-121207	A7L140260001	NM	12/12/2007	12/18/2007	12/19/2007	6	1	7
HGF	UG/L	RW-01I-121207	A7L140260003	NM	12/12/2007	12/18/2007	12/19/2007	6	1	7
HGF	UG/L	RW-01I-121107	A7L120224003	NM	12/11/2007	12/18/2007	12/19/2007	7	1	8
HGF	UG/L	MW74A-121207	A7L140260001	NM	12/12/2007	12/18/2007	12/19/2007	6	1	7

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HGF	UG/L	MW74A-121107	A7L120224001	NM	12/11/2007	12/18/2007	12/19/2007	7	1	8
HGF	UG/L	RW-01I121407	A7L150155003	NM	12/14/2007	12/18/2007	12/19/2007	4	1	5
HGF	UG/L	MW74A-121407	A7L150155001	NM	12/14/2007	12/18/2007	12/19/2007	4	1	5
MF	UG/L	MW74A-121107	A7L120224001	NM	12/11/2007	12/18/2007	12/19/2007	7	1	8
MF	UG/L	RW-01I121407	A7L150155003	NM	12/14/2007	12/18/2007	12/19/2007	4	1	5
MF	UG/L	RW-01I-121207	A7L140260003	NM	12/12/2007	12/18/2007	12/19/2007	6	1	7
MF	UG/L	RW-01I-121107	A7L120224003	NM	12/11/2007	12/18/2007	12/19/2007	7	1	8
MF	UG/L	MW74A-121407	A7L150155001	NM	12/14/2007	12/18/2007	12/19/2007	4	1	5
MF	UG/L	MW74A-121207	A7L140260001	NM	12/12/2007	12/18/2007	12/19/2007	6	1	7
PH	NO UN	MW74A-121407	A7L150155001	NM	12/14/2007	12/15/2007	12/15/2007	1	0	1
PH	NO UN	MW74A-121207	A7L140260001	NM	12/12/2007	12/14/2007	12/14/2007	2	0	2
PH	NO UN	MW74A-121107	A7L120224001	NM	12/11/2007	12/12/2007	12/12/2007	1	0	1
PH	NO UN	RW-01I121407	A7L150155003	NM	12/14/2007	12/15/2007	12/15/2007	1	0	1
PH	NO UN	RW-01I-121207	A7L140260003	NM	12/12/2007	12/14/2007	12/14/2007	2	0	2
PH	NO UN	RW-01I-121107	A7L120224003	NM	12/11/2007	12/12/2007	12/12/2007	1	0	1
OS	%	MW74A-121207	A7L140260001	NM	12/12/2007	12/16/2007	12/27/2007	4	11	15
OS	%	RW-01I121407DL	A7L150155003	NM	12/14/2007	12/17/2007	12/21/2007	3	4	7
OS	%	MW74A-121107	A7L120224001	NM	12/11/2007	12/14/2007	12/26/2007	3	12	15

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	RW-01I-121107DL	A7L120224003	NM	12/11/2007	12/14/2007	12/27/2007	3	13	16
OS	%	RW-01I-121207DL	A7L140260003	NM	12/12/2007	12/16/2007	12/29/2007	4	13	17
OS	%	MW74A-121407	A7L150155001	NM	12/14/2007	12/17/2007	12/20/2007	3	3	6
OS	UG/L	MW74A-121207	A7L140260001	NM	12/12/2007	12/16/2007	12/27/2007	4	11	15
OS	UG/L	MW74A-121407	A7L150155001	NM	12/14/2007	12/17/2007	12/20/2007	3	3	6
OS	UG/L	RW-01I-121107DL	A7L120224003	NM	12/11/2007	12/14/2007	12/27/2007	3	13	16
OS	UG/L	RW-01I-121207DL	A7L140260003	NM	12/12/2007	12/16/2007	12/29/2007	4	13	17
OS	UG/L	RW-01I121407DL	A7L150155003	NM	12/14/2007	12/17/2007	12/21/2007	3	4	7
OS	UG/L	MW74A-121107	A7L120224001	NM	12/11/2007	12/14/2007	12/26/2007	3	12	15
OV	%	RW-01I-121207DL	A7L140260003	NM	12/12/2007	12/21/2007	12/21/2007	9	0	9
OV	%	TB-121407	A7L150155002	NM	12/14/2007	12/24/2007	12/24/2007	10	0	10
OV	%	TB-121207	A7L140260002	NM	12/12/2007	12/21/2007	12/21/2007	9	0	9
OV	%	RW-01I121407DL	A7L150155003	NM	12/14/2007	12/26/2007	12/26/2007	12	0	12
OV	%	RW-01I-121107DL	A7L120224003	NM	12/11/2007	12/20/2007	12/20/2007	9	0	9
OV	%	MW74A-121407DL	A7L150155001	NM	12/14/2007	12/26/2007	12/26/2007	12	0	12
OV	%	MW74A-121207DL	A7L140260001	NM	12/12/2007	12/21/2007	12/21/2007	9	0	9
OV	%	MW74A-121107DL	A7L120224001	NM	12/11/2007	12/20/2007	12/20/2007	9	0	9
OV	%	TB-121107	A7L120224002	NM	12/11/2007	12/20/2007	12/20/2007	9	0	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	MW74A-121107DL	A7L120224001	NM	12/11/2007	12/20/2007	12/20/2007	9	0	9
OV	UG/L	MW74A-121207DL	A7L140260001	NM	12/12/2007	12/21/2007	12/21/2007	9	0	9
OV	UG/L	MW74A-121407DL	A7L150155001	NM	12/14/2007	12/26/2007	12/26/2007	12	0	12
OV	UG/L	RW-01I-121107DL	A7L120224003	NM	12/11/2007	12/20/2007	12/20/2007	9	0	9
OV	UG/L	RW-01I-121207DL	A7L140260003	NM	12/12/2007	12/21/2007	12/21/2007	9	0	9
OV	UG/L	RW-01I121407DL	A7L150155003	NM	12/14/2007	12/26/2007	12/26/2007	12	0	12
OV	UG/L	TB-121107	A7L120224002	NM	12/11/2007	12/20/2007	12/20/2007	9	0	9
OV	UG/L	TB-121207	A7L140260002	NM	12/12/2007	12/21/2007	12/21/2007	9	0	9
OV	UG/L	TB-121407	A7L150155002	NM	12/14/2007	12/24/2007	12/24/2007	10	0	10

5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: BFB2497 BFB Injection Date: 12/20/07

Instrument ID: A3UX10 BFB Injection Time: 0836

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0% of mass 95	16.4	
75	30.0 - 60.0% of mass 95	46.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.4	(0.4)1
174	50.0 - 100.0% of mass 95	98.3	
175	5.0 - 9.0% of mass 174	7.1	(7.3)1
176	Greater than 95.0%, but less than 101.0% of mass 174	99.0	(100.8)1
177	5.0 - 9.0% of mass 176	6.4	(6.4)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD040	200NG-IC	UXX9353	12/20/07	0902
02	VSTD020	100NG-IC	UXX9354	12/20/07	0925
03	VSTD010	50NG-IC	UXX9355	12/20/07	0947
04	VSTD005	25NG-IC	UXX9356	12/20/07	1009
05	VSTD002	10NG-IC	UXX9357	12/20/07	1031
06	VSTD001	5NG-IC	UXX9358	12/20/07	1053
07	VSTD010	50NG-A9CC	UXX9360	12/20/07	1152
08	KEK1J-CHK	KEK1J1AC	UXX9362	12/20/07	1237
09	KEK1J-BLK	KEK1J1AA	UXX9363	12/20/07	1259
10	MW74A-121107	KD05R1CF	UXX9365	12/20/07	1343
11	RW-01I-12110	KD0811CF	UXX9366	12/20/07	1405
12	TB-121107	KD08T1AA	UXX9374	12/20/07	1701
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Report Date : 20-Dec-2007 11:15

STL Inc North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 24-AUG-2007 18:07
End Cal Date : 20-DEC-2007 10:53
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71220A-IC.b\8260LLUX10.m
Last Edit : 20-Dec-2007 11:09 a3ux10.i
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7040.D
Level 2: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7039.D
Level 3: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7038.D
Level 4: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7037.D
Level 5: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7036.D
Level 6: \\cansvr11\dd\chem\MSV\a3ux10.i\P71001A.b\UXX7035.D

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD
	8 Dichlorodifluoromethane	0.20274	0.20578	0.21873	0.20100	0.19945	0.19166	0.20323	4.401
	9 Chloromethane	0.31789	0.31036	0.29869	0.26822	0.29604	0.27400	0.29420	6.676
	10 Vinyl Chloride	0.35132	0.32182	0.33524	0.30676	0.33449	0.31346	0.32718	4.994
	11 Bromomethane	0.20972	0.19922	0.20463	0.18571	0.20899	0.19765	0.20099	4.456
	12 Chloroethane	0.22509	0.20600	0.20920	0.19138	0.21449	0.20202	0.20803	5.487
	13 Trichlorofluoromethane	0.22388	0.21152	0.24874	0.23173	0.25671	0.24869	0.23688	7.341
	14 Dichlorofluoromethane	0.44593	0.43540	0.40932	0.40424	0.41723	0.41052	0.42044	3.935
	15 Acrolein	0.02015	0.01881	0.01545	0.01315	0.01677	0.01316	0.01625	17.800
	16 Acetone	0.11701	0.08541	0.06640	0.05793	0.05991	0.05541	0.07368	32.347
	17 1,1-Dichloroethene	0.28152	0.26916	0.27893	0.27358	0.29383	0.28482	0.28031	3.093
	18 Freon-113	0.22883	0.22810	0.22280	0.22606	0.22664	0.21824	0.22511	1.760
	19 Iodomethane	0.46888	0.48081	0.48112	0.48161	0.51126	0.48906	0.48545	2.926
	20 Carbon Disulfide	0.78337	0.78598	0.80483	0.80256	0.85201	0.83537	0.81069	3.389
	21 Methylene Chloride	0.46911	0.36325	0.32204	0.31035	0.31558	0.29888	0.34654	18.452
	22 Acetonitrile	0.03122	0.02963	0.02712	0.02530	0.02698	0.02444	0.02745	9.357
	23 Acrylonitrile	0.08265	0.08139	0.08384	0.07671	0.08528	0.08311	0.08217	3.611
	24 Methyl tert-butyl ether	0.71878	0.70989	0.71297	0.72772	0.77659	0.75663	0.73376	3.667
	25 trans-1,2-Dichloroethene	0.29645	0.28737	0.29945	0.28977	0.31322	0.30772	0.29900	3.362
	26 Hexane	0.06097	0.06217	0.06290	0.06592	0.06127	0.06085	0.06234	3.080
	27 Vinyl acetate	0.22104	0.21486	0.21867	0.22672	0.22985	0.23976	0.22515	3.986
	28 1,1-Dichloroethane	0.41753	0.40270	0.41625	0.42246	0.43859	0.42199	0.41992	2.767
	29 tert-Butyl Alcohol	0.02018	0.02126	0.02019	0.02039	0.02048	0.01856	0.02017	4.388
	30 2-Butanone	0.08947	0.08294	0.07954	0.07692	0.08102	0.07848	0.08139	5.485
M	31 1,2-Dichloroethene (total)	0.28875	0.28599	0.28727	0.28666	0.30465	0.29632	0.29161	2.545
	32 cis-1,2-dichloroethene	0.28104	0.28461	0.27509	0.28355	0.29608	0.28492	0.28422	2.413
	33 2,2-Dichloropropane	0.23702	0.24068	0.25678	0.26370	0.28150	0.27562	0.25922	6.961
	34 Bromochloromethane	0.13614	0.13700	0.14410	0.14383	0.14918	0.14376	0.14233	3.457
	35 Chloroform	0.41149	0.41479	0.42285	0.41672	0.43152	0.41428	0.41861	1.763

Report Date : 20-Dec-2007 11:15

STL Inc North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 24-AUG-2007 18:07
End Cal Date : 20-DEC-2007 10:53
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71220A-IC.b\8260LLUX10.m
Last Edit : 20-Dec-2007 11:09 a3ux10.i
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
	36 Tetrahydrofuran	0.05191	0.04754	0.05255	0.05279	0.05459	0.05269	0.05201	4.549	
	37 1,1,1-Trichloroethane	0.31765	0.31527	0.33369	0.34716	0.36515	0.35342	0.33872	5.912	
	38 1,1-Dichloropropene	0.30384	0.31393	0.31815	0.32337	0.33283	0.33055	0.32044	3.383	
	39 Carbon Tetrachloride	0.24622	0.26655	0.27654	0.28345	0.30900	0.30942	0.28186	8.736	
	40 1,2-Dichloroethane	0.28069	0.28572	0.29231	0.29786	0.29616	0.29316	0.29098	2.249	
	41 Benzene	1.04785	0.98714	1.00413	1.03791	1.05296	1.03981	1.02830	2.571	
	42 Trichloroethene	0.27595	0.27943	0.28064	0.29091	0.29649	0.28931	0.28545	2.785	
	43 1,2-Dichloropropane	0.20815	0.21685	0.22204	0.23141	0.23241	0.22947	0.22339	4.292	
	44 1,4-Dioxane	0.00252	0.00257	0.00274	0.00300	0.00278	0.00224	0.00264	9.834	<-
	45 Dibromomethane	0.12569	0.13063	0.13196	0.13668	0.14126	0.13495	0.13353	4.018	
	46 Bromodichloromethane	0.24861	0.24867	0.25595	0.27930	0.29354	0.28954	0.26927	7.663	
	47 2-Chloroethyl vinyl ether	0.09651	0.10366	0.10825	0.11768	0.12311	0.12630	0.11259	10.372	
	48 cis-1,3-Dichloropropene	0.23870	0.25708	0.29065	0.32678	0.33859	0.35072	0.30042	15.229	
	49 4-Methyl-2-pentanone	0.15969	0.15772	0.15882	0.16423	0.17969	0.17482	0.16583	5.581	
	50 Toluene	1.27404	1.33258	1.37705	1.42923	1.42745	1.42703	1.37790	4.630	
	51 trans-1,3-Dichloropropene	0.25070	0.27813	0.31023	0.34405	0.36345	0.37434	0.32015	15.347	
	52 Ethyl Methacrylate	0.25588	0.29872	0.31735	0.34420	0.36009	0.36153	0.32296	12.719	
	53 1,1,2-Trichloroethane	0.26972	0.26241	0.25748	0.26665	0.25805	0.25325	0.26126	2.364	
	54 1,3-Dichloropropane	0.43403	0.45089	0.43745	0,46273	0.45435	0.45174	0.44853	2.410	
	55 Tetrachloroethene	0.31814	0.32530	0.31610	0.31908	0.31911	0.31957	0.31955	0.964	
	56 2-Hexanone	0.13520	0.13919	0.14150	0.13656	0.15369	0.14908	0.14254	5.147	
	57 Dibromochloromethane	0.21555	0.23683	0.24151	0.26564	0.28162	0.28853	0.25495	11.116	
	58 1,2-Dibromoethane	0.24763	0.25430	0.25306	0.26716	0.26511	0.26275	0.25833	3.009	
	59 Chlorobenzene	0.95736	0.98736	0.95880	0.98539	0.99105	0.99247	0.97874	1.656	
	60 1,1,1,2-Tetrachloroethane	0.27719	0.29341	0.30369	0.32605	0.34632	0.33943	0.31435	8.679	
	61 Ethylbenzene	0.46397	0.48330	0.49938	0.53434	0.54421	0.54041	0.51093	6.566	
	62 m + p-Xylene	0.59486	0.61553	0.64079	0.67521	0.69327	0.69453	0.65237	6.420	
M	63 Xylenes (total)	0.58000	0.61473	0.64357	0.67783	0.69886	0.69424	0.65154	7.294	
	64 Xylene-o	0.55027	0.61313	0.64913	0.68306	0.71005	0.69366	0.64988	9.209	
	65 Styrene	0.89015	0.97189	1.03214	1.11580	1.16169	1.16548	1.05619	10.533	
	66 Bromoform	0.13166	0.13769	0.14437	0.16685	0.18273	0.19247	0.15930	15.781	
	67 Isopropylbenzene	1.33166	1.43893	1.54125	1.62084	1.70328	1.69373	1.55495	9.500	
	68 1,1,2,2-Tetrachloroethane	0.55426	0.55705	0.55556	0.57082	0.56512	0.55375	0.55942	1.243	
	69 1,4-Dichloro-2-butene	0.05074	0.04153	0.05335	0.06023	0.07273	0.08467	0.06054	26.011	
	70 1,2,3-Trichloropropane	0.17349	0.16861	0.17336	0.17789	0.17587	0.17049	0.17328	1.959	
	71 Bromobenzene	0.68909	0.69356	0.71201	0.74277	0.75627	0.74454	0.72304	3.960	

Report Date : 20-Dec-2007 11:15

STL Inc North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 24-AUG-2007 18:07
End Cal Date : 20-DEC-2007 10:53
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71220A-IC.b\8260LLUX10.m
Last Edit : 20-Dec-2007 11:09 a3ux10.i
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
72	n-Propylbenzene	0.71006	0.70627	0.76865	0.82751	0.84666	0.83697	0.78269	8.153	
73	2-Chlorotoluene	0.60555	0.67269	0.66054	0.71238	0.73349	0.71676	0.68357	6.911	
74	1,3,5-Trimethylbenzene	1.95923	2.13940	2.23038	2.43251	2.49196	2.50338	2.29281	9.600	
75	4-Chlorotoluene	0.67701	0.67164	0.69680	0.73676	0.74542	0.72580	0.70890	4.437	
76	tert-Butylbenzene	1.78545	1.97704	2.09663	2.27628	2.22611	2.32757	2.11485	9.725	
77	1,2,4-Trimethylbenzene	2.06350	2.27520	2.34175	2.48949	2.54164	2.55464	2.37770	8.006	
78	sec-Butylbenzene	2.67524	2.87110	2.94891	3.16748	3.24895	3.24570	3.02623	7.692	
79	4-Isopropyltoluene	2.22984	2.45577	2.53662	2.76120	2.84909	2.87665	2.61820	9.729	
80	1,3-Dichlorobenzene	1.47354	1.46053	1.44425	1.51715	1.52846	1.51002	1.48899	2.296	
81	1,4-Dichlorobenzene	1.61160	1.53190	1.52507	1.57130	1.57217	1.56303	1.56251	2.008	
82	n-Butylbenzene	1.90277	1.95304	2.12406	2.28151	2.39086	2.40706	2.17655	10.019	
83	1,2-Dichlorobenzene	1.41917	1.39111	1.39733	1.43843	1.43202	1.42234	1.41673	1.330	
84	1,2-Dibromo-3-chloropropane	0.08336	0.08311	0.08820	0.09585	0.10070	0.10057	0.09196	8.861	
85	1,2,4-Trichlorobenzene	0.90369	0.92312	0.93091	0.99954	1.00240	0.95743	0.95285	4.311	
86	Hexachlorobutadiene	0.52761	0.49669	0.47721	0.48553	0.48065	0.46805	0.48929	4.295	
87	Naphthalene	1.55249	1.69892	1.77292	2.00943	2.02757	1.81830	1.81327	10.083	
88	1,2,3-Trichlorobenzene	0.93773	0.91508	0.89355	0.92744	0.90118	0.81728	0.89871	4.794	
89	Ethyl Ether	0.23494	0.22097	0.21205	0.21340	0.21624	0.21521	0.21880	3.874	
90	Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
91	3-Chloropropene	0.12167	0.12213	0.12247	0.12372	0.13375	0.13173	0.12591	4.265	
92	Isopropyl Ether	0.21653	0.21980	0.21348	0.22235	0.23672	0.23358	0.22375	4.193	
93	2-Chloro-1,3-butadiene	0.40584	0.41296	0.39650	0.40692	0.44389	0.43034	0.41607	4.243	
94	Propionitrile	0.03122	0.03512	0.03464	0.03511	0.03710	0.03716	0.03506	6.181	
95	Ethyl Acetate	0.21804	0.19987	0.18040	0.18597	0.19546	0.19159	0.19522	6.721	
96	Methacrylonitrile	0.14295	0.13064	0.14535	0.13921	0.14180	0.14179	0.14029	3.657	
97	Isobutanol	0.00896	0.00864	0.00986	0.01002	0.01003	0.00991	0.00957	6.346	<-
98	Cyclohexane	0.43568	0.44074	0.45086	0.46725	0.46841	0.45921	0.45369	3.007	
99	n-Butanol	0.00924	0.00830	0.00827	0.00903	0.00911	0.00913	0.00885	4.987	<-
100	Methyl Methacrylate	0.17045	0.16980	0.17378	0.18501	0.18867	0.19488	0.18043	5.837	
101	2-Nitropropane	0.04253	0.04255	0.04038	0.04230	0.04732	0.05127	0.04439	9.192	
102	Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
103	Cyclohexanone	0.03313	0.03017	0.03084	0.03187	0.03471	0.03253	0.03221	5.080	
104	Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105	Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
134	Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
135	Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Report Date : 20-Dec-2007 11:15

STL Inc North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 24-AUG-2007 18:07
End Cal Date : 20-DEC-2007 10:53
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71220A-IC.b\8260LLUX10.m
Last Edit : 20-Dec-2007 11:09 a3ux10.i
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
	136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
M	137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	140 1-Chlorohexane	0.37395	0.35068	0.34673	0.36307	0.39816	0.39419	0.37113	5.841	
	141 1,3,5-Trichlorobenzene	1.03424	1.05203	1.04990	1.10880	1.13439	1.11167	1.08184	3.823	
	143 Methyl Acetate	0.18124	0.17003	0.16196	0.15835	0.16589	0.16367	0.16686	4.827	
	144 Methylcyclohexane	0.48390	0.48123	0.50538	0.51644	0.51760	0.51954	0.50401	3.443	
	145 Dimethoxymethane	0.22576	0.20895	0.21122	0.20176	0.20151	0.20889	0.20968	4.220	
	146 2-Methylnaphthalene	0.63922	0.67370	0.72718	0.83346	0.81355	0.65386	0.72349	11.506	
	147 Tetrahydrothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	148 1,4-Dichlorobutane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	149 Vinyl Acetate-86	0.02295	0.02500	0.02765	0.03068	0.03130	0.03183	0.02824	12.962	
	150 1,3-Butadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	151 Ethyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	152 n-Heptane	0.27692	0.25385	0.26154	0.26213	0.29744	0.28396	0.27264	6.024	
	153 t-Butyl ethyl ether	0.72418	0.70330	0.72316	0.72510	0.79110	0.82383	0.74844	6.356	
	154 t-Amyl methyl ether	0.56638	0.57491	0.57732	0.58836	0.64432	0.66701	0.60305	6.960	
	155 1,2,3-Trimethylbenzene	2.42489	2.55415	2.64856	2.70152	2.95105	3.01801	2.71636	8.430	
$	4 Dibromofluoromethane	0.22646	0.22751	0.22820	0.23814	0.24166	0.23275	0.23245	2.691	
$	5 1,2-Dichloroethane-d4	0.24636	0.23806	0.23396	0.24433	0.25697	0.24656	0.24437	3.251	
$	6 Toluene-d8	1.09277	1.15384	1.16630	1.23407	1.21573	1.20716	1.17831	4.394	
$	7 Bromofluorobenzene	0.42837	0.44375	0.45916	0.46864	0.47750	0.45765	0.45584	3.860	

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71220A-IC.b\UXX9360.D
Report Date: 20-Dec-2007 12:08

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 20-DEC-2007 11:52
Lab File ID: UXX9360.D Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Analysis Type: WATER Init. Cal. Times: 18:07 10:53
Lab Sample ID: 50NG-A9CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71220A-IC.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
14 Dichlorofluoromethane	0.42044	0.40923	0.40923	0.010	2.66709	50.00000	Averaged	
89 Ethyl Ether	0.21880	0.18720	0.18720	0.010	14.44453	50.00000	Averaged	
91 3-Chloropropene	0.12591	0.13190	0.13190	0.010	-4.76062	50.00000	Averaged	
92 Isopropyl Ether	0.22375	0.21162	0.21162	0.010	5.41908	50.00000	Averaged	
93 2-Chloro-1,3-butadiene	0.41607	0.27425	0.27425	0.010	34.08628	50.00000	Averaged	
94 Propionitrile	0.03506	0.02615	0.02615	0.010	25.41792	50.00000	Averaged	
95 Ethyl Acetate	0.19522	0.14818	0.14818	0.010	24.09595	50.00000	Averaged	
96 Methacrylonitrile	0.14029	0.10137	0.10137	0.010	27.74394	50.00000	Averaged	
97 Isobutanol	0.00957	0.00617	0.00617	0.010	35.58116	50.00000	Averaged	<-
99 n-Butanol	0.00885	0.00528	0.00528	0.010	40.25407	50.00000	Averaged	<-
100 Methyl Methacrylate	0.18043	0.13148	0.13148	0.010	27.13005	50.00000	Averaged	
101 2-Nitropropane	0.04439	0.02024	0.02024	0.010	54.41544	50.00000	Averaged	<-
103 Cyclohexanone	0.03221	0.01604	0.01604	0.010	50.20580	50.00000	Averaged	<-
146 2-Methylnaphthalene	0.72349	0.70963	0.70963	0.010	1.91611	50.00000	Averaged	
140 1-Chlorohexane	0.37113	0.35311	0.35311	0.010	4.85457	50.00000	Averaged	
152 n-Heptane	0.27264	0.30913	0.30913	0.010	-13.38368	50.00000	Averaged	
153 t-Butyl ethyl ether	0.74844	0.73738	0.73738	0.010	1.47801	50.00000	Averaged	
154 t-Amyl methyl ether	0.60305	0.61554	0.61554	0.010	-2.07145	50.00000	Averaged	
155 1,2,3-Trimethylbenzene	2.71636	2.55332	2.55332	0.010	6.00210	50.00000	Averaged	

5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: BFB2499 BFB Injection Date: 12/21/07

Instrument ID: A3UX10 BFB Injection Time: 1013

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.1
75	30.0 - 60.0% of mass 95	46.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 100.0% of mass 95	92.0
175	5.0 - 9.0% of mass 174	6.8 (7.4)1
176	Greater than 95.0%, but less than 101.0% of mass 174	87.8 (95.5)1
177	5.0 - 9.0% of mass 176	5.9 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	50NG-CC	UXX9410	12/21/07	1052
02	VSTD010	50NG-A9CC	UXX9411	12/21/07	1114
03	KEQ1H-CHK	KEQ1H1AC	UXX9412	12/21/07	1137
04	KEQ1H-CKDUP	KEQ1H1AD	UXX9413	12/21/07	1158
05	KEQ1H-BLK	KEQ1H1AA	UXX9414	12/21/07	1220
06	MW74A-121207	KD7CM1CF	UXX9415	12/21/07	1310
07	RW-01I-12120	KD7EX1CF	UXX9416	12/21/07	1332
08	TB-121207	KD7DD1AA	UXX9417	12/21/07	1354
09					
10					
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14					
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18					
19					
20					
21					
22					

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71221A.b\UXX9410.D
Report Date: 21-Dec-2007 11:41

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 21-DEC-2007 10:52
Lab File ID: UXX9410.D Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Analysis Type: WATER Init. Cal. Times: 18:07 10:53
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71221A.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 4 Dibromofluoromethane	0.23245	0.19838	0.19838	0.010	14.65742	50.00000	Averaged
$ 5 1,2-Dichloroethane-d4	0.24437	0.20766	0.20766	0.010	15.02392	50.00000	Averaged
$ 6 Toluene-d8	1.17831	1.10710	1.10710	0.010	6.04346	50.00000	Averaged
$ 7 Bromofluorobenzene	0.45584	0.41236	0.41236	0.010	9.53929	50.00000	Averaged
8 Dichlorodifluoromethane	0.20323	0.18194	0.18194	0.010	10.47374	50.00000	Averaged
9 Chloromethane	0.29420	0.25235	0.25235	0.100	14.22426	50.00000	Averaged
10 Vinyl Chloride	0.32718	0.28969	0.28969	0.010	11.45828	20.00000	Averaged
11 Bromomethane	0.20099	0.16344	0.16344	0.010	18.68306	50.00000	Averaged
12 Chloroethane	0.20803	0.17569	0.17569	0.010	15.54400	50.00000	Averaged
13 Trichlorofluoromethane	0.23688	0.19224	0.19224	0.010	18.84413	50.00000	Averaged
15 Acrolein	500	170	0.00529	0.010	65.94171	0.000e+000	Quadratic <-
16 Acetone	100	91.89968	0.05620	0.010	8.10032	0.000e+000	Wt Linear
17 1,1-Dichloroethene	0.28031	0.25469	0.25469	0.010	9.13843	20.00000	Averaged
18 Freon-113	0.22511	0.20073	0.20073	0.010	10.82950	50.00000	Averaged
19 Iodomethane	0.48545	0.43234	0.43234	0.010	10.94141	50.00000	Averaged
20 Carbon Disulfide	0.81069	0.71415	0.71415	0.010	11.90811	50.00000	Averaged
21 Methylene Chloride	50.00000	42.88818	0.27125	0.010	14.22364	0.000e+000	Wt Linear
22 Acetonitrile	0.02745	0.02271	0.02271	0.010	17.25588	50.00000	Averaged
23 Acrylonitrile	0.08217	0.07132	0.07132	0.010	13.20143	50.00000	Averaged
24 Methyl tert-butyl ether	0.73376	0.66511	0.66511	0.010	9.35648	50.00000	Averaged
25 trans-1,2-Dichloroethene	0.29900	0.27460	0.27460	0.010	8.15833	50.00000	Averaged
26 Hexane	0.06234	0.06044	0.06044	0.010	3.05565	20.00000	Averaged
27 Vinyl acetate	0.22515	0.10699	0.10699	0.010	52.48045	50.00000	Averaged <-
28 1,1-Dichloroethane	0.41992	0.39386	0.39386	0.100	6.20519	50.00000	Averaged
29 tert-Butyl Alcohol	0.02017	0.01674	0.01674	0.010	17.03331	50.00000	Averaged
30 2-Butanone	0.08139	0.07292	0.07292	0.010	10.40620	50.00000	Averaged
M 31 1,2-Dichloroethene (total)	0.29161	0.26712	0.26712	0.010	8.39571	50.00000	Averaged
32 cis-1,2-dichloroethene	0.28422	0.25964	0.25964	0.010	8.64544	50.00000	Averaged
33 2,2-Dichloropropane	0.25922	0.23266	0.23266	0.010	10.24388	50.00000	Averaged
34 Bromochloromethane	0.14233	0.13372	0.13372	0.010	6.05508	50.00000	Averaged
35 Chloroform	0.41861	0.37940	0.37940	0.010	9.36732	20.00000	Averaged
36 Tetrahydrofuran	0.05201	0.05037	0.05037	0.010	3.15193	50.00000	Averaged
37 1,1,1-Trichloroethane	0.33872	0.29905	0.29905	0.010	11.71305	50.00000	Averaged
38 1,1-Dichloropropene	0.32044	0.30363	0.30363	0.010	5.24602	50.00000	Averaged
39 Carbon Tetrachloride	0.28186	0.24399	0.24399	0.010	13.43641	50.00000	Averaged
40 1,2-Dichloroethane	0.29098	0.27329	0.27329	0.010	6.08007	50.00000	Averaged
41 Benzene	1.02830	0.96164	0.96164	0.010	6.48260	50.00000	Averaged
42 Trichloroethene	0.28545	0.26995	0.26995	0.010	5.43099	50.00000	Averaged
43 1,2-Dichloropropane	0.22339	0.21295	0.21295	0.010	4.67369	20.00000	Averaged
44 1,4-Dioxane	0.00264	0.00182	0.00182	0.010	30.90146	50.00000	Averaged <-
45 Dibromomethane	0.13353	0.12532	0.12532	0.010	6.15099	50.00000	Averaged
46 Bromodichloromethane	0.26927	0.24323	0.24323	0.010	9.66982	50.00000	Averaged
47 2-Chloroethyl vinyl ether	0.11259	0.10196	0.10196	0.010	9.43452	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71221A.b\UXX9410.D
Report Date: 21-Dec-2007 11:41

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i
Lab File ID: UXX9410.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71221A.b\8260LLUX10.m

Injection Date: 21-DEC-2007 10:52
Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Init. Cal. Times: 18:07 10:53
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
48 cis-1,3-Dichloropropene	50.00000	43.85013	0.29061	0.010	12.29974	0.000e+000	Wt Linear
49 4-Methyl-2-pentanone	0.16583	0.14213	0.14213	0.010	14.29288	50.00000	Averaged
50 Toluene	1.37790	1.42159	1.42159	0.010	-3.17090	20.00000	Averaged
51 trans-1,3-Dichloropropene	50.00000	44.09613	0.31192	0.010	11.80774	0.000e+000	Wt Linear
52 Ethyl Methacrylate	0.32296	0.30928	0.30928	0.010	4.23443	50.00000	Averaged
53 1,1,2-Trichloroethane	0.26126	0.25752	0.25752	0.010	1.43351	50.00000	Averaged
54 1,3-Dichloropropane	0.44853	0.44641	0.44641	0.010	0.47281	50.00000	Averaged
55 Tetrachloroethene	0.31955	0.32224	0.32224	0.010	-0.84341	50.00000	Averaged
56 2-Hexanone	0.14254	0.13186	0.13186	0.010	7.49296	50.00000	Averaged
57 Dibromochloromethane	0.25495	0.24255	0.24255	0.010	4.86382	50.00000	Averaged
58 1,2-Dibromoethane	0.25833	0.25523	0.25523	0.010	1.20046	50.00000	Averaged
59 Chlorobenzene	0.97874	0.95950	0.95950	0.300	1.96582	50.00000	Averaged
60 1,1,1,2-Tetrachloroethane	0.31435	0.29134	0.29134	0.010	7.32002	50.00000	Averaged
61 Ethylbenzene	0.51093	0.51451	0.51451	0.010	-0.69993	20.00000	Averaged
62 m + p-Xylene	0.65237	0.66061	0.66061	0.010	-1.26361	50.00000	Averaged
M 63 Xylenes (total)	0.65154	0.65911	0.65911	0.010	-1.16213	50.00000	Averaged
64 Xylene-o	0.64988	0.65611	0.65611	0.010	-0.95839	50.00000	Averaged
65 Styrene	1.05619	1.06224	1.06224	0.010	-0.57272	50.00000	Averaged
66 Bromoform	50.00000	39.93909	0.14163	0.100	20.12181	0.000e+000	Wt Linear
67 Isopropylbenzene	1.55495	1.54985	1.54985	0.010	0.32771	50.00000	Averaged
68 1,1,2,2-Tetrachloroethane	0.55942	0.54484	0.54484	0.300	2.60738	50.00000	Averaged
69 1,4-Dichloro-2-butene	50.00000	52.96157	0.06884	0.010	-5.92313	0.000e+000	Quadratic
70 1,2,3-Trichloropropane	0.17328	0.17115	0.17115	0.010	1.23003	50.00000	Averaged
71 Bromobenzene	0.72304	0.72091	0.72091	0.010	0.29417	50.00000	Averaged
72 n-Propylbenzene	0.78269	0.79877	0.79877	0.010	-2.05454	50.00000	Averaged
73 2-Chlorotoluene	0.68357	0.69275	0.69275	0.010	-1.34358	50.00000	Averaged
74 1,3,5-Trimethylbenzene	2.29281	2.33628	2.33628	0.010	-1.89580	50.00000	Averaged
75 4-Chlorotoluene	0.70890	0.70542	0.70542	0.010	0.49196	50.00000	Averaged
76 tert-Butylbenzene	2.11485	2.16106	2.16106	0.010	-2.18498	50.00000	Averaged
77 1,2,4-Trimethylbenzene	2.37770	2.39678	2.39678	0.010	-0.80222	50.00000	Averaged
78 sec-Butylbenzene	3.02623	3.02577	3.02577	0.010	0.01508	50.00000	Averaged
79 4-Isopropyltoluene	2.61820	2.65334	2.65334	0.010	-1.34239	50.00000	Averaged
80 1,3-Dichlorobenzene	1.48899	1.45221	1.45221	0.010	2.47038	50.00000	Averaged
81 1,4-Dichlorobenzene	1.56251	1.50702	1.50702	0.010	3.55136	50.00000	Averaged
82 n-Butylbenzene	2.17655	2.20200	2.20200	0.010	-1.16908	50.00000	Averaged
83 1,2-Dichlorobenzene	1.41673	1.38186	1.38186	0.010	2.46152	50.00000	Averaged
84 1,2-Dibromo-3-chloropropane	0.09196	0.07690	0.07690	0.010	16.37943	50.00000	Averaged
85 1,2,4-Trichlorobenzene	0.95285	0.84647	0.84647	0.010	11.16390	50.00000	Averaged
86 Hexachlorobutadiene	0.48929	0.43495	0.43495	0.010	11.10684	50.00000	Averaged
87 Naphthalene	1.81327	1.53759	1.53759	0.010	15.20340	50.00000	Averaged
88 1,2,3-Trichlorobenzene	0.89871	0.73813	0.73813	0.010	17.86769	50.00000	Averaged
98 Cyclohexane	0.45369	0.43274	0.43274	0.010	4.61878	50.00000	Averaged
143 Methyl Acetate	0.16686	0.16055	0.16055	0.010	3.78338	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71221A.b\UXX9410.D
Report Date: 21-Dec-2007 11:41

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i
Lab File ID: UXX9410.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71221A.b\8260LLUX10.m

Injection Date: 21-DEC-2007 10:52
Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Init. Cal. Times: 18:07 10:53
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
144 Methylcyclohexane	0.50401	0.46945	0.46945	0.010	6.85844	50.00000	Averaged
141 1,3,5-Trichlorobenzene	1.08184	1.01513	1.01513	0.010	6.16593	50.00000	Averaged
149 Vinyl Acetate-86	0.02824	0.01489	0.01489	0.010	47.26529	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71221A.b\UXX9411.D
Report Date: 21-Dec-2007 11:41

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 21-DEC-2007 11:14
Lab File ID: UXX9411.D Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Analysis Type: WATER Init. Cal. Times: 18:07 10:53
Lab Sample ID: 50NG-A9CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71221A.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
14 Dichlorofluoromethane	0.42044	0.41572	0.41572	0.010	1.12318	50.00000	Averaged	
89 Ethyl Ether	0.21880	0.19052	0.19052	0.010	12.92587	50.00000	Averaged	
91 3-Chloropropene	0.12591	0.13691	0.13691	0.010	-8.73858	50.00000	Averaged	
92 Isopropyl Ether	0.22375	0.22179	0.22179	0.010	0.87228	50.00000	Averaged	
93 2-Chloro-1,3-butadiene	0.41607	0.27181	0.27181	0.010	34.67309	50.00000	Averaged	
94 Propionitrile	0.03506	0.02478	0.02478	0.010	29.31342	50.00000	Averaged	
95 Ethyl Acetate	0.19522	0.14356	0.14356	0.010	26.46141	50.00000	Averaged	
96 Methacrylonitrile	0.14029	0.10140	0.10140	0.010	27.72018	50.00000	Averaged	
97 Isobutanol	0.00957	0.00612	0.00612	0.010	36.02912	50.00000	Averaged	<-
99 n-Butanol	0.00885	0.00483	0.00483	0.010	45.40643	50.00000	Averaged	<-
100 Methyl Methacrylate	0.18043	0.12800	0.12800	0.010	29.05965	50.00000	Averaged	
101 2-Nitropropane	0.04439	0.02091	0.02091	0.010	52.89918	50.00000	Averaged	<-
103 Cyclohexanone	0.03221	0.01512	0.01512	0.010	53.05147	50.00000	Averaged	<-
146 2-Methylnaphthalene	0.72349	0.79437	0.79437	0.010	-9.79620	50.00000	Averaged	
153 t-Butyl ethyl ether	0.74844	0.74225	0.74225	0.010	0.82727	50.00000	Averaged	
154 t-Amyl methyl ether	0.60305	0.60169	0.60169	0.010	0.22608	50.00000	Averaged	
155 1,2,3-Trimethylbenzene	2.71636	2.59054	2.59054	0.010	4.63203	50.00000	Averaged	

5A
VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: BFB2503 BFB Injection Date: 12/24/07

Instrument ID: A3UX10 BFB Injection Time: 1000

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.2
75	30.0 - 60.0% of mass 95	44.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.5
173	Less than 2.0% of mass 174	0.4 (0.6)1
174	50.0 - 100.0% of mass 95	69.0
175	5.0 - 9.0% of mass 174	6.0 (8.6)1
176	Greater than 95.0%, but less than 101.0% of mass 174	69.0 (100.0)1
177	5.0 - 9.0% of mass 176	3.8 (5.6)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	50NG-CC	UXX9525	12/24/07	1042
02	VSTD010	50NG-A9CC	UXX9526	12/24/07	1218
03	KERP0-CHK	KERP01AC	UXX9527	12/24/07	1240
04	KERP0-CKDUP	KERP01AD	UXX9528	12/24/07	1301
05	KERP0-BLK	KERP01AA	UXX9529	12/24/07	1324
06	TB-121407	KD88N1AA	UXX9535	12/24/07	1538
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Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71224A.b\UXX9525.D
Report Date: 24-Dec-2007 12:39

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i
Lab File ID: UXX9525.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71224A.b\8260LLUX10.m

Injection Date: 24-DEC-2007 10:42
Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Init. Cal. Times: 18:07 10:53
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
$ 4 Dibromofluoromethane	0.23245	0.20527	0.20527	0.010	11.69421	50.00000	Averaged	
$ 5 1,2-Dichloroethane-d4	0.24437	0.21160	0.21160	0.010	13.40937	50.00000	Averaged	
$ 6 Toluene-d8	1.17831	1.13196	1.13196	0.010	3.93343	50.00000	Averaged	
$ 7 Bromofluorobenzene	0.45584	0.40889	0.40889	0.010	10.30161	50.00000	Averaged	
8 Dichlorodifluoromethane	0.20323	0.17942	0.17942	0.010	11.71629	50.00000	Averaged	
9 Chloromethane	0.29420	0.26791	0.26791	0.100	8.93576	50.00000	Averaged	
10 Vinyl Chloride	0.32718	0.28358	0.28358	0.010	13.32687	20.00000	Averaged	
11 Bromomethane	0.20099	0.16442	0.16442	0.010	18.19481	50.00000	Averaged	
12 Chloroethane	0.20803	0.17821	0.17821	0.010	14.33709	50.00000	Averaged	
13 Trichlorofluoromethane	0.23688	0.21124	0.21124	0.010	10.82263	50.00000	Averaged	
15 Acrolein	500	247	0.00832	0.010	50.59166	0.000e+000	Quadratic	<-
16 Acetone	100	83.64145	0.05171	0.010	16.35855	0.000e+000	Wt Linear	
17 1,1-Dichloroethene	0.28031	0.23463	0.23463	0.010	16.29369	20.00000	Averaged	
18 Freon-113	0.22511	0.18491	0.18491	0.010	17.85697	50.00000	Averaged	
19 Iodomethane	0.48545	0.40901	0.40901	0.010	15.74704	50.00000	Averaged	
20 Carbon Disulfide	0.81069	0.67941	0.67941	0.010	16.19345	50.00000	Averaged	
21 Methylene Chloride	50.00000	41.29336	0.26174	0.010	17.41328	0.000e+000	Wt Linear	
22 Acetonitrile	0.02745	0.02493	0.02493	0.010	9.15933	50.00000	Averaged	
23 Acrylonitrile	0.08217	0.07693	0.07693	0.010	6.36737	50.00000	Averaged	
24 Methyl tert-butyl ether	0.73376	0.60941	0.60941	0.010	16.94724	50.00000	Averaged	
25 trans-1,2-Dichloroethene	0.29900	0.26416	0.26416	0.010	11.65110	50.00000	Averaged	
26 Hexane	0.06234	0.05862	0.05862	0.010	5.98147	20.00000	Averaged	
27 Vinyl acetate	0.22515	0.23759	0.23759	0.010	-5.52725	50.00000	Averaged	
28 1,1-Dichloroethane	0.41992	0.37715	0.37715	0.100	10.18494	50.00000	Averaged	
29 tert-Butyl Alcohol	0.02017	0.01531	0.01531	0.010	24.10901	50.00000	Averaged	
30 2-Butanone	0.08139	0.07824	0.07824	0.010	3.87652	50.00000	Averaged	
M 31 1,2-Dichloroethene (total)	0.29161	0.26134	0.26134	0.010	10.37977	50.00000	Averaged	
32 cis-1,2-dichloroethene	0.28422	0.25852	0.25852	0.010	9.04232	50.00000	Averaged	
33 2,2-Dichloropropane	0.25922	0.21760	0.21760	0.010	16.05387	50.00000	Averaged	
34 Bromochloromethane	0.14233	0.13186	0.13186	0.010	7.35748	50.00000	Averaged	
35 Chloroform	0.41861	0.36918	0.36918	0.010	11.80796	20.00000	Averaged	
36 Tetrahydrofuran	0.05201	0.04762	0.04762	0.010	8.44080	50.00000	Averaged	
37 1,1,1-Trichloroethane	0.33872	0.29215	0.29215	0.010	13.74885	50.00000	Averaged	
38 1,1-Dichloropropene	0.32044	0.29007	0.29007	0.010	9.47980	50.00000	Averaged	
39 Carbon Tetrachloride	0.28186	0.24370	0.24370	0.010	13.53914	50.00000	Averaged	
40 1,2-Dichloroethane	0.29098	0.25150	0.25150	0.010	13.56979	50.00000	Averaged	
41 Benzene	1.02830	0.95544	0.95544	0.010	7.08602	50.00000	Averaged	
42 Trichloroethene	0.28545	0.26708	0.26708	0.010	6.43715	50.00000	Averaged	
43 1,2-Dichloropropane	0.22339	0.21394	0.21394	0.010	4.22869	20.00000	Averaged	
44 1,4-Dioxane	0.00264	0.00208	0.00208	0.010	21.10550	50.00000	Averaged	<-
45 Dibromomethane	0.13353	0.12349	0.12349	0.010	7.51924	50.00000	Averaged	
46 Bromodichloromethane	0.26927	0.24756	0.24756	0.010	8.06347	50.00000	Averaged	
47 2-Chloroethyl vinyl ether	0.11259	0.11145	0.11145	0.010	1.01278	50.00000	Averaged	

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71224A.b\UXX9525.D
Report Date: 24-Dec-2007 12:39

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i
Lab File ID: UXX9525.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71224A.b\8260LLUX10.m

Injection Date: 24-DEC-2007 10:42
Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Init. Cal. Times: 18:07 10:53
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
48 cis-1,3-Dichloropropene	50.00000	44.62633	0.29603	0.010	10.74734	0.000e+000	Wt Linear
49 4-Methyl-2-pentanone	0.16583	0.15518	0.15518	0.010	6.42373	50.00000	Averaged
50 Toluene	1.37790	1.37995	1.37995	0.010	-0.14913	20.00000	Averaged
51 trans-1,3-Dichloropropene	50.00000	43.98425	0.31108	0.010	12.03150	0.000e+000	Wt Linear
52 Ethyl Methacrylate	0.32296	0.28198	0.28198	0.010	12.68729	50.00000	Averaged
53 1,1,2-Trichloroethane	0.26126	0.24757	0.24757	0.010	5.24096	50.00000	Averaged
54 1,3-Dichloropropane	0.44853	0.42682	0.42682	0.010	4.84091	50.00000	Averaged
55 Tetrachloroethene	0.31955	0.30710	0.30710	0.010	3.89512	50.00000	Averaged
56 2-Hexanone	0.14254	0.12607	0.12607	0.010	11.55437	50.00000	Averaged
57 Dibromochloromethane	0.25495	0.25102	0.25102	0.010	1.54182	50.00000	Averaged
58 1,2-Dibromoethane	0.25833	0.24169	0.24169	0.010	6.44395	50.00000	Averaged
59 Chlorobenzene	0.97874	0.90928	0.90928	0.300	7.09640	50.00000	Averaged
60 1,1,1,2-Tetrachloroethane	0.31435	0.30512	0.30512	0.010	2.93465	50.00000	Averaged
61 Ethylbenzene	0.51093	0.49154	0.49154	0.010	3.79564	20.00000	Averaged
62 m + p-Xylene	0.65237	0.62785	0.62785	0.010	3.75839	50.00000	Averaged
M 63 Xylenes (total)	0.65154	0.63344	0.63344	0.010	2.77723	50.00000	Averaged
64 Xylene-o	0.64988	0.64464	0.64464	0.010	0.80741	50.00000	Averaged
65 Styrene	1.05619	1.01425	1.01425	0.010	3.97066	50.00000	Averaged
66 Bromoform	50.00000	45.68401	0.16339	0.100	8.63198	0.000e+000	Wt Linear
67 Isopropylbenzene	1.55495	1.49180	1.49180	0.010	4.06108	50.00000	Averaged
68 1,1,2,2-Tetrachloroethane	0.55942	0.53691	0.53691	0.300	4.02458	50.00000	Averaged
69 1,4-Dichloro-2-butene	50.00000	67.61230	0.09078	0.010	-35.22459	0.000e+000	Quadratic
70 1,2,3-Trichloropropane	0.17328	0.16527	0.16527	0.010	4.62755	50.00000	Averaged
71 Bromobenzene	0.72304	0.68512	0.68512	0.010	5.24489	50.00000	Averaged
72 n-Propylbenzene	0.78269	0.74685	0.74685	0.010	4.57924	50.00000	Averaged
73 2-Chlorotoluene	0.68357	0.65565	0.65565	0.010	4.08443	50.00000	Averaged
74 1,3,5-Trimethylbenzene	2.29281	2.20847	2.20847	0.010	3.67854	50.00000	Averaged
75 4-Chlorotoluene	0.70890	0.67277	0.67277	0.010	5.09677	50.00000	Averaged
76 tert-Butylbenzene	2.11485	2.06204	2.06204	0.010	2.49684	50.00000	Averaged
77 1,2,4-Trimethylbenzene	2.37770	2.24362	2.24362	0.010	5.63930	50.00000	Averaged
78 sec-Butylbenzene	3.02623	2.87609	2.87609	0.010	4.96130	50.00000	Averaged
79 4-Isopropyltoluene	2.61820	2.45720	2.45720	0.010	6.14929	50.00000	Averaged
80 1,3-Dichlorobenzene	1.48899	1.37260	1.37260	0.010	7.81643	50.00000	Averaged
81 1,4-Dichlorobenzene	1.56251	1.45006	1.45006	0.010	7.19699	50.00000	Averaged
82 n-Butylbenzene	2.17655	2.04262	2.04262	0.010	6.15322	50.00000	Averaged
83 1,2-Dichlorobenzene	1.41673	1.33041	1.33041	0.010	6.09269	50.00000	Averaged
84 1,2-Dibromo-3-chloropropane	0.09196	0.08358	0.08358	0.010	9.11376	50.00000	Averaged
85 1,2,4-Trichlorobenzene	0.95285	0.84400	0.84400	0.010	11.42313	50.00000	Averaged
86 Hexachlorobutadiene	0.48929	0.42424	0.42424	0.010	13.29518	50.00000	Averaged
87 Naphthalene	1.81327	1.49743	1.49743	0.010	17.41860	50.00000	Averaged
88 1,2,3-Trichlorobenzene	0.89871	0.74167	0.74167	0.010	17.47405	50.00000	Averaged
98 Cyclohexane	0.45369	0.41926	0.41926	0.010	7.58901	50.00000	Averaged
143 Methyl Acetate	0.16686	0.14249	0.14249	0.010	14.60600	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71224A.b\UXX9525.D
Report Date: 24-Dec-2007 12:39

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 24-DEC-2007 10:42
Lab File ID: UXX9525.D Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Analysis Type: WATER Init. Cal. Times: 18:07 10:53
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71224A.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
144 Methylcyclohexane	0.50401	0.46122	0.46122	0.010	8.49022	50.00000	Averaged
141 1,3,5-Trichlorobenzene	1.08184	0.98082	0.98082	0.010	9.33755	50.00000	Averaged
149 Vinyl Acetate-86	0.02824	0.03266	0.03266	0.010	-15.68623	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71224A.b\UXX9526.D
Report Date: 24-Dec-2007 12:33

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 24-DEC-2007 12:18
Lab File ID: UXX9526.D Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Analysis Type: WATER Init. Cal. Times: 18:07 10:53
Lab Sample ID: 50NG-A9CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71224A.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
14 Dichlorofluoromethane	0.42044	0.37310	0.37310	0.010	11.26061	50.00000	Averaged	
89 Ethyl Ether	0.21880	0.16794	0.16794	0.010	23.24575	50.00000	Averaged	
91 3-Chloropropene	0.12591	0.12198	0.12198	0.010	3.12351	50.00000	Averaged	
92 Isopropyl Ether	0.22375	0.21020	0.21020	0.010	6.05192	50.00000	Averaged	
93 2-Chloro-1,3-butadiene	0.41607	0.25608	0.25608	0.010	38.45408	50.00000	Averaged	
94 Propionitrile	0.03506	0.02574	0.02574	0.010	26.59310	50.00000	Averaged	
95 Ethyl Acetate	0.19522	0.13635	0.13635	0.010	30.15716	50.00000	Averaged	
96 Methacrylonitrile	0.14029	0.09578	0.09578	0.010	31.73016	50.00000	Averaged	
97 Isobutanol	0.00957	0.00626	0.00626	0.010	34.60582	50.00000	Averaged	<-
99 n-Butanol	0.00885	0.00484	0.00484	0.010	45.31047	50.00000	Averaged	<-
100 Methyl Methacrylate	0.18043	0.10991	0.10991	0.010	39.08394	50.00000	Averaged	
101 2-Nitropropane	0.04439	0.01872	0.01872	0.010	57.84079	50.00000	Averaged	<-
103 Cyclohexanone	0.03221	0.01324	0.01324	0.010	58.90638	50.00000	Averaged	<-
146 2-Methylnaphthalene	0.72349	0.69853	0.69853	0.010	3.45059	50.00000	Averaged	
153 t-Butyl ethyl ether	0.74844	0.66024	0.66024	0.010	11.78472	50.00000	Averaged	
154 t-Amyl methyl ether	0.60305	0.54347	0.54347	0.010	9.87966	50.00000	Averaged	
155 1,2,3-Trimethylbenzene	2.71636	2.44409	2.44409	0.010	10.02328	50.00000	Averaged	

5A

VOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: BFB2504 BFB Injection Date: 12/26/07

Instrument ID: A3UX10 BFB Injection Time: 0951

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.4
75	30.0 - 60.0% of mass 95	43.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.2
173	Less than 2.0% of mass 174	0.4 (0.5)1
174	50.0 - 100.0% of mass 95	80.3
175	5.0 - 9.0% of mass 174	5.5 (6.8)1
176	Greater than 95.0%, but less than 101.0% of mass 174	76.4 (95.1)1
177	5.0 - 9.0% of mass 176	5.4 (7.1)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	50NG-CC	UXX9554	12/26/07	1014
02	VSTD010	50NG-A9CC	UXX9555	12/26/07	1036
03	KETQ2-CHK	KETQ21AC	UXX9556	12/26/07	1058
04	KETQ2-CKDUP	KETQ21AD	UXX9557	12/26/07	1121
05	KETQ2-BLK	KETQ21AA	UXX9558	12/26/07	1143
06	MW74A-121407	KD88H1AA	UXX9565	12/26/07	1507
07	RW-01I121407	KD88Q1AM	UXX9566	12/26/07	1530
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Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\UXX9554.D
Report Date: 26-Dec-2007 10:57

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i
Lab File ID: UXX9554.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\8260LLUX10.m

Injection Date: 26-DEC-2007 10:14
Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Init. Cal. Times: 18:07 10:53
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 4 Dibromofluoromethane	0.23245	0.20755	0.20755	0.010	10.71224	50.00000	Averaged
$ 5 1,2-Dichloroethane-d4	0.24437	0.19538	0.19538	0.010	20.04903	50.00000	Averaged
$ 6 Toluene-d8	1.17831	1.15390	1.15390	0.010	2.07129	50.00000	Averaged
$ 7 Bromofluorobenzene	0.45584	0.40120	0.40120	0.010	11.98712	50.00000	Averaged
8 Dichlorodifluoromethane	0.20323	0.20755	0.20755	0.010	-2.12526	50.00000	Averaged
9 Chloromethane	0.29420	0.28108	0.28108	0.100	4.46131	50.00000	Averaged
10 Vinyl Chloride	0.32718	0.30641	0.30641	0.010	6.34920	20.00000	Averaged
11 Bromomethane	0.20099	0.18137	0.18137	0.010	9.76191	50.00000	Averaged
12 Chloroethane	0.20803	0.18554	0.18554	0.010	10.81206	50.00000	Averaged
13 Trichlorofluoromethane	0.23688	0.24669	0.24669	0.010	-4.14250	50.00000	Averaged
15 Acrolein	500	295	0.01010	0.010	41.03455	0.000e+000	Quadratic
16 Acetone	100	73.58471	0.04623	0.010	26.41529	0.000e+000	Wt Linear
17 1,1-Dichloroethene	0.28031	0.27486	0.27486	0.010	1.94127	20.00000	Averaged
18 Freon-113	0.22511	0.22953	0.22953	0.010	-1.96425	50.00000	Averaged
19 Iodomethane	0.48545	0.47034	0.47034	0.010	3.11353	50.00000	Averaged
20 Carbon Disulfide	0.81069	0.82669	0.82669	0.010	-1.97384	50.00000	Averaged
21 Methylene Chloride	50.00000	47.15456	0.29669	0.010	5.69088	0.000e+000	Wt Linear
22 Acetonitrile	0.02745	0.02242	0.02242	0.010	18.32971	50.00000	Averaged
23 Acrylonitrile	0.08217	0.06989	0.06989	0.010	14.93495	50.00000	Averaged
24 Methyl tert-butyl ether	0.73376	0.65128	0.65128	0.010	11.24157	50.00000	Averaged
25 trans-1,2-Dichloroethene	0.29900	0.28792	0.28792	0.010	3.70391	50.00000	Averaged
26 Hexane	0.06234	0.06858	0.06858	0.010	-10.00296	20.00000	Averaged
27 Vinyl acetate	0.22515	0.18597	0.18597	0.010	17.40248	50.00000	Averaged
28 1,1-Dichloroethane	0.41992	0.41330	0.41330	0.100	1.57631	50.00000	Averaged
29 tert-Butyl Alcohol	0.02017	0.01449	0.01449	0.010	28.16333	50.00000	Averaged
30 2-Butanone	0.08139	0.06769	0.06769	0.010	16.83259	50.00000	Averaged
M 31 1,2-Dichloroethene (total)	0.29161	0.28325	0.28325	0.010	2.86400	50.00000	Averaged
32 cis-1,2-dichloroethene	0.28422	0.27859	0.27859	0.010	1.98042	50.00000	Averaged
33 2,2-Dichloropropane	0.25922	0.23134	0.23134	0.010	10.75354	50.00000	Averaged
34 Bromochloromethane	0.14233	0.14148	0.14148	0.010	0.59970	50.00000	Averaged
35 Chloroform	0.41861	0.39468	0.39468	0.010	5.71551	20.00000	Averaged
36 Tetrahydrofuran	0.05201	0.04620	0.04620	0.010	11.17226	50.00000	Averaged
37 1,1,1-Trichloroethane	0.33872	0.33109	0.33109	0.010	2.25238	50.00000	Averaged
38 1,1-Dichloropropene	0.32044	0.32103	0.32103	0.010	-0.18308	50.00000	Averaged
39 Carbon Tetrachloride	0.28186	0.27030	0.27030	0.010	4.10211	50.00000	Averaged
40 1,2-Dichloroethane	0.29098	0.26121	0.26121	0.010	10.23176	50.00000	Averaged
41 Benzene	1.02830	1.02387	1.02387	0.010	0.43126	50.00000	Averaged
42 Trichloroethene	0.28545	0.28860	0.28860	0.010	-1.10163	50.00000	Averaged
43 1,2-Dichloropropane	0.22339	0.22778	0.22778	0.010	-1.96802	20.00000	Averaged
44 1,4-Dioxane	0.00264	0.00199	0.00199	0.010	24.52247	50.00000	Averaged <-
45 Dibromomethane	0.13353	0.13256	0.13256	0.010	0.72449	50.00000	Averaged
46 Bromodichloromethane	0.26927	0.26116	0.26116	0.010	3.01317	50.00000	Averaged
47 2-Chloroethyl vinyl ether	0.11259	0.09902	0.09902	0.010	12.04977	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\UXX9554.D
Report Date: 26-Dec-2007 10:57

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i
Lab File ID: UXX9554.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\8260LLUX10.m

Injection Date: 26-DEC-2007 10:14
Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Init. Cal. Times: 18:07 10:53
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
48 cis-1,3-Dichloropropene	50.00000	45.88788	0.30483	0.010	8.22424	0.000e+000	Wt Linear
49 4-Methyl-2-pentanone	0.16583	0.13693	0.13693	0.010	17.42479	50.00000	Averaged
50 Toluene	1.37790	1.49859	1.49859	0.010	-8.75902	20.00000	Averaged
51 trans-1,3-Dichloropropene	50.00000	44.07001	0.31172	0.010	11.85998	0.000e+000	Wt Linear
52 Ethyl Methacrylate	0.32296	0.28640	0.28640	0.010	11.32108	50.00000	Averaged
53 1,1,2-Trichloroethane	0.26126	0.26760	0.26760	0.010	-2.42720	50.00000	Averaged
54 1,3-Dichloropropane	0.44853	0.44642	0.44642	0.010	0.47117	50.00000	Averaged
55 Tetrachloroethene	0.31955	0.34291	0.34291	0.010	-7.30989	50.00000	Averaged
56 2-Hexanone	0.14254	0.11815	0.11815	0.010	17.10588	50.00000	Averaged
57 Dibromochloromethane	0.25495	0.26874	0.26874	0.010	-5.40969	50.00000	Averaged
58 1,2-Dibromoethane	0.25833	0.24932	0.24932	0.010	3.48846	50.00000	Averaged
59 Chlorobenzene	0.97874	0.97593	0.97593	0.300	0.28740	50.00000	Averaged
60 1,1,1,2-Tetrachloroethane	0.31435	0.32343	0.32343	0.010	-2.89008	50.00000	Averaged
61 Ethylbenzene	0.51093	0.53323	0.53323	0.010	-4.36470	20.00000	Averaged
62 m + p-Xylene	0.65237	0.69110	0.69110	0.010	-5.93791	50.00000	Averaged
M 63 Xylenes (total)	0.65154	0.69130	0.69130	0.010	-6.10202	50.00000	Averaged
64 Xylene-o	0.64988	0.69168	0.69168	0.010	-6.43150	50.00000	Averaged
65 Styrene	1.05619	1.07350	1.07350	0.010	-1.63896	50.00000	Averaged
66 Bromoform	50.00000	45.23423	0.16168	0.100	9.53153	0.000e+000	Wt Linear
67 Isopropylbenzene	1.55495	1.64568	1.64568	0.010	-5.83468	50.00000	Averaged
68 1,1,2,2-Tetrachloroethane	0.55942	0.54056	0.54056	0.300	3.37169	50.00000	Averaged
69 1,4-Dichloro-2-butene	50.00000	50.06204	0.06458	0.010	-0.12408	0.000e+000	Quadratic
70 1,2,3-Trichloropropane	0.17328	0.16091	0.16091	0.010	7.13977	50.00000	Averaged
71 Bromobenzene	0.72304	0.69286	0.69286	0.010	4.17478	50.00000	Averaged
72 n-Propylbenzene	0.78269	0.81082	0.81082	0.010	-3.59425	50.00000	Averaged
73 2-Chlorotoluene	0.68357	0.70949	0.70949	0.010	-3.79247	50.00000	Averaged
74 1,3,5-Trimethylbenzene	2.29281	2.40903	2.40903	0.010	-5.06861	50.00000	Averaged
75 4-Chlorotoluene	0.70890	0.70059	0.70059	0.010	1.17293	50.00000	Averaged
76 tert-Butylbenzene	2.11485	2.21487	2.21487	0.010	-4.72939	50.00000	Averaged
77 1,2,4-Trimethylbenzene	2.37770	2.44365	2.44365	0.010	-2.77374	50.00000	Averaged
78 sec-Butylbenzene	3.02623	3.21045	3.21045	0.010	-6.08739	50.00000	Averaged
79 4-Isopropyltoluene	2.61820	2.77502	2.77502	0.010	-5.98975	50.00000	Averaged
80 1,3-Dichlorobenzene	1.48899	1.46697	1.46697	0.010	1.47918	50.00000	Averaged
81 1,4-Dichlorobenzene	1.56251	1.52488	1.52488	0.010	2.40858	50.00000	Averaged
82 n-Butylbenzene	2.17655	2.33485	2.33485	0.010	-7.27283	50.00000	Averaged
83 1,2-Dichlorobenzene	1.41673	1.44225	1.44225	0.010	-1.80128	50.00000	Averaged
84 1,2-Dibromo-3-chloropropane	0.09196	0.08410	0.08410	0.010	8.54759	50.00000	Averaged
85 1,2,4-Trichlorobenzene	0.95285	0.89742	0.89742	0.010	5.81734	50.00000	Averaged
86 Hexachlorobutadiene	0.48929	0.50573	0.50573	0.010	-3.36076	50.00000	Averaged
87 Naphthalene	1.81327	1.48027	1.48027	0.010	18.36474	50.00000	Averaged
88 1,2,3-Trichlorobenzene	0.89871	0.76071	0.76071	0.010	15.35569	50.00000	Averaged
98 Cyclohexane	0.45369	0.49726	0.49726	0.010	-9.60386	50.00000	Averaged
143 Methyl Acetate	0.16686	0.13367	0.13367	0.010	19.89149	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\UXX9554.D
Report Date: 26-Dec-2007 10:57

STL Inc North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i
Lab File ID: UXX9554.D
Analysis Type: WATER
Lab Sample ID: 50NG-CC
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\8260LLUX10.m

Injection Date: 26-DEC-2007 10:14
Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Init. Cal. Times: 18:07 10:53
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
144 Methylcyclohexane	0.50401	0.54742	0.54742	0.010	-8.61176	50.00000	Averaged
141 1,3,5-Trichlorobenzene	1.08184	1.11232	1.11232	0.010	-2.81723	50.00000	Averaged
149 Vinyl Acetate-86	0.02824	0.02712	0.02712	0.010	3.93908	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\UXX9555.D
Report Date: 26-Dec-2007 10:52

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux10.i Injection Date: 26-DEC-2007 10:36
Lab File ID: UXX9555.D Init. Cal. Date(s): 24-AUG-2007 20-DEC-2007
Analysis Type: WATER Init. Cal. Times: 18:07 10:53
Lab Sample ID: 50NG-A9CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\8260LLUX10.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
14 Dichlorofluoromethane	0.42044	0.36614	0.36614	0.010	12.91563	50.00000	Averaged	
89 Ethyl Ether	0.21880	0.15199	0.15199	0.010	30.53690	50.00000	Averaged	
91 3-Chloropropene	0.12591	0.11688	0.11688	0.010	7.16826	50.00000	Averaged	
92 Isopropyl Ether	0.22375	0.19684	0.19684	0.010	12.02601	50.00000	Averaged	
93 2-Chloro-1,3-butadiene	0.41607	0.23026	0.23026	0.010	44.65900	50.00000	Averaged	
94 Propionitrile	0.03506	0.02352	0.02352	0.010	32.90708	50.00000	Averaged	
95 Ethyl Acetate	0.19522	0.12355	0.12355	0.010	36.71565	50.00000	Averaged	
96 Methacrylonitrile	0.14029	0.09259	0.09259	0.010	34.00255	50.00000	Averaged	
97 Isobutanol	0.00957	0.00520	0.00520	0.010	45.64615	50.00000	Averaged	<-
99 n-Butanol	0.00885	0.00427	0.00427	0.010	51.73402	50.00000	Averaged	<-
100 Methyl Methacrylate	0.18043	0.10704	0.10704	0.010	40.67654	50.00000	Averaged	
101 2-Nitropropane	0.04439	0.02011	0.02011	0.010	54.69243	50.00000	Averaged	<-
103 Cyclohexanone	0.03221	0.01064	0.01064	0.010	66.97805	50.00000	Averaged	<-
146 2-Methylnaphthalene	0.72349	0.44965	0.44965	0.010	37.85091	50.00000	Averaged	
153 t-Butyl ethyl ether	0.74844	0.58229	0.58229	0.010	22.20042	50.00000	Averaged	
154 t-Amyl methyl ether	0.60305	0.48443	0.48443	0.010	19.66931	50.00000	Averaged	
155 1,2,3-Trimethylbenzene	2.71636	2.17001	2.17001	0.010	20.11346	50.00000	Averaged	

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KEK1J1AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALCAN

SDG Number: 7L12224

Lab File ID: UXX9363.D

Lot Number: A7L120224

Date Analyzed: 12/20/07

Time Analyzed: 12:59

Matrix: WATER

Date Extracted: 12/20/07

GC Column: DB 624 ID: .18

Extraction Method: 5030B/8260B

Instrument ID: UX10

Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	MW74A-121107	KD05R1CF	UXX9365.D	12/20/07	13:43
02	TB-121107	KD08T1AA	UXX9374.D	12/20/07	17:01
03	RW-01I-121107	KD0811CF	UXX9366.D	12/20/07	14:05
04	INTRA-LAB QC	KD7TX1AA	UXX9364.D	12/20/07	13:21
05	LAB MS/MSD	KD7TX1AC S	UXX9372.D	12/20/07	16:17
06	LAB MS/MSD	KD7TX1AD D	UXX9373.D	12/20/07	16:39
07	CHECK SAMPLE	KEK1J1AC C	UXX9362.D	12/20/07	12:37
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COMMENTS:

FORM IV

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7L12224 **Work Order #...:** KEK1J1AA **Matrix.....:** WATER
MB Lot-Sample #: A7L200000-500

Prep Date.....: 12/20/07 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/20/07 **Prep Batch #...:** 7354500
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	5.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Naphthalene	**0.52 J**	**1.0**	**ug/L**	**SW846 8260B**
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	**0.49 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,4-Trichloro-benzene	**0.24 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7L12224 **Work Order #...:** KEK1J1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
o-Xylene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Diisopropyl Ether (DIPE)	ND	5.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
tert-Butyl alcohol	ND	20	ug/L	SW846 8260B
1,2,3-Trimethylbenzene	ND	5.0	ug/L	SW846 8260B
Ethyl-t-Butyl Ether (ETBE	ND	5.0	ug/L	SW846 8260B
Tert-amyl methyl ether (T	ND	5.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(73 - 122)
1,2-Dichloroethane-d4	88	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KEQ1H1AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALCAN

SDG Number: 7L12224

Lab File ID: UXX9414.D

Lot Number: A7L140260

Date Analyzed: 12/21/07

Time Analyzed: 12:20

Matrix: WATER

Date Extracted: 12/21/07

GC Column: DB 624 ID: .18

Extraction Method: 5030B/8260B

Instrument ID: UX10

Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	INTRA-LAB QC	KD6781AA	UXX9434.D	12/21/07	20:08
02	LAB MS/MSD	KD6781AC S	UXX9436.D	12/21/07	20:52
03	LAB MS/MSD	KD6781AD D	UXX9437.D	12/21/07	21:14
04	MW74A-121207	KD7CM1CF	UXX9415.D	12/21/07	13:10
05	TB-121207	KD7DD1AA	UXX9417.D	12/21/07	13:54
06	RW-01I-121207	KD7EX1CF	UXX9416.D	12/21/07	13:32
07	CHECK SAMPLE	KEQ1H1AC C	UXX9412.D	12/21/07	11:37
08	DUPLICATE CHECK	KEQ1H1AD L	UXX9413.D	12/21/07	11:58
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COMMENTS:

FORM IV

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7L12224 **Work Order #...:** KEQ1H1AA **Matrix.....:** WATER
MB Lot-Sample #: A7L240000-112

Prep Date.....: 12/21/07 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/21/07 **Prep Batch #...:** 7358112
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	5.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Naphthalene	**0.60 J**	**1.0**	**ug/L**	**SW846 8260B**
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	**0.28 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7L12224 **Work Order #...:** KEQ1H1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
tert-Butyl alcohol	ND	20	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	**0.54 J**	**1.0**	**ug/L**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
1,2,3-Trimethylbenzene	ND	5.0	ug/L	SW846 8260B
Diisopropyl Ether (DIPE)	ND	5.0	ug/L	SW846 8260B
Ethyl-t-Butyl Ether (ETBE	ND	5.0	ug/L	SW846 8260B
Tert-amyl methyl ether (T	ND	5.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(73 - 122)
1,2-Dichloroethane-d4	85	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	89	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KERP01AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALCAN SDG Number:7L12224

Lab File ID: UXX9529.D Lot Number: A7L150155

Date Analyzed: 12/24/07 Time Analyzed: 13:24

Matrix: WATER Date Extracted:12/24/07

GC Column: DB 624 ID: .18 Extraction Method: 5030B/8260B

Instrument ID: UX10 Level:(low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	TB-121407	KD88N1AA	UXX9535.D	12/24/07	15:38
02	INTRA-LAB QC	KEP651AA	UXX9530.D	12/24/07	13:46
03	LAB MS/MSD	KEP651AC S	UXX9533.D	12/24/07	14:53
04	LAB MS/MSD	KEP651AD D	UXX9534.D	12/24/07	15:15
05	CHECK SAMPLE	KERP01AC C	UXX9527.D	12/24/07	12:40
06	DUPLICATE CHECK	KERP01AD L	UXX9528.D	12/24/07	13:01
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COMMENTS:

FORM IV

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7L12224 **Work Order #...:** KERP01AA **Matrix.....:** WATER
MB Lot-Sample #: A7L260000-129

Prep Date.....: 12/24/07 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/24/07 **Prep Batch #...:** 7360129
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	5.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Diisopropyl Ether (DIPE)	ND	5.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
tert-Butyl alcohol	ND	20	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Naphthalene	**0.53 J**	**1.0**	**ug/L**	**SW846 8260B**
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	**0.54 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,4-Trichloro-benzene	**0.24 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7L12224 **Work Order #...:** KERP01AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
1,2,3-Trimethylbenzene	ND	5.0	ug/L	SW846 8260B
Ethyl-t-Butyl Ether (ETBE	ND	5.0	ug/L	SW846 8260B
Tert-amyl methyl ether (T	ND	5.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(73 - 122)
1,2-Dichloroethane-d4	79	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KETQ21AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALCAN

SDG Number: 7L12224

Lab File ID: UXX9558.D

Lot Number: A7L150155

Date Analyzed: 12/26/07

Time Analyzed: 11:43

Matrix: WATER

Date Extracted: 12/26/07

GC Column: DB 624 ID: .18

Extraction Method: 5030B/8260B

Instrument ID: UX10

Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	MW74A-121407	KD88H1AA	UXX9565.D	12/26/07	15:07
02	RW-01I121407	KD88Q1AM	UXX9566.D	12/26/07	15:30
03	INTRA-LAB QC	KED5A1AA	UXX9559.D	12/26/07	12:04
04	LAB MS/MSD	KED5A1AC S	UXX9568.D	12/26/07	16:16
05	LAB MS/MSD	KED5A1AD D	UXX9569.D	12/26/07	16:38
06	CHECK SAMPLE	KETQ21AC C	UXX9556.D	12/26/07	10:58
07	DUPLICATE CHECK	KETQ21AD L	UXX9557.D	12/26/07	11:21
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COMMENTS:

FORM IV

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7L12224 **Work Order #...:** KETQ21AA **Matrix.....:** WATER
MB Lot-Sample #: A7L270000-128

Prep Date.....: 12/26/07 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/26/07 **Prep Batch #...:** 7361128
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	5.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Naphthalene	**0.43 J**	**1.0**	**ug/L**	**SW846 8260B**
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	**0.52 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,4-Trichloro-benzene	**0.23 J**	**1.0**	**ug/L**	**SW846 8260B**
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7L12224 **Work Order #...:** KETQ21AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
tert-Butyl alcohol	ND	20	ug/L	SW846 8260B
1,2,3-Trimethylbenzene	ND	5.0	ug/L	SW846 8260B
Diisopropyl Ether (DIPE)	ND	5.0	ug/L	SW846 8260B
Ethyl-t-Butyl Ether (ETBE	ND	5.0	ug/L	SW846 8260B
Tert-amyl methyl ether (T	ND	5.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(73 - 122)
1,2-Dichloroethane-d4	80	(61 - 128)
Toluene-d8	95	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

SW846 8260B SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L120224

Extraction: XXI25QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	MW74A-121107	90	88	89	87	00
02	TB-121107	89	89	89	88	00
03	RW-01I-121107	90	89	89	86	00
04	INTRA-LAB QC	90	88	88	87	00
05	METHOD BLK. KEK1J1AA	87	88	90	87	00
06	LCS KEK1J1AC	90	85	91	94	00
07	LAB MS/MSD D	90	87	93	95	00
08	LAB MS/MSD S	90	88	89	94	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(73-122)
SRG02	= 1,2-Dichloroethane-d4	(61-128)
SRG03	= Toluene-d8	(76-110)
SRG04	= 4-Bromofluorobenzene	(74-116)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L140260

Extraction: XXI25QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	INTRA-LAB QC	88	85	90	84	00
02	MW74A-121207	88	87	95	87	00
03	TB-121207	86	85	93	88	00
04	RW-01I-121207	86	85	91	88	00
05	METHOD BLK. KEQ1H1AA	85	85	91	89	00
06	LCS KEQ1H1AC	88	84	92	93	00
07	LAB MS/MSD D	88	82	92	93	00
08	LCSD KEQ1H1AD	86	84	94	90	00
09	LAB MS/MSD S	89	85	93	94	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(73-122)
SRG02	= 1,2-Dichloroethane-d4	(61-128)
SRG03	= Toluene-d8	(76-110)
SRG04	= 4-Bromofluorobenzene	(74-116)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L150155

Extraction: XXI25QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	MW74A-121407	87	79	94	82	00
02	TB-121407	86	79	92	87	00
03	RW-01I121407	88	79	94	81	00
04	INTRA-LAB QC	86	78	94	85	00
05	INTRA-LAB QC	87	78	90	86	00
06	METHOD BLK. KERP01AA	86	79	90	87	00
07	METHOD BLK. KETQ21AA	88	80	95	86	00
08	LCS KERP01AC	86	78	94	92	00
09	LCS KETQ21AC	86	81	96	90	00
10	LAB MS/MSD D	87	82	95	89	00
11	LAB MS/MSD D	86	77	94	93	00
12	LCSD KERP01AD	86	77	95	94	00
13	LCSD KETQ21AD	89	83	96	91	00
14	LAB MS/MSD S	85	77	98	85	00
15	LAB MS/MSD S	88	81	93	91	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(73-122)
SRG02	= 1,2-Dichloroethane-d4	(61-128)
SRG03	= Toluene-d8	(76-110)
SRG04	= 4-Bromofluorobenzene	(74-116)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L240000 WO #: KEQ1H1AC
BATCH: 7358112

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1-Dichloroethene	10	9.3	93	63 - 130	
Trichloroethene	10	9.5	95	75 - 122	
Benzene	10	9.3	93	80 - 116	
Toluene	10	9.9	99	74 - 119	
Chlorobenzene	10	9.8	98	76 - 117	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L240000 WO #: KEQ1H1AD
BATCH: 7358112

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1-Dichloroethene	10	9.4	94	63 - 130	
Trichloroethene	10	9.9	99	75 - 122	
Benzene	10	9.6	96	80 - 116	
Toluene	10	10	104	74 - 119	
Chlorobenzene	10	10	100	76 - 117	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L200000 WO #: KEK1J1AC
BATCH: 7354500

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1-Dichloroethene	10	9.7	97	63 - 130	
Trichloroethene	10	9.6	96	75 - 122	
Benzene	10	9.5	95	80 - 116	
Toluene	10	9.7	97	74 - 119	
Chlorobenzene	10	9.6	96	76 - 117	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L260000 WO #: KERP01AC
BATCH: 7360129

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1-Dichloroethene	10	9.1	91	63 - 130	
Trichloroethene	10	9.6	96	75 - 122	
Benzene	10	9.4	94	80 - 116	
Toluene	10	10	100	74 - 119	
Chlorobenzene	10	9.7	97	76 - 117	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS:

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L260000 WO #: KERP01AD
BATCH: 7360129

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1-Dichloroethene	10	9.3	93	63 - 130	
Trichloroethene	10	9.9	99	75 - 122	
Benzene	10	9.8	98	80 - 116	
Toluene	10	11	105	74 - 119	
Chlorobenzene	10	10	100	76 - 117	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L270000 WO #: KETQ21AC
BATCH: 7361128

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1-Dichloroethene	10	8.9	89	63 - 130	
Trichloroethene	10	9.6	96	75 - 122	
Benzene	10	9.4	94	80 - 116	
Toluene	10	10	102	74 - 119	
Chlorobenzene	10	9.6	96	76 - 117	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS:

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L270000 WO #: KETQ21AD
BATCH: 7361128

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1-Dichloroethene	10	9.4	94	63 - 130	
Trichloroethene	10	10	100	75 - 122	
Benzene	10	9.7	97	80 - 116	
Toluene	10	11	105	74 - 119	
Chlorobenzene	10	9.9	99	76 - 117	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Matrix Spike ID: LAB MS/MSD

Lot #: A7L140306 WO #: KD7TX1AC
BATCH: 7354500

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
1,1-Dichloroethene	10	1.3	10	91	62 - 130	
Trichloroethene	10	14	23	90	62 - 130	
Benzene	10	ND	8.9	89	78 - 118	
Toluene	10	ND	9.0	90	70 - 119	
Chlorobenzene	10	ND	8.9	89	76 - 117	

NOTES(S):

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Matrix Spike ID: LAB MS/MSD

Lot #: A7L140306 WO #: KD7TX1AD
BATCH: 7354500

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	10	11	95	3.9	20	62- 130	
Trichloroethene	10	24	95	2.2	20	62- 130	
Benzene	10	9.4	94	5.5	20	78- 118	
Toluene	10	9.8	98	7.9	20	70- 119	
Chlorobenzene	10	9.4	94	4.6	20	76- 117	

NOTES(S):

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Matrix Spike ID: LAB MS/MSD

Lot #: A7L140235 WO #: KD6781AC
BATCH: 7358112

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
1,1-Dichloroethene	67	ND	63	95	62 - 130	
Trichloroethene	67	72	130	90	62 - 130	
Benzene	67	ND	64	96	78 - 118	
Toluene	67	ND	67	101	70 - 119	
Chlorobenzene	67	ND	64	96	76 - 117	

NOTES(S):

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Matrix Spike ID: LAB MS/MSD

Lot #: A7L140235 WO #: KD6781AD
BATCH: 7358112

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	67	63	95	0.050	20	62- 130	
Trichloroethene	67	140	96	3.1	20	62- 130	
Benzene	67	64	96	0.10	20	78- 118	
Toluene	67	65	98	2.8	20	70- 119	
Chlorobenzene	67	64	96	0.74	20	76- 117	

NOTES(S):

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Matrix Spike ID: LAB MS/MSD

Lot #: A7L220131 WO #: KEP651AC
BATCH: 7360129

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
1,1-Dichloroethene	10000	ND	9100	91	62 - 130	
Trichloroethene	10000	ND	9700	97	62 - 130	
Benzene	10000	ND	9800	98	78 - 118	
Toluene	10000	ND	10000	101	70 - 119	
Chlorobenzene	10000	ND	9800	98	76 - 117	

NOTES(S):

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Matrix Spike ID: LAB MS/MSD

Lot #: A7L220131 WO #: KEP651AD
BATCH: 7360129

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	10000	9100	91	0.16	20	62 - 130	
Trichloroethene	10000	9900	99	1.4	20	62 - 130	
Benzene	10000	9800	98	0.22	20	78 - 118	
Toluene	10000	10000	103	2.6	20	70 - 119	
Chlorobenzene	10000	9900	99	1.4	20	76 - 117	

NOTES(S):

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Matrix Spike ID: LAB MS/MSD

Lot #: A7L180274 WO #: KED5A1AC
BATCH: 7361128

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Trichloroethene	10	ND	9.4	94	62 - 130	
Benzene	10	ND	9.0	90	78 - 118	
Toluene	10	ND	10	102	70 - 119	
Chlorobenzene	10	ND	9.3	93	76 - 117	
1,1-Dichloroethene	10	ND	8.3	83	62 - 130	

NOTES(S):

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS:

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Matrix Spike ID: LAB MS/MSD

Lot #: A7L180274 WO #: KED5A1AD
BATCH: 7361128

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	10	8.7	87	5.1	20	62 - 130	
Trichloroethene	10	9.8	98	3.9	20	62 - 130	
Benzene	10	9.4	94	4.0	20	78 - 118	
Toluene	10	10	103	1.4	20	70 - 119	
Chlorobenzene	10	9.7	97	4.1	20	76 - 117	

NOTES(S):

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 5 outside limits

COMMENTS:

FORM III

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): UXX9355 Date Analyzed: 12/20/07

Instrument ID: A3UX10 Time Analyzed: 0947

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 (DCB) AREA #	RT	IS3 AREA #	RT
	12 HOUR STD	1511586	8.07	960030	10.33	1935999	5.37
	UPPER LIMIT	3023172	8.57	1920060	10.83	3871998	5.87
	LOWER LIMIT	755793	7.57	480015	9.83	968000	4.87
	EPA SAMPLE NO.						
01	KEK1J-CHK	1476404	8.07	966300	10.33	1915239	5.37
02	KEK1J-BLK	1399133	8.07	892729	10.33	1895410	5.37
03	MW74A-121107	1402288	8.07	866552	10.33	1874566	5.37
04	RW-01I-12110	1417092	8.07	861486	10.33	1893501	5.37
05	TB-121107	1426069	8.07	879072	10.33	1887208	5.37
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (CBZ) = Chlorobenzene-d5
IS2 (DCB) = 1,4-Dichlorobenzene-d4
IS3 = Fluorobenzene

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): UXX9410 Date Analyzed: 12/21/07

Instrument ID: A3UX10 Time Analyzed: 1052

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 (DCB) AREA #	RT	IS3 AREA #	RT
	12 HOUR STD	1547774	8.07	979567	10.33	2143809	5.37
	UPPER LIMIT	3095548	8.57	1959134	10.83	4287618	5.87
	LOWER LIMIT	773887	7.57	489784	9.83	1071905	4.87
	EPA SAMPLE NO.						
01	KEQ1H-CHK	1594629	8.07	1008989	10.32	2107693	5.37
02	KEQ1H-CKDUP	1606746	8.07	1010030	10.33	2151884	5.37
03	KEQ1H-BLK	1499094	8.07	924830	10.33	2066906	5.37
04	MW74A-121207	1458687	8.07	889353	10.33	2094588	5.37
05	RW-01I-12120	1481574	8.07	919863	10.32	2067428	5.37
06	TB-121207	1457426	8.07	906126	10.32	2052019	5.37
07							
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22							

IS1 (CBZ) = Chlorobenzene-d5
IS2 (DCB) = 1,4-Dichlorobenzene-d4
IS3 = Fluorobenzene

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): UXX9525 Date Analyzed: 12/24/07

Instrument ID: A3UX10 Time Analyzed: 1042

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 (DCB) AREA #	RT	IS3 AREA #	RT
	12 HOUR STD	1509794	8.07	974993	10.33	2084498	5.37
	UPPER LIMIT	3019588	8.57	1949986	10.83	4168996	5.87
	LOWER LIMIT	754897	7.57	487497	9.83	1042249	4.87
	EPA SAMPLE NO.						
01	KERP0-CHK	1565257	8.07	1004101	10.33	2121251	5.37
02	KERP0-CKDUP	1538409	8.07	1026305	10.32	2071732	5.37
03	KERP0-BLK	1466848	8.07	930315	10.33	2033593	5.37
04	TB-121407	1435646	8.07	916894	10.32	2035922	5.37
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18							
19							
20							
21							
22							

IS1 (CBZ) = Chlorobenzene-d5
IS2 (DCB) = 1,4-Dichlorobenzene-d4
IS3 = Fluorobenzene

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): UXX9554 Date Analyzed: 12/26/07

Instrument ID: A3UX10 Time Analyzed: 1014

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 (CBZ) AREA #	RT	IS2 (DCB) AREA #	RT	IS3 AREA #	RT
	12 HOUR STD	1128852	8.07	735555	10.33	1563755	5.37
	UPPER LIMIT	2257704	8.57	1471110	10.83	3127510	5.87
	LOWER LIMIT	564426	7.57	367778	9.83	781878	4.87
	EPA SAMPLE NO.						
01	KETQ2-CHK	1147629	8.07	751277	10.32	1598337	5.38
02	KETQ2-CKDUP	1144695	8.07	751445	10.32	1580979	5.37
03	KETQ2-BLK	1084496	8.07	673547	10.33	1584011	5.37
04	MW74A-121407	1119980	8.07	680138	10.33	1611440	5.37
05	RW-01I121407	1115510	8.07	664362	10.33	1581599	5.37
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21							
22							

IS1 (CBZ) = Chlorobenzene-d5
IS2 (DCB) = 1,4-Dichlorobenzene-d4
IS3 = Fluorobenzene

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

Sample RW-01I121407

1,2,4-trichlorobenzene rep. result 240 ug/L

$$\frac{(36525)(50\,ng)(1000ml)(1ug)}{(664362)(0.95285)(0.012)(1000)} = 240.41\,ug/L$$

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\UXX9566.D
Report Date: 26-Dec-2007 16:07

STL Inc North Canton

VOLATILE REPORT SW-846 Method

Data file : \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\UXX9566.D
Lab Smp Id: KD88Q1AM Client Smp ID: RW-01I121407
Inj Date : 26-DEC-2007 15:30
Operator : 1904 Inst ID: a3ux10.i
Smp Info : KD88Q1AM,0.012ML/5ML
Misc Info : P71226A,8260LLUX10,,1904
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\8260LLUX10.m
Meth Date : 26-Dec-2007 11:02 quayler Quant Type: ISTD
Cal Date : 01-OCT-2007 11:39 Cal File: UXX7037.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	0.01200	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1	Fluorobenzene	96	5.372	5.371	(1.000)	1581599	50.0000	
* 2	Chlorobenzene-d5	117	8.069	8.069	(1.000)	1115510	50.0000	
* 3	1,4-Dichlorobenzene-d4	152	10.330	10.329	(1.000)	664362	50.0000	
$ 4	Dibromofluoromethane	113	4.804	4.803	(0.894)	322912	43.9161	3659.7
$ 5	1,2-Dichloroethane-d4	65	5.088	5.087	(0.947)	304474	39.3886	3282.4
$ 6	Toluene-d8	98	6.744	6.743	(0.836)	1234916	46.9758	3914.6
$ 7	Bromofluorobenzene	95	9.182	9.193	(1.138)	412633	40.5736	3381.1
8	Dichlorodifluoromethane	85	Compound Not Detected.					
9	Chloromethane	50	Compound Not Detected.					
10	Vinyl Chloride	62	1.857	1.845	(0.346)	39876	3.85296	321.08
11	Bromomethane	94	Compound Not Detected.					
12	Chloroethane	64	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
15	Acrolein	56	Compound Not Detected.					
16	Acetone	43	Compound Not Detected.					
17	1,1-Dichloroethene	96	Compound Not Detected.					
18	Freon-113	151	Compound Not Detected.					
19	Iodomethane	142	Compound Not Detected.					
20	Carbon Disulfide	76	Compound Not Detected.					
21	Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\UXX9566.D
Report Date: 26-Dec-2007 16:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96				179135	19.9254	1660.4
	32 cis-1,2-dichloroethene	96	4.401	4.401	(0.819)	179135	19.9254	1660.4
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	5.159	5.158	(0.960)	9251	1.00507	83.756
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	5.691	5.690	(1.059)	1434834	158.905	13242
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76	tert-Butylbenzene	119	Compound Not Detected.
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux10.i\P71226A.b\UXX9566.D
Report Date: 26-Dec-2007 16:07

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
78	sec-Butylbenzene	105	Compound Not Detected.					
79	4-Isopropyltoluene	119	Compound Not Detected.					
80	1,3-Dichlorobenzene	146	Compound Not Detected.					
81	1,4-Dichlorobenzene	146	Compound Not Detected.					
82	n-Butylbenzene	91	Compound Not Detected.					
83	1,2-Dichlorobenzene	146	Compound Not Detected.					
84	1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85	1,2,4-Trichlorobenzene	180	12.341	12.340	(1.195)	36525	2.88491	240.41
86	Hexachlorobutadiene	225	Compound Not Detected.					
87	Naphthalene	128	Compound Not Detected.					
88	1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14	Dichlorofluoromethane	67	Compound Not Detected.					
89	Ethyl Ether	59	Compound Not Detected.					
91	3-Chloropropene	76	Compound Not Detected.					
92	Isopropyl Ether	87	Compound Not Detected.					
93	2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94	Propionitrile	54	Compound Not Detected.					
95	Ethyl Acetate	43	Compound Not Detected.					
96	Methacrylonitrile	41	Compound Not Detected.					
97	Isobutanol	41	Compound Not Detected.					
99	n-Butanol	56	Compound Not Detected.					
100	Methyl Methacrylate	41	Compound Not Detected.					
101	2-Nitropropane	41	Compound Not Detected.					
103	Cyclohexanone	55	Compound Not Detected.					
98	Cyclohexane	56	Compound Not Detected.					
143	Methyl Acetate	43	Compound Not Detected.					
144	Methylcyclohexane	83	Compound Not Detected.					
141	1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146	2-Methylnaphthalene	142	Compound Not Detected.					
149	Vinyl Acetate-86	86	Compound Not Detected.					
153	t-Butyl ethyl ether	59	Compound Not Detected.					
154	t-Amyl methyl ether	73	Compound Not Detected.					
155	1,2,3-Trimethylbenzene	105	Compound Not Detected.					

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: 2DF1213 DFTPP Injection Date: 12/13/07

Instrument ID: A4AG2 DFTPP Injection Time: 1520

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.2
68	Less than 2.0% of mass 69	0.7 (1.8)1
69	Mass 69 relative abundance	39.0
70	Less than 2.0% of mass 69	0.1 (0.2)1
127	40.0 - 60.0% of mass 198	51.3
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	24.5
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than mass 443	10.9
442	Greater than 40.0% of mass 198	78.2
443	17.0 - 23.0% of mass 442	14.6 (18.6)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD009	L9	2SHHH1213	12/13/07	1531
02	SSTD008	L8	2SHH1213	12/13/07	1554
03	SSTD007	L7	2SH1213	12/13/07	1611
04	SSTD006	L6	2SMH1213	12/13/07	1628
05	SSTD005	L5	2SMM1213	12/13/07	1646
06	SSTD004	L4	2SM1213	12/13/07	1703
07	SSTD003	L3	2SML1213	12/13/07	1720
08	SSTD002	L2	2SL1213	12/13/07	1737
09	SSTD001	L1	2SLL1213	12/13/07	1754
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

TestAmerica North Canton

INITIAL CALIBRATION DATA

OKMU 12/17/07

Start Cal Date : 10-DEC-2007 07:13
End Cal Date : 13-DEC-2007 20:42
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\8270p.m
Last Edit : 14-Dec-2007 06:14 hulat
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\2SLL1213.D
Level 2: \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\2AL1213.D
Level 3: \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\2AML1213.D
Level 4: \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\2AM1213.D
Level 5: \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\2AMM1213.D
Level 6: \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\2AMH1213.D
Level 7: \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\2AH1213.D
Level 8: \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\2AHH1213.D
Level 9: \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\2AHHH1213.D

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	___ RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
198 1,4-Dioxane	+++++	0.41047	0.46994	0.52554	0.47286	0.46023			
	0.48361	0.52470	0.53699				0.48554	8.691	<-
7 N-Nitrosomorpholine	+++++	0.70792	0.73112	0.72899	0.71692	0.73534			
	0.78891	0.75946	0.79651				0.74565	4.388	<-
8 Ethyl methanesulfonate	+++++	0.43324	0.42482	0.41056	0.40759	0.42051			
	0.43364	0.42483	0.45202				0.42590	3.318	<-
9 Pyridine	+++++	1.15123	1.17962	1.24870	1.20475	1.23991			
	1.26359	1.48042	1.43030				1.27482	9.268	<-
10 N-Nitrosodimethylamine	+++++	0.65384	0.67671	0.74427	0.72057	0.67406			
	0.69638	0.78049	0.77712				0.71543	6.737	<-
11 Ethyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
12 3-Chloropropionitrile	+++++	0.70593	0.71569	0.75207	0.75116	0.72125			
	0.73207	0.81258	0.78859				0.74742	4.961	<-
13 Malononitrile	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 10-DEC-2007 07:13
End Cal Date : 13-DEC-2007 20:42
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\8270p.m
Last Edit : 14-Dec-2007 06:14 hulat
Curve Type : Average

Compound	0.05000 Level 1 / 7.500 Level 7	0.25000 Level 2 / 10.000 Level 8	0.50000 Level 3 / 12.500 Level 9	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
237 3,4-Dichloronitrobenzene	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
238 Bis(2-hydroxyphenyl)methane	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
239 Bis(4-hydroxyphenyl)methane	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
240 4-Chlorophenol	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
241 2,3-Dichlorophenol	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
242 2,5-Dichlorophenol	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
243 Octachlorostyrene	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
244 Octachlorocyclopentene	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
$ 154 Nitrobenzene-d5	0.33390 / 0.31202	0.30357 / 0.34552	0.29742 / 0.35826	0.30027	0.31630	0.29513	0.31804	7.152	
$ 155 2-Fluorobiphenyl	1.39485 / 1.28365	1.28800 / 1.43620	1.30360 / 1.39136	1.35697	1.34829	1.30223	1.34502	4.043	
$ 156 Terphenyl-d14	1.01316 / 0.89490	0.82724 / 1.00224	0.86237 / 0.97949	0.88987	0.90608	0.89374	0.91879	7.024	

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 10-DEC-2007 07:13
End Cal Date : 13-DEC-2007 20:42
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4ag2.i\71213A.b\8270p.m
Last Edit : 14-Dec-2007 06:14 hulat
Curve Type : Average

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
$ 157 Phenol-d5	1.71133	1.54209	1.58221	1.60008	1.64797	1.60788			
	1.67578	1.90211	1.84030				1.67886	7.210	
$ 158 2-Fluorophenol	1.18214	1.13780	1.15830	1.25315	1.26799	1.18340			
	1.23057	1.37980	1.36166				1.23942	6.932	
$ 159 2,4,6-Tribromophenol	+++++	0.16763	0.17397	0.19098	0.18781	0.18375			
	0.19246	0.21507	0.20738				0.18988	8.300	<-
$ 186 2-Chlorophenol-d4	+++++	1.31248	1.33670	1.39785	1.43423	1.35078			
	1.40796	1.60856	1.57111				1.42746	7.586	<-
$ 187 1,2-Dichlorobenzene-d4	+++++	0.83574	0.86667	0.90076	0.88974	0.85869			
	0.85663	0.95938	0.93485				0.88781	4.757	<-

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON | Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: 2DF1220 DFTPP Injection Date: 12/20/07

Instrument ID: A4AG2 DFTPP Injection Time: 1559

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	34.2
68	Less than 2.0% of mass 69	0.6 (1.6)1
69	Mass 69 relative abundance	36.0
70	Less than 2.0% of mass 69	0.1 (0.4)1
127	40.0 - 60.0% of mass 198	50.3
197	Less than 1.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	25.5
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than mass 443	12.6
442	Greater than 40.0% of mass 198	87.9
443	17.0 - 23.0% of mass 442	16.5 (18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD006	L6	2SMH1220	12/20/07	1615
02	KD927BLK	KD9271AA	KD9271AA	12/20/07	1650
03	KD927CHK	KD9271AC	KD9271AC	12/20/07	1707
04	KD927CKDUP	KD9271AD	KD9271AD	12/20/07	1724
05	MW74A-121407	KD88H1CG	KD88H1CG	12/20/07	2251
06	RW-01I121407	KD88Q1CG	KD88Q1CG	12/21/07	0000
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i
Lab File ID: 2SMH1220.D
Analysis Type:
Lab Sample ID: L6
Method: \\cansvr11\dd\chem\MSS\a4ag2.i\71220A.b\8270P.m

Injection Date: 20-DEC-2007 16:15
Init. Cal. Date(s): 10-DEC-2007 13-DEC-2007
Init. Cal. Times: 07:13 20:42
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
198 1,4-Dioxane	0.48554	0.49703	0.49703	0.010	-2.36629	50.00000	Averaged
9 Pyridine	1.27482	1.14749	1.14749	0.010	9.98814	50.00000	Averaged
10 N-Nitrosodimethylamine	0.71543	0.65685	0.65685	0.010	8.18803	50.00000	Averaged
12 3-Chloropropionitrile	0.74742	0.68615	0.68615	0.010	8.19761	50.00000	Averaged
209 Benzaldehyde	5.00000	4.73491	0.66900	0.010	5.30188	0.000e+000	Quadratic
21 Aniline	1.96912	1.52268	1.52268	0.010	22.67215	50.00000	Averaged
22 Phenol	1.67272	1.56077	1.56077	0.010	6.69280	20.00000	Averaged
23 bis(2-Chloroethyl)ether	1.25198	1.48868	1.48868	0.010	-18.90587	50.00000	Averaged
24 2-Chlorophenol	1.50682	1.43828	1.43828	0.010	4.54866	50.00000	Averaged
26 1,3-Dichlorobenzene	1.43423	1.41579	1.41579	0.010	1.28595	50.00000	Averaged
27 1,4-Dichlorobenzene	0.88384	0.93303	0.93303	0.010	-5.56564	20.00000	Averaged
28 1,2-Dichlorobenzene	1.38661	1.34700	1.34700	0.010	2.85684	50.00000	Averaged
29 Benzyl Alcohol	0.93153	0.90588	0.90588	0.010	2.75417	50.00000	Averaged
30 2-Methylphenol	1.26710	1.22833	1.22833	0.010	3.05981	50.00000	Averaged
31 bis(2-Chloroisopropyl)ether	1.76276	1.57001	1.57001	0.010	10.93467	50.00000	Averaged
37 Acetophenone	1.81827	1.73648	1.73648	0.010	4.49801	50.00000	Averaged
32 N-Nitroso-di-n-propylamine	0.92699	0.87156	0.87156	0.050	5.97955	50.00000	Averaged
192 4-Methylphenol	1.39194	1.32665	1.32665	0.010	4.69070	50.00000	Averaged
34 Hexachloroethane	0.50991	0.50407	0.50407	0.010	1.14597	50.00000	Averaged
35 Nitrobenzene	0.30288	0.28816	0.28816	0.010	4.85826	50.00000	Averaged
41 Isophorone	0.53744	0.52208	0.52208	0.010	2.85806	50.00000	Averaged
42 2-Nitrophenol	0.19493	0.19096	0.19096	0.010	2.03541	20.00000	Averaged
43 2,4-Dimethylphenol	0.35682	0.33731	0.33731	0.010	5.46784	50.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.33682	0.33030	0.33030	0.010	1.93612	50.00000	Averaged
46 2,4-Toluenediamene	5.00000	4.49550	0.18790	0.010	10.08999	0.000e+000	Quadratic
47 1,3,5-Trichlorobenzene	0.27514	0.27277	0.27277	0.010	0.86135	50.00000	Averaged
48 2,4-Dichlorophenol	0.28332	0.28041	0.28041	0.010	1.02642	20.00000	Averaged
49 Benzoic Acid	10.00000	9.69272	0.21926	0.010	3.07281	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.28153	0.28364	0.28364	0.010	-0.75076	50.00000	Averaged
51 Naphthalene	0.98798	0.95674	0.95674	0.010	3.16196	50.00000	Averaged
52 4-Chloroaniline	0.41361	0.41750	0.41750	0.010	-0.94097	50.00000	Averaged
56 Hexachlorobutadiene	0.15751	0.16248	0.16248	0.010	-3.15738	20.00000	Averaged
210 Caprolactam	0.10206	0.11011	0.11011	0.010	-7.88977	50.00000	Averaged
57 1,2,3-Trichlorobenzene	0.26110	0.26000	0.26000	0.010	0.42105	50.00000	Averaged
59 4-Chloro-3-Methylphenol	0.29916	0.29804	0.29804	0.010	0.37200	20.00000	Averaged
62 2-Methylnaphthalene	0.59198	0.58568	0.58568	0.010	1.06463	50.00000	Averaged
63 1-Methylnaphthalene	0.64923	0.64476	0.64476	0.010	0.68842	50.00000	Averaged
64 Hexachlorocyclopentadiene	0.37952	0.35233	0.35233	0.050	7.16472	50.00000	Averaged
66 2,4,6-Trichlorophenol	0.38939	0.38412	0.38412	0.010	1.35334	20.00000	Averaged
67 2,4,5-Trichlorophenol	0.40946	0.40049	0.40049	0.010	2.19090	50.00000	Averaged
211 1,1'-Biphenyl	1.57883	1.50244	1.50244	0.010	4.83889	50.00000	Averaged
68 1,2,3,5-Tetrachlorobenzene	0.52998	0.51122	0.51122	0.010	3.54032	50.00000	Averaged

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i
Lab File ID: 2SMH1220.D
Analysis Type:
Lab Sample ID: L6
Method: \\cansvr11\dd\chem\MSS\a4ag2.i\71220A.b\8270P.m

Injection Date: 20-DEC-2007 16:15
Init. Cal. Date(s): 10-DEC-2007 13-DEC-2007
Init. Cal. Times: 07:13 20:42
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 2-Chloronaphthalene	1.16859	1.11387	1.11387	0.010	4.68279	50.00000	Averaged
73 2-Nitroaniline	0.32271	0.31273	0.31273	0.010	3.09159	50.00000	Averaged
74 1,2,3,4-Tetrachlorobenzene	0.48107	0.47328	0.47328	0.010	1.61877	50.00000	Averaged
76 Dimethylphthalate	1.34402	1.36933	1.36933	0.010	-1.88352	50.00000	Averaged
78 2,6-Dinitrotoluene	0.29259	0.31279	0.31279	0.010	-6.90237	50.00000	Averaged
79 Acenaphthylene	1.90107	1.85646	1.85646	0.010	2.34618	50.00000	Averaged
80 1,2-Dinitrobenzene	0.15209	0.15741	0.15741	0.010	-3.50070	50.00000	Averaged
81 3-Nitroaniline	0.33168	0.34418	0.34418	0.010	-3.76880	50.00000	Averaged
82 Acenaphthene	1.20899	1.17719	1.17719	0.010	2.63057	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	9.24269	0.21834	0.050	7.57306	0.000e+000	Quadratic
85 4-Nitrophenol	0.20758	0.21309	0.21309	0.050	-2.65572	50.00000	Averaged
86 Dibenzofuran	1.69866	1.65198	1.65198	0.010	2.74814	50.00000	Averaged
87 2,4-Dinitrotoluene	0.39773	0.44013	0.44013	0.010	-10.66256	50.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.34691	0.34694	0.34694	0.010	-0.00950	50.00000	Averaged
93 Diethylphthalate	1.36848	1.43140	1.43140	0.010	-4.59763	50.00000	Averaged
94 Fluorene	1.39480	1.40356	1.40356	0.010	-0.62814	50.00000	Averaged
95 4-Chlorophenyl-phenylether	0.63281	0.65440	0.65440	0.010	-3.41305	50.00000	Averaged
96 4-Nitroaniline	0.36236	0.38657	0.38657	0.010	-6.68083	50.00000	Averaged
98 4,6-Dinitro-2-methylphenol	5.00000	4.49655	0.15394	0.010	10.06909	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine	0.58970	0.57417	0.57417	0.010	2.63346	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.72623	0.65042	0.65042	0.010	10.43892	50.00000	Averaged
106 4-Bromophenyl-phenylether	0.20608	0.20504	0.20504	0.010	0.50316	50.00000	Averaged
107 Hexachlorobenzene	0.23332	0.23179	0.23179	0.010	0.65689	50.00000	Averaged
212 Atrazine	0.21238	0.21762	0.21762	0.010	-2.46413	50.00000	Averaged
111 Pentachlorophenol	10.00000	10.62171	0.16724	0.010	-6.21710	20.00000	Quadratic
115 Phenanthrene	1.21351	1.16578	1.16578	0.010	3.93265	50.00000	Averaged
116 Anthracene	1.19896	1.18613	1.18613	0.010	1.07032	50.00000	Averaged
119 Carbazole	1.08647	1.07704	1.07704	0.010	0.86789	50.00000	Averaged
120 Di-n-Butylphthalate	1.30928	1.38279	1.38279	0.010	-5.61448	50.00000	Averaged
123 Fluoranthene	1.19072	1.22509	1.22509	0.010	-2.88695	20.00000	Averaged
124 Benzidine	0.80231	0.75422	0.75422	0.010	5.99366	50.00000	Averaged
125 Pyrene	1.35505	1.31005	1.31005	0.010	3.32095	50.00000	Averaged
131 Butylbenzylphthalate	0.64139	0.61474	0.61474	0.010	4.15600	50.00000	Averaged
133 3,3'-Dimethoxybenzidine	0.29729	0.28195	0.28195	0.010	5.16027	50.00000	Averaged
135 3,3'-Dichlorobenzidine	0.49843	0.48833	0.48833	0.010	2.02490	50.00000	Averaged
136 Benzo(a)Anthracene	1.35300	1.28711	1.28711	0.010	4.86973	50.00000	Averaged
137 Chrysene	1.24199	1.19222	1.19222	0.010	4.00667	50.00000	Averaged
138 4,4'-Methylene bis(o-chloro	0.23719	0.24209	0.24209	0.010	-2.06525	50.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.91552	0.88977	0.88977	0.010	2.81269	50.00000	Averaged
140 Di-n-octylphthalate	5.00000	4.71751	1.47685	0.010	5.64971	0.000e+000	Quadratic
141 Benzo(b)fluoranthene	1.32205	1.34841	1.34841	0.010	-1.99320	50.00000	Averaged
142 Benzo(k)fluoranthene	1.34984	1.28078	1.28078	0.010	5.11624	50.00000	Averaged

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i
Lab File ID: 2SMH1220.D
Analysis Type:
Lab Sample ID: L6
Method: \\cansvr11\dd\chem\MSS\a4ag2.i\71220A.b\8270P.m

Injection Date: 20-DEC-2007 16:15
Init. Cal. Date(s): 10-DEC-2007 13-DEC-2007
Init. Cal. Times: 07:13 20:42
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
146 Benzo(a)pyrene	1.19217	1.16229	1.16229	0.010	2.50634	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.30270	1.29892	1.29892	0.010	0.29075	50.00000	Averaged
150 Dibenz(a,h)anthracene	1.11571	1.12199	1.12199	0.010	-0.56284	50.00000	Averaged
151 Benzo(g,h,i)perylene	1.08764	1.08948	1.08948	0.010	-0.16938	50.00000	Averaged
$ 154 Nitrobenzene-d5	0.31804	0.30042	0.30042	0.010	5.54205	50.00000	Averaged
$ 155 2-Fluorobiphenyl	1.34502	1.27573	1.27573	0.010	5.15163	50.00000	Averaged
$ 156 Terphenyl-d14	0.91879	0.90887	0.90887	0.010	1.07972	50.00000	Averaged
$ 157 Phenol-d5	1.67886	1.56916	1.56916	0.010	6.53416	50.00000	Averaged
$ 158 2-Fluorophenol	1.23942	1.20364	1.20364	0.010	2.88691	50.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.18988	0.20907	0.20907	0.010	-10.10372	50.00000	Averaged
$ 186 2-Chlorophenol-d4	1.42746	1.37726	1.37726	0.010	3.51670	50.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.88781	0.87252	0.87252	0.010	1.72190	50.00000	Averaged
M 195 Cresols, total	2.65905	2.55498	2.55498	0.010	3.91354	50.00000	Averaged
101 Diphenylamine	0.58970	0.57417	0.57417	0.010	2.63346	50.00000	Averaged

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON | Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: 2DF1221 DFTPP Injection Date: 12/21/07

Instrument ID: A4AG2 DFTPP Injection Time: 0916

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	36.2
68	Less than 2.0% of mass 69	0.6 (1.6)1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.5)1
127	40.0 - 60.0% of mass 198	51.7
197	Less than 1.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	25.2
365	Greater than 1.0% of mass 198	3.5
441	Present, but less than mass 443	11.7
442	Greater than 40.0% of mass 198	82.2
443	17.0 - 23.0% of mass 442	15.6 (19.0)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD006	L6	2SMH1221	12/21/07	0932
02	KD5PDBLK	KD5PD1AA	KD5PD1AA	12/21/07	1137
03	KD5PDCHK	KD5PD1AC	KD5PD1AC	12/21/07	1155
04	KD5PDCKDUP	KD5PD1AD	KD5PD1AD	12/21/07	1212
05					
06					
07					
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22					

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i
Lab File ID: 2SMH1221.D
Analysis Type:
Lab Sample ID: L6
Method: \\CANSVR11\dd\chem\MSS\a4ag2.i\71221A.b\8270P.m

Injection Date: 21-DEC-2007 09:32
Init. Cal. Date(s): 10-DEC-2007 13-DEC-2007
Init. Cal. Times: 07:13 20:42
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
198 1,4-Dioxane	0.48554	0.48705	0.48705	0.010	-0.31075	50.00000	Averaged
9 Pyridine	1.27482	1.20231	1.20231	0.010	5.68774	50.00000	Averaged
10 N-Nitrosodimethylamine	0.71543	0.67281	0.67281	0.010	5.95713	50.00000	Averaged
12 3-Chloropropionitrile	0.74742	0.61925	0.61925	0.010	17.14829	50.00000	Averaged
209 Benzaldehyde	5.00000	5.78332	0.77886	0.010	-15.66635	0.000e+000	Quadratic
21 Aniline	1.96912	1.75576	1.75576	0.010	10.83494	50.00000	Averaged
22 Phenol	1.67272	1.55223	1.55223	0.010	7.20348	20.00000	Averaged
23 bis(2-Chloroethyl)ether	1.25198	1.16503	1.16503	0.010	6.94473	50.00000	Averaged
24 2-Chlorophenol	1.50682	1.40633	1.40633	0.010	6.66882	50.00000	Averaged
26 1,3-Dichlorobenzene	1.43423	1.38150	1.38150	0.010	3.67709	50.00000	Averaged
27 1,4-Dichlorobenzene	0.88384	0.84422	0.84422	0.010	4.48252	20.00000	Averaged
28 1,2-Dichlorobenzene	1.38661	1.33389	1.33389	0.010	3.80237	50.00000	Averaged
29 Benzyl Alcohol	0.93153	0.86901	0.86901	0.010	6.71210	50.00000	Averaged
30 2-Methylphenol	1.26710	1.15168	1.15168	0.010	9.10926	50.00000	Averaged
31 bis(2-Chloroisopropyl)ether	1.76276	1.34256	1.34256	0.010	23.83746	50.00000	Averaged
37 Acetophenone	1.81827	1.68632	1.68632	0.010	7.25704	50.00000	Averaged
32 N-Nitroso-di-n-propylamine	0.92699	0.83950	0.83950	0.050	9.43820	50.00000	Averaged
192 4-Methylphenol	1.39194	1.27880	1.27880	0.010	8.12853	50.00000	Averaged
34 Hexachloroethane	0.50991	0.48865	0.48865	0.010	4.17005	50.00000	Averaged
35 Nitrobenzene	0.30288	0.28552	0.28552	0.010	5.72924	50.00000	Averaged
41 Isophorone	0.53744	0.49309	0.49309	0.010	8.25185	50.00000	Averaged
42 2-Nitrophenol	0.19493	0.19221	0.19221	0.010	1.39621	20.00000	Averaged
43 2,4-Dimethylphenol	0.35682	0.33463	0.33463	0.010	6.21719	50.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.33682	0.31667	0.31667	0.010	5.98052	50.00000	Averaged
46 2,4-Toluenediamene	5.00000	4.26352	0.18188	0.010	14.72959	0.000e+000	Quadratic
47 1,3,5-Trichlorobenzene	0.27514	0.27057	0.27057	0.010	1.66062	50.00000	Averaged
48 2,4-Dichlorophenol	0.28332	0.27636	0.27636	0.010	2.45684	20.00000	Averaged
49 Benzoic Acid	10.00000	8.41429	0.18647	0.010	15.85710	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.28153	0.28126	0.28126	0.010	0.09480	50.00000	Averaged
51 Naphthalene	0.98798	0.91010	0.91010	0.010	7.88245	50.00000	Averaged
52 4-Chloroaniline	0.41361	0.39148	0.39148	0.010	5.35012	50.00000	Averaged
56 Hexachlorobutadiene	0.15751	0.16259	0.16259	0.010	-3.22828	20.00000	Averaged
210 Caprolactam	0.10206	0.09780	0.09780	0.010	4.17406	50.00000	Averaged
57 1,2,3-Trichlorobenzene	0.26110	0.25650	0.25650	0.010	1.76226	50.00000	Averaged
59 4-Chloro-3-Methylphenol	0.29916	0.28649	0.28649	0.010	4.23481	20.00000	Averaged
62 2-Methylnaphthalene	0.59198	0.56809	0.56809	0.010	4.03621	50.00000	Averaged
63 1-Methylnaphthalene	0.64923	0.62385	0.62385	0.010	3.90866	50.00000	Averaged
64 Hexachlorocyclopentadiene	0.37952	0.37855	0.37855	0.050	0.25501	50.00000	Averaged
66 2,4,6-Trichlorophenol	0.38939	0.38017	0.38017	0.010	2.36851	20.00000	Averaged
67 2,4,5-Trichlorophenol	0.40946	0.40422	0.40422	0.010	1.28050	50.00000	Averaged
211 1,1'-Biphenyl	1.57883	1.51916	1.51916	0.010	3.77944	50.00000	Averaged
68 1,2,3,5-Tetrachlorobenzene	0.52998	0.52658	0.52658	0.010	0.64162	50.00000	Averaged

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i
Lab File ID: 2SMH1221.D
Analysis Type:
Lab Sample ID: L6
Method: \\CANSVR11\dd\chem\MSS\a4ag2.i\71221A.b\8270P.m

Injection Date: 21-DEC-2007 09:32
Init. Cal. Date(s): 10-DEC-2007 13-DEC-2007
Init. Cal. Times: 07:13 20:42
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 2-Chloronaphthalene	1.16859	1.14015	1.14015	0.010	2.43414	50.00000	Averaged
73 2-Nitroaniline	0.32271	0.31328	0.31328	0.010	2.92287	50.00000	Averaged
74 1,2,3,4-Tetrachlorobenzene	0.48107	0.48006	0.48006	0.010	0.20876	50.00000	Averaged
76 Dimethylphthalate	1.34402	1.31211	1.31211	0.010	2.37423	50.00000	Averaged
78 2,6-Dinitrotoluene	0.29259	0.31378	0.31378	0.010	-7.24228	50.00000	Averaged
79 Acenaphthylene	1.90107	1.85720	1.85720	0.010	2.30757	50.00000	Averaged
80 1,2-Dinitrobenzene	0.15209	0.15666	0.15666	0.010	-3.00509	50.00000	Averaged
81 3-Nitroaniline	0.33168	0.33403	0.33403	0.010	-0.71009	50.00000	Averaged
82 Acenaphthene	1.20899	1.14195	1.14195	0.010	5.54545	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	7.68091	0.17762	0.050	23.19085	0.000e+000	Quadratic
85 4-Nitrophenol	0.20758	0.19595	0.19595	0.050	5.60250	50.00000	Averaged
86 Dibenzofuran	1.69866	1.61413	1.61413	0.010	4.97599	50.00000	Averaged
87 2,4-Dinitrotoluene	0.39773	0.41243	0.41243	0.010	-3.69717	50.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.34691	0.32184	0.32184	0.010	7.22515	50.00000	Averaged
93 Diethylphthalate	1.36848	1.32260	1.32260	0.010	3.35261	50.00000	Averaged
94 Fluorene	1.39480	1.33352	1.33352	0.010	4.39361	50.00000	Averaged
95 4-Chlorophenyl-phenylether	0.63281	0.62312	0.62312	0.010	1.53131	50.00000	Averaged
96 4-Nitroaniline	0.36236	0.35629	0.35629	0.010	1.67545	50.00000	Averaged
98 4,6-Dinitro-2-methylphenol	5.00000	3.90683	0.13189	0.010	21.86345	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine	0.58970	0.56443	0.56443	0.010	4.28611	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.72623	0.64858	0.64858	0.010	10.69294	50.00000	Averaged
106 4-Bromophenyl-phenylether	0.20608	0.20509	0.20509	0.010	0.48115	50.00000	Averaged
107 Hexachlorobenzene	0.23332	0.23115	0.23115	0.010	0.93244	50.00000	Averaged
212 Atrazine	0.21238	0.20691	0.20691	0.010	2.57700	50.00000	Averaged
111 Pentachlorophenol	10.00000	9.16406	0.14248	0.010	8.35937	20.00000	Quadratic
115 Phenanthrene	1.21351	1.15449	1.15449	0.010	4.86296	50.00000	Averaged
116 Anthracene	1.19896	1.16528	1.16528	0.010	2.80929	50.00000	Averaged
119 Carbazole	1.08647	1.03326	1.03326	0.010	4.89753	50.00000	Averaged
120 Di-n-Butylphthalate	1.30928	1.32872	1.32872	0.010	-1.48487	50.00000	Averaged
123 Fluoranthene	1.19072	1.15634	1.15634	0.010	2.88705	20.00000	Averaged
124 Benzidine	0.80231	0.70391	0.70391	0.010	12.26434	50.00000	Averaged
125 Pyrene	1.35505	1.29131	1.29131	0.010	4.70339	50.00000	Averaged
131 Butylbenzylphthalate	0.64139	0.61905	0.61905	0.010	3.48357	50.00000	Averaged
133 3,3'-Dimethoxybenzidine	0.29729	0.27801	0.27801	0.010	6.48404	50.00000	Averaged
135 3,3'-Dichlorobenzidine	0.49843	0.49466	0.49466	0.010	0.75579	50.00000	Averaged
136 Benzo(a)Anthracene	1.35300	1.27997	1.27997	0.010	5.39784	50.00000	Averaged
137 Chrysene	1.24199	1.15471	1.15471	0.010	7.02722	50.00000	Averaged
138 4,4'-Methylene bis(o-chloro	0.23719	0.23439	0.23439	0.010	1.17999	50.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.91552	0.87185	0.87185	0.010	4.76992	50.00000	Averaged
140 Di-n-octylphthalate	5.00000	4.62618	1.44571	0.010	7.47632	0.000e+000	Quadratic
141 Benzo(b)fluoranthene	1.32205	1.30305	1.30305	0.010	1.43788	50.00000	Averaged
142 Benzo(k)fluoranthene	1.34984	1.26116	1.26116	0.010	6.56912	50.00000	Averaged

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i Injection Date: 21-DEC-2007 09:32
Lab File ID: 2SMH1221.D Init. Cal. Date(s): 10-DEC-2007 13-DEC-2007
Analysis Type: Init. Cal. Times: 07:13 20:42
Lab Sample ID: L6 Quant Type: ISTD
Method: \\CANSVR11\dd\chem\MSS\a4ag2.i\71221A.b\8270P.m

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
146 Benzo(a)pyrene	1.19217	1.14409	1.14409	0.010	4.03296	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.30270	1.28337	1.28337	0.010	1.48408	50.00000	Averaged
150 Dibenz(a,h)anthracene	1.11571	1.10994	1.10994	0.010	0.51715	50.00000	Averaged
151 Benzo(g,h,i)perylene	1.08764	1.07770	1.07770	0.010	0.91316	50.00000	Averaged
$ 154 Nitrobenzene-d5	0.31804	0.29543	0.29543	0.010	7.10870	50.00000	Averaged
$ 155 2-Fluorobiphenyl	1.34502	1.30822	1.30822	0.010	2.73559	50.00000	Averaged
$ 156 Terphenyl-d14	0.91879	0.89577	0.89577	0.010	2.50477	50.00000	Averaged
$ 157 Phenol-d5	1.67886	1.54392	1.54392	0.010	8.03794	50.00000	Averaged
$ 158 2-Fluorophenol	1.23942	1.16482	1.16482	0.010	6.01915	50.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.18988	0.19974	0.19974	0.010	-5.19253	50.00000	Averaged
$ 186 2-Chlorophenol-d4	1.42746	1.34914	1.34914	0.010	5.48666	50.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.88781	0.84530	0.84530	0.010	4.78759	50.00000	Averaged
M 195 Cresols, total	2.65905	2.43048	2.43048	0.010	8.59583	50.00000	Averaged
101 Diphenylamine	0.58970	0.56443	0.56443	0.010	4.28611	50.00000	Averaged

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON | Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: 2DF1226 DFTPP Injection Date: 12/26/07

Instrument ID: A4AG2 DFTPP Injection Time: 1719

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	46.0
68	Less than 2.0% of mass 69	0.7 (1.5)1
69	Mass 69 relative abundance	45.1
70	Less than 2.0% of mass 69	0.2 (0.5)1
127	40.0 - 60.0% of mass 198	54.7
197	Less than 1.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	23.3
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than mass 443	8.0
442	Greater than 40.0% of mass 198	55.3
443	17.0 - 23.0% of mass 442	10.4 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD006	L6	2SMH1226	12/26/07	1811
02	SSTD005	L5	2SMM1226	12/26/07	1828
03	SSTD004	L4	2SM1226	12/26/07	1846
04	SSTD003	L3	2SML1226	12/26/07	1904
05	SSTD002	L2	2SL1226	12/26/07	1922
06	SSTD001	L1	2SLL1226	12/26/07	1939
07	SSTD007	L7	2SH1226	12/26/07	1957
08	SSTD008	L8	2SHH1226	12/26/07	2015
09	SSTD009	L9	2HHH1226	12/26/07	2033
10	MW74A-121107	KD05R1CG	KD05R1CG	12/26/07	2255
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

mlb 12/28/07

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 18:11
End Cal Date : 26-DEC-2007 20:33
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\8270p.m
Last Edit : 27-Dec-2007 11:04 ulmanm
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\2SLL1226.D
Level 2: \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\2SL1226.D
Level 3: \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\2SML1226.D
Level 4: \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\2SM1226.D
Level 5: \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\2SMM1226.D
Level 6: \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\2SMH1226.D
Level 7: \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\2SH1226.D
Level 8: \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\2SHH1226.D
Level 9: \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\2HHH1226.D

Compound	0.05000 Level 1 / 7.500 Level 7	0.25000 Level 2 / 10.000 Level 8	0.50000 Level 3 / 12.500 Level 9	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
198 1,4-Dioxane	+++++	0.52275	0.45105	0.54979	0.45447	0.49809			
	0.53124	0.61085	0.51101				0.51616	10.031	<-
7 N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
8 Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
9 Pyridine	+++++	1.04890	1.05924	1.18693	1.16802	1.22701			
	1.23743	1.45772	1.42497				1.22628	12.231	<-
10 N-Nitrosodimethylamine	+++++	0.59376	0.64289	0.74215	0.69442	0.72819			
	0.67646	0.87436	0.76069				0.71412	11.858	<-
11 Ethyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
12 3-Chloropropionitrile	+++++	0.75580	0.82832	0.88788	0.80759	0.84912			
	0.77563	0.85067	0.85989				0.82686	5.394	<-
13 Malononitrile	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 18:11
End Cal Date : 26-DEC-2007 20:33
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\8270p.m
Last Edit : 27-Dec-2007 11:04 ulmanm
Curve Type : Average

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
237 3,4-Dichloronitrobenzene	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
238 Bis(2-hydroxyphenyl)methane	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
239 Bis(4-hydroxyphenyl)methane	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
240 4-Chlorophenol	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
241 2,3-Dichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
242 2,5-Dichlorophenol	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
243 Octachlorostyrene	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
244 Octachlorocyclopentene	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
$ 154 Nitrobenzene-d5	0.23618	0.27464	0.25366	0.31844	0.30278	0.32555			
	0.31949	0.36251	0.35403				0.30525	14.101	
$ 155 2-Fluorobiphenyl	1.46038	1.32822	1.34312	1.41977	1.33958	1.37218			
	1.33451	1.52842	1.52593				1.40579	5.800	
$ 156 Terphenyl-d14	0.97606	0.83304	0.82624	0.87222	0.85424	0.89295			
	0.87755	0.98806	0.97402				0.89938	7.072	

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-DEC-2007 18:11
End Cal Date : 26-DEC-2007 20:33
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4ag2.i\71226A.b\8270p.m
Last Edit : 27-Dec-2007 11:04 ulmanm
Curve Type : Average

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
$ 157 Phenol-d5	1.49321	1.44402	1.53556	1.66266	1.55248	1.63978			
	1.63413	1.90249	1.86130				1.63618	9.586	
$ 158 2-Fluorophenol	1.12713	1.08786	1.14345	1.26698	1.17988	1.22877			
	1.26673	1.42792	1.39861				1.23637	9.516	
$ 159 2,4,6-Tribromophenol	+++++	0.12002	0.12866	0.14425	0.14957	0.15232			
	0.15913	0.19058	0.19890				0.15543	17.666	<-
$ 186 2-Chlorophenol-d4	+++++	1.23268	1.28794	1.40730	1.27184	1.35251			
	1.34818	1.52137	1.52018				1.36775	7.953	<-
$ 187 1,2-Dichlorobenzene-d4	+++++	0.87763	0.87338	0.91953	0.84347	0.88673			
	0.85489	0.95703	0.95717				0.89623	4.883	<-

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i
Lab File ID: 2TCLICV.D
Analysis Type:
Lab Sample ID: L6
Method: \\CANSVR11\dd\chem\MSS\a4ag2.i\71226A.b\8270P.m

Injection Date: 26-DEC-2007 20:51
Init. Cal. Date(s): 26-DEC-2007 26-DEC-2007
Init. Cal. Times: 18:11 20:33
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
198 1,4-Dioxane	0.51616	0.48195	0.48195	0.010	6.62691	50.00000	Averaged
9 Pyridine	1.22628	1.19585	1.19585	0.010	2.48094	50.00000	Averaged
10 N-Nitrosodimethylamine	0.71412	0.70413	0.70413	0.010	1.39764	50.00000	Averaged
12 3-Chloropropionitrile	0.82686	0.82376	0.82376	0.010	0.37481	50.00000	Averaged
209 Benzaldehyde	0.80736	0.75241	0.75241	0.010	6.80606	50.00000	Averaged
21 Aniline	1.94174	1.83360	1.83360	0.010	5.56952	50.00000	Averaged
22 Phenol	1.69927	1.59043	1.59043	0.010	6.40529	20.00000	Averaged
23 bis(2-Chloroethyl)ether	1.47498	1.40751	1.40751	0.010	4.57448	50.00000	Averaged
24 2-Chlorophenol	1.44880	1.39025	1.39025	0.010	4.04134	50.00000	Averaged
26 1,3-Dichlorobenzene	1.39215	1.33219	1.33219	0.010	4.30696	50.00000	Averaged
27 1,4-Dichlorobenzene	0.87902	0.86751	0.86751	0.010	1.30937	20.00000	Averaged
28 1,2-Dichlorobenzene	1.37089	1.30921	1.30921	0.010	4.49904	50.00000	Averaged
29 Benzyl Alcohol	0.89626	0.91813	0.91813	0.010	-2.44081	50.00000	Averaged
30 2-Methylphenol	1.30991	1.26239	1.26239	0.010	3.62738	50.00000	Averaged
31 bis(2-Chloroisopropyl)ether	2.04835	1.91575	1.91575	0.010	6.47318	50.00000	Averaged
37 Acetophenone	1.82330	1.75589	1.75589	0.010	3.69701	50.00000	Averaged
32 N-Nitroso-di-n-propylamine	5.00000	4.94113	0.94812	0.050	1.17730	0.000e+000	Quadratic
192 4-Methylphenol	1.37441	1.33275	1.33275	0.010	3.03165	50.00000	Averaged
34 Hexachloroethane	0.50923	0.49764	0.49764	0.010	2.27538	50.00000	Averaged
35 Nitrobenzene	0.31207	0.32435	0.32435	0.010	-3.93459	50.00000	Averaged
41 Isophorone	0.55213	0.54827	0.54827	0.010	0.69960	50.00000	Averaged
42 2-Nitrophenol	5.00000	4.89948	0.17668	0.010	2.01044	0.000e+000	Quadratic
43 2,4-Dimethylphenol	0.35667	0.34604	0.34604	0.010	2.98010	50.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.35706	0.34407	0.34407	0.010	3.63844	50.00000	Averaged
46 2,4-Toluenediamene	0.18317	0.18067	0.18067	0.010	1.36443	50.00000	Averaged
47 1,3,5-Trichlorobenzene	0.26026	0.24852	0.24852	0.010	4.51395	50.00000	Averaged
48 2,4-Dichlorophenol	0.26733	0.26311	0.26311	0.010	1.57676	20.00000	Averaged
49 Benzoic Acid	10.00000	10.75387	0.21702	0.010	-7.53869	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.27000	0.25769	0.25769	0.010	4.55810	50.00000	Averaged
51 Naphthalene	0.97154	0.93826	0.93826	0.010	3.42584	50.00000	Averaged
52 4-Chloroaniline	0.41442	0.41165	0.41165	0.010	0.66929	50.00000	Averaged
56 Hexachlorobutadiene	0.15585	0.15212	0.15212	0.010	2.38874	20.00000	Averaged
210 Caprolactam	5.00000	5.08683	0.09897	0.010	-1.73659	0.000e+000	Quadratic
57 1,2,3-Trichlorobenzene	0.24837	0.23857	0.23857	0.010	3.94514	50.00000	Averaged
59 4-Chloro-3-Methylphenol	0.31097	0.29774	0.29774	0.010	4.25289	20.00000	Averaged
62 2-Methylnaphthalene	0.59479	0.57300	0.57300	0.010	3.66351	50.00000	Averaged
63 1-Methylnaphthalene	0.65736	0.62038	0.62038	0.010	5.62502	50.00000	Averaged
64 Hexachlorocyclopentadiene	5.00000	5.03828	0.33185	0.050	-0.76559	0.000e+000	Quadratic
66 2,4,6-Trichlorophenol	0.37157	0.36493	0.36493	0.010	1.78802	20.00000	Averaged
67 2,4,5-Trichlorophenol	0.40322	0.37403	0.37403	0.010	7.23836	50.00000	Averaged
211 1,1'-Biphenyl	1.62461	1.50237	1.50237	0.010	7.52389	50.00000	Averaged
68 1,2,3,5-Tetrachlorobenzene	0.52818	0.49340	0.49340	0.010	6.58540	50.00000	Averaged

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i Injection Date: 26-DEC-2007 20:51
Lab File ID: 2TCLICV.D Init. Cal. Date(s): 26-DEC-2007 26-DEC-2007
Analysis Type: Init. Cal. Times: 18:11 20:33
Lab Sample ID: L6 Quant Type: ISTD
Method: \\CANSVR11\dd\chem\MSS\a4ag2.i\71226A.b\8270P.m

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 2-Chloronaphthalene	1.15636	1.09343	1.09343	0.010	5.44192	50.00000	Averaged
73 2-Nitroaniline	5.00000	5.10780	0.34219	0.010	-2.15592	0.000e+000	Quadratic
74 1,2,3,4-Tetrachlorobenzene	0.47673	0.45556	0.45556	0.010	4.44171	50.00000	Averaged
76 Dimethylphthalate	1.33932	1.29064	1.29064	0.010	3.63470	50.00000	Averaged
78 2,6-Dinitrotoluene	5.00000	5.14240	0.28665	0.010	-2.84805	0.000e+000	Quadratic
79 Acenaphthylene	1.91594	1.91433	1.91433	0.010	0.08405	50.00000	Averaged
80 1,2-Dinitrobenzene	5.00000	4.97989	0.15129	0.010	0.40220	0.000e+000	Quadratic
81 3-Nitroaniline	5.00000	4.97153	0.32155	0.010	0.56943	0.000e+000	Quadratic
82 Acenaphthene	1.24561	1.15384	1.15384	0.010	7.36680	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	10.67389	0.19381	0.050	-6.73894	0.000e+000	Quadratic
85 4-Nitrophenol	5.00000	4.98932	0.20556	0.050	0.21356	0.000e+000	Quadratic
86 Dibenzofuran	1.75235	1.66311	1.66311	0.010	5.09292	50.00000	Averaged
87 2,4-Dinitrotoluene	5.00000	5.11931	0.39907	0.010	-2.38625	0.000e+000	Quadratic
91 2,3,5,6-Tetrachlorophenol	0.33699	0.32550	0.32550	0.010	3.40865	50.00000	Averaged
93 Diethylphthalate	1.58425	1.40243	1.40243	0.010	11.47657	50.00000	Averaged
94 Fluorene	1.45318	1.36085	1.36085	0.010	6.35345	50.00000	Averaged
95 4-Chlorophenyl-phenylether	0.64312	0.61267	0.61267	0.010	4.73545	50.00000	Averaged
96 4-Nitroaniline	5.00000	5.15318	0.35735	0.010	-3.06361	0.000e+000	Quadratic
98 4,6-Dinitro-2-methylphenol	5.00000	5.00045	0.13157	0.010	-0.00893	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine	0.60488	0.57497	0.57497	0.010	4.94500	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.79200	0.76751	0.76751	0.010	3.09282	50.00000	Averaged
106 4-Bromophenyl-phenylether	0.19927	0.19282	0.19282	0.010	3.23611	50.00000	Averaged
107 Hexachlorobenzene	0.20645	0.19472	0.19472	0.010	5.68063	50.00000	Averaged
212 Atrazine	0.19142	0.20509	0.20509	0.010	-7.14087	50.00000	Averaged
111 Pentachlorophenol	10.00000	9.86802	0.14435	0.010	1.31976	20.00000	Quadratic
115 Phenanthrene	1.17718	1.11721	1.11721	0.010	5.09467	50.00000	Averaged
116 Anthracene	1.13797	1.12875	1.12875	0.010	0.81044	50.00000	Averaged
119 Carbazole	1.08599	1.05839	1.05839	0.010	2.54209	50.00000	Averaged
120 Di-n-Butylphthalate	1.23006	1.31527	1.31527	0.010	-6.92726	50.00000	Averaged
123 Fluoranthene	1.15573	1.15085	1.15085	0.010	0.42248	20.00000	Averaged
124 Benzidine	5.00000	5.41176	0.66589	0.010	-8.23517	0.000e+000	Quadratic
125 Pyrene	1.31524	1.30215	1.30215	0.010	0.99583	50.00000	Averaged
131 Butylbenzylphthalate	5.00000	5.02125	0.61670	0.010	-0.42490	0.000e+000	Quadratic
133 3,3'-Dimethoxybenzidine	5.00000	6.45874	0.23216	0.010	-29.17474	0.000e+000	Quadratic
135 3,3'-Dichlorobenzidine	5.00000	4.98603	0.45245	0.010	0.27948	0.000e+000	Quadratic
136 Benzo(a)Anthracene	1.29769	1.24138	1.24138	0.010	4.33912	50.00000	Averaged
137 Chrysene	1.21650	1.14285	1.14285	0.010	6.05356	50.00000	Averaged
138 4,4'-Methylene bis(o-chloro	5.00000	5.13373	0.22902	0.010	-2.67452	0.000e+000	Quadratic
139 bis(2-ethylhexyl)Phthalate	5.00000	4.88829	0.84979	0.010	2.23425	0.000e+000	Quadratic
140 Di-n-octylphthalate	5.00000	4.79761	1.43275	0.010	4.04778	0.000e+000	Quadratic
141 Benzo(b)fluoranthene	1.30677	1.19969	1.19969	0.010	8.19427	50.00000	Averaged
142 Benzo(k)fluoranthene	1.34593	1.35125	1.35125	0.010	-0.39528	50.00000	Averaged

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i
Lab File ID: 2TCLICV.D
Analysis Type:
Lab Sample ID: L6
Method: \\CANSVR11\dd\chem\MSS\a4ag2.i\71226A.b\8270P.m

Injection Date: 26-DEC-2007 20:51
Init. Cal. Date(s): 26-DEC-2007 26-DEC-2007
Init. Cal. Times: 18:11 20:33
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
146 Benzo(a)pyrene	1.15545	1.11893	1.11893	0.010	3.16060	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.22477	1.23781	1.23781	0.010	-1.06501	50.00000	Averaged
150 Dibenz(a,h)anthracene	1.06556	1.07711	1.07711	0.010	-1.08391	50.00000	Averaged
151 Benzo(g,h,i)perylene	1.05419	1.02459	1.02459	0.010	2.80814	50.00000	Averaged
$ 154 Nitrobenzene-d5	0.30525	0.33734	0.33734	0.010	-10.51266	50.00000	Averaged
$ 155 2-Fluorobiphenyl	1.40579	1.35041	1.35041	0.010	3.93953	50.00000	Averaged
$ 156 Terphenyl-d14	0.89938	0.87847	0.87847	0.010	2.32453	50.00000	Averaged
$ 157 Phenol-d5	1.63618	1.60072	1.60072	0.010	2.16701	50.00000	Averaged
$ 158 2-Fluorophenol	1.23637	1.18667	1.18667	0.010	4.02007	50.00000	Averaged
$ 159 2,4,6-Tribromophenol	5.00000	5.11718	0.15929	0.010	-2.34351	0.000e+000	Quadratic
$ 186 2-Chlorophenol-d4	1.36775	1.27514	1.27514	0.010	6.77099	50.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.89623	0.84933	0.84933	0.010	5.23276	50.00000	Averaged
M 195 Cresols, total	2.68432	2.59514	2.59514	0.010	3.32236	50.00000	Averaged
101 Diphenylamine	0.60488	0.57497	0.57497	0.010	4.94500	50.00000	Averaged

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON | Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: 2DF1227 DFTPP Injection Date: 12/27/07

Instrument ID: A4AG2 DFTPP Injection Time: 1317

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0% of mass 198	43.1	
68	Less than 2.0% of mass 69	0.6	(1.5)1
69	Mass 69 relative abundance	42.9	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	40.0 - 60.0% of mass 198	52.9	
197	Less than 1.0% of mass 198	0.5	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0% of mass 198	6.9	
275	10.0 - 30.0% of mass 198	25.2	
365	Greater than 1.0% of mass 198	3.3	
441	Present, but less than mass 443	9.9	
442	Greater than 40.0% of mass 198	69.9	
443	17.0 - 23.0% of mass 442	13.1	(18.8)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD006	L6	2SMH1227	12/27/07	1334
02	RW-01I-12110	KD0811CG	KD0811CG	12/27/07	1722
03					
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TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i Injection Date: 27-DEC-2007 13:34
Lab File ID: 2SMH1227.D Init. Cal. Date(s): 26-DEC-2007 26-DEC-2007
Analysis Type: Init. Cal. Times: 18:11 20:33
Lab Sample ID: L6 Quant Type: ISTD
Method: \\CANSVR11\dd\chem\MSS\a4ag2.i\71227A.b\8270P.m

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
198 1,4-Dioxane	0.51616	0.51657	0.51657	0.010	-0.08038	50.00000	Averaged
9 Pyridine	1.22628	1.28549	1.28549	0.010	-4.82910	50.00000	Averaged
10 N-Nitrosodimethylamine	0.71412	0.76570	0.76570	0.010	-7.22331	50.00000	Averaged
12 3-Chloropropionitrile	0.82686	0.85653	0.85653	0.010	-3.58778	50.00000	Averaged
209 Benzaldehyde	0.80736	0.69413	0.69413	0.010	14.02451	50.00000	Averaged
21 Aniline	1.94174	1.98696	1.98696	0.010	-2.32890	50.00000	Averaged
22 Phenol	1.69927	1.70182	1.70182	0.010	-0.14968	20.00000	Averaged
23 bis(2-Chloroethyl)ether	1.47498	1.30278	1.30278	0.010	11.67473	50.00000	Averaged
24 2-Chlorophenol	1.44880	1.42669	1.42669	0.010	1.52616	50.00000	Averaged
26 1,3-Dichlorobenzene	1.39215	1.36833	1.36833	0.010	1.71093	50.00000	Averaged
27 1,4-Dichlorobenzene	0.87902	0.84559	0.84559	0.010	3.80289	20.00000	Averaged
28 1,2-Dichlorobenzene	1.37089	1.34434	1.34434	0.010	1.93638	50.00000	Averaged
29 Benzyl Alcohol	0.89626	0.92369	0.92369	0.010	-3.06112	50.00000	Averaged
30 2-Methylphenol	1.30991	1.27456	1.27456	0.010	2.69824	50.00000	Averaged
31 bis(2-Chloroisopropyl)ether	2.04835	1.98474	1.98474	0.010	3.10514	50.00000	Averaged
37 Acetophenone	1.82330	1.75036	1.75036	0.010	4.00046	50.00000	Averaged
32 N-Nitroso-di-n-propylamine	5.00000	5.05386	0.97210	0.050	-1.07726	0.000e+000	Quadratic
192 4-Methylphenol	1.37441	1.36708	1.36708	0.010	0.53330	50.00000	Averaged
34 Hexachloroethane	0.50923	0.51624	0.51624	0.010	-1.37656	50.00000	Averaged
35 Nitrobenzene	0.31207	0.34195	0.34195	0.010	-9.57211	50.00000	Averaged
41 Isophorone	0.55213	0.56675	0.56675	0.010	-2.64849	50.00000	Averaged
42 2-Nitrophenol	5.00000	5.29406	0.19252	0.010	-5.88123	0.000e+000	Quadratic
43 2,4-Dimethylphenol	0.35667	0.36738	0.36738	0.010	-3.00291	50.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.35706	0.35084	0.35084	0.010	1.74295	50.00000	Averaged
46 2,4-Toluenediamene	0.18317	0.12904	0.12904	0.010	29.54913	50.00000	Averaged
47 1,3,5-Trichlorobenzene	0.26026	0.25750	0.25750	0.010	1.06389	50.00000	Averaged
48 2,4-Dichlorophenol	0.26733	0.27782	0.27782	0.010	-3.92414	20.00000	Averaged
49 Benzoic Acid	10.00000	10.78591	0.21779	0.010	-7.85913	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.27000	0.26566	0.26566	0.010	1.60647	50.00000	Averaged
51 Naphthalene	0.97154	0.96439	0.96439	0.010	0.73602	50.00000	Averaged
52 4-Chloroaniline	0.41442	0.39312	0.39312	0.010	5.14045	50.00000	Averaged
56 Hexachlorobutadiene	0.15585	0.15400	0.15400	0.010	1.18415	20.00000	Averaged
210 Caprolactam	5.00000	5.24690	0.10248	0.010	-4.93798	0.000e+000	Quadratic
57 1,2,3-Trichlorobenzene	0.24837	0.24527	0.24527	0.010	1.24747	50.00000	Averaged
59 4-Chloro-3-Methylphenol	0.31097	0.30935	0.30935	0.010	0.52032	20.00000	Averaged
62 2-Methylnaphthalene	0.59479	0.58175	0.58175	0.010	2.19318	50.00000	Averaged
63 1-Methylnaphthalene	0.65736	0.63272	0.63272	0.010	3.74762	50.00000	Averaged
64 Hexachlorocyclopentadiene	5.00000	5.79055	0.38882	0.050	-15.81103	0.000e+000	Quadratic
66 2,4,6-Trichlorophenol	0.37157	0.39439	0.39439	0.010	-6.14224	20.00000	Averaged
67 2,4,5-Trichlorophenol	0.40322	0.41498	0.41498	0.010	-2.91745	50.00000	Averaged
211 1,1'-Biphenyl	1.62461	1.60947	1.60947	0.010	0.93150	50.00000	Averaged
68 1,2,3,5-Tetrachlorobenzene	0.52818	0.52668	0.52668	0.010	0.28485	50.00000	Averaged

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i Injection Date: 27-DEC-2007 13:34
Lab File ID: 2SMH1227.D Init. Cal. Date(s): 26-DEC-2007 26-DEC-2007
Analysis Type: Init. Cal. Times: 18:11 20:33
Lab Sample ID: L6 Quant Type: ISTD
Method: \\CANSVR11\dd\chem\MSS\a4ag2.i\71227A.b\8270P.m

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
70 2-Chloronaphthalene	1.15636	1.15376	1.15376	0.010	0.22450	50.00000	Averaged
73 2-Nitroaniline	5.00000	5.67657	0.38677	0.010	-13.53148	0.000e+000	Quadratic
74 1,2,3,4-Tetrachlorobenzene	0.47673	0.47205	0.47205	0.010	0.98157	50.00000	Averaged
76 Dimethylphthalate	1.33932	1.33445	1.33445	0.010	0.36396	50.00000	Averaged
78 2,6-Dinitrotoluene	5.00000	5.46530	0.30706	0.010	-9.30602	0.000e+000	Quadratic
79 Acenaphthylene	1.91594	2.02240	2.02240	0.010	-5.55616	50.00000	Averaged
80 1,2-Dinitrobenzene	5.00000	5.31708	0.16269	0.010	-6.34161	0.000e+000	Quadratic
81 3-Nitroaniline	5.00000	5.34179	0.34863	0.010	-6.83583	0.000e+000	Quadratic
82 Acenaphthene	1.24561	1.22712	1.22712	0.010	1.48449	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	12.09887	0.22761	0.050	-20.98867	0.000e+000	Quadratic
85 4-Nitrophenol	5.00000	5.67403	0.23868	0.050	-13.48070	0.000e+000	Quadratic
86 Dibenzofuran	1.75235	1.72169	1.72169	0.010	1.74980	50.00000	Averaged
87 2,4-Dinitrotoluene	5.00000	5.24422	0.40990	0.010	-4.88436	0.000e+000	Quadratic
91 2,3,5,6-Tetrachlorophenol	0.33699	0.34437	0.34437	0.010	-2.18986	50.00000	Averaged
93 Diethylphthalate	1.58425	1.41947	1.41947	0.010	10.40091	50.00000	Averaged
94 Fluorene	1.45318	1.43115	1.43115	0.010	1.51576	50.00000	Averaged
95 4-Chlorophenyl-phenylether	0.64312	0.62498	0.62498	0.010	2.82080	50.00000	Averaged
96 4-Nitroaniline	5.00000	5.34740	0.37290	0.010	-6.94795	0.000e+000	Quadratic
98 4,6-Dinitro-2-methylphenol	5.00000	5.83570	0.15923	0.010	-16.71392	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine	0.60488	0.56145	0.56145	0.010	7.17913	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.79200	0.81906	0.81906	0.010	-3.41659	50.00000	Averaged
106 4-Bromophenyl-phenylether	0.19927	0.20288	0.20288	0.010	-1.80889	50.00000	Averaged
107 Hexachlorobenzene	0.20645	0.21259	0.21259	0.010	-2.97245	50.00000	Averaged
212 Atrazine	0.19142	0.20375	0.20375	0.010	-6.44439	50.00000	Averaged
111 Pentachlorophenol	10.00000	9.80595	0.14333	0.010	1.94053	20.00000	Quadratic
115 Phenanthrene	1.17718	1.19680	1.19680	0.010	-1.66655	50.00000	Averaged
116 Anthracene	1.13797	1.16822	1.16822	0.010	-2.65781	50.00000	Averaged
119 Carbazole	1.08599	1.12622	1.12622	0.010	-3.70466	50.00000	Averaged
120 Di-n-Butylphthalate	1.23006	1.37555	1.37555	0.010	-11.82787	50.00000	Averaged
123 Fluoranthene	1.15573	1.20225	1.20225	0.010	-4.02489	20.00000	Averaged
124 Benzidine	5.00000	5.73703	0.71483	0.010	-14.74056	0.000e+000	Quadratic
125 Pyrene	1.31524	1.37804	1.37804	0.010	-4.77455	50.00000	Averaged
131 Butylbenzylphthalate	5.00000	5.28803	0.65345	0.010	-5.76054	0.000e+000	Quadratic
133 3,3'-Dimethoxybenzidine	5.00000	7.51519	0.28593	0.010	-50.30386	0.000e+000	Quadratic
135 3,3'-Dichlorobenzidine	5.00000	5.24542	0.47889	0.010	-4.90831	0.000e+000	Quadratic
136 Benzo(a)Anthracene	1.29769	1.28432	1.28432	0.010	1.03078	50.00000	Averaged
137 Chrysene	1.21650	1.19330	1.19330	0.010	1.90666	50.00000	Averaged
138 4,4'-Methylene bis(o-chloro	5.00000	5.39351	0.24267	0.010	-7.87022	0.000e+000	Quadratic
139 bis(2-ethylhexyl)Phthalate	5.00000	5.23325	0.91771	0.010	-4.66502	0.000e+000	Quadratic
140 Di-n-octylphthalate	5.00000	5.29229	1.60364	0.010	-5.84573	0.000e+000	Quadratic
141 Benzo(b)fluoranthene	1.30677	1.26684	1.26684	0.010	3.05594	50.00000	Averaged
142 Benzo(k)fluoranthene	1.34593	1.41879	1.41879	0.010	-5.41317	50.00000	Averaged

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4ag2.i Injection Date: 27-DEC-2007 13:34
Lab File ID: 2SMH1227.D Init. Cal. Date(s): 26-DEC-2007 26-DEC-2007
Analysis Type: Init. Cal. Times: 18:11 20:33
Lab Sample ID: L6 Quant Type: ISTD
Method: \\CANSVR11\dd\chem\MSS\a4ag2.i\71227A.b\8270P.m

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
146 Benzo(a)pyrene	1.15545	1.17162	1.17162	0.010	-1.39993	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.22477	1.30655	1.30655	0.010	-6.67719	50.00000	Averaged
150 Dibenz(a,h)anthracene	1.06556	1.12792	1.12792	0.010	-5.85221	50.00000	Averaged
151 Benzo(g,h,i)perylene	1.05419	1.10856	1.10856	0.010	-5.15753	50.00000	Averaged
$ 154 Nitrobenzene-d5	0.30525	0.34457	0.34457	0.010	-12.88171	50.00000	Averaged
$ 155 2-Fluorobiphenyl	1.40579	1.40386	1.40386	0.010	0.13726	50.00000	Averaged
$ 156 Terphenyl-d14	0.89938	0.89139	0.89139	0.010	0.88833	50.00000	Averaged
$ 157 Phenol-d5	1.63618	1.64069	1.64069	0.010	-0.27556	50.00000	Averaged
$ 158 2-Fluorophenol	1.23637	1.21537	1.21537	0.010	1.69860	50.00000	Averaged
$ 159 2,4,6-Tribromophenol	5.00000	5.32461	0.16661	0.010	-6.49226	0.000e+000	Quadratic
$ 186 2-Chlorophenol-d4	1.36775	1.32634	1.32634	0.010	3.02763	50.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.89623	0.86561	0.86561	0.010	3.41579	50.00000	Averaged
M 195 Cresols, total	2.68432	2.64165	2.64165	0.010	1.58976	50.00000	Averaged
101 Diphenylamine	0.60488	0.56145	0.56145	0.010	7.17913	50.00000	Averaged

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: 7DF1219 DFTPP Injection Date: 12/19/07

Instrument ID: A4HP7 DFTPP Injection Time: 1415

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	45.6
68	Less than 2.0% of mass 69	0.6 (1.4)1
69	Mass 69 relative abundance	45.3
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	50.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	18.4
365	Greater than 1.0% of mass 198	1.7
441	Present, but less than mass 443	11.1
442	40.0 - 100.0% of mass 198	72.1
443	17.0 - 23.0% of mass 442	13.8 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD005	L5	7SMM1219	12/19/07	1440
02	SSTD004	L4	7SM1219	12/19/07	1500
03	SSTD003	L3	7SML1219	12/19/07	1519
04	SSTD002	L2	7SL1219	12/19/07	1539
05	SSTD001	L1	7SLL1219	12/19/07	1559
06	SSTD009	L9	7HHH1219	12/19/07	1618
07	SSTD008	L8	7SHH1219	12/19/07	1638
08	SSTD007	L7	7SH1219	12/19/07	1658
09	SSTD006	L6	7SMH1219	12/19/07	1718
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TestAmerica North Canton

okmv 12/20/07

INITIAL CALIBRATION DATA

Start Cal Date : 19-DEC-2007 14:40
End Cal Date : 19-DEC-2007 17:18
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\8270P.m
Last Edit : 19-Dec-2007 17:50 a4hp7.i
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\7SLL1219.D
Level 2: \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\7SL1219.D
Level 3: \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\7SML1219.D
Level 4: \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\7SM1219.D
Level 5: \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\7SMM1219.D
Level 6: \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\7SMH1219.D
Level 7: \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\7SH1219.D
Level 8: \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\7SHH1219.D
Level 9: \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\7HHH1219.D

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
198 1,4-Dioxane	+++++	0.68360	0.72448	0.69506	0.70441	0.64887			
	0.67512	0.79867	0.77775				0.71349	7.199	<-
7 N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
8 Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
9 Pyridine	+++++	1.41816	1.53380	1.69648	1.76636	1.73004			
	1.78552	2.07130	2.12743				1.76614	13.624	<-
10 N-Nitrosodimethylamine	+++++	1.04054	1.06911	1.09721	1.10151	1.05377			
	1.08332	1.25401	1.25437				1.11923	7.664	<-
11 Ethyl methacrylate	+++++	1.33360	1.38204	1.40134	1.41570	1.32917			
	1.36400	1.60011	1.58638				1.42654	7.514	<-
12 3-Chloropropionitrile	+++++	0.89308	0.92679	0.94487	0.94519	0.90787			
	0.90266	1.01131	1.03056				0.94529	5.352	<-
13 Malononitrile	+++++	1.98441	2.02653	2.12235	2.07686	1.94205			
	1.90438	2.14126	2.19949				2.04967	5.028	<-

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 19-DEC-2007 14:40
End Cal Date : 19-DEC-2007 17:18
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\8270P.m
Last Edit : 19-Dec-2007 17:50 a4hp7.i
Curve Type : Average

Compound	0.05000 Level 1 / 7.500 Level 7	0.25000 Level 2 / 10.000 Level 8	0.50000 Level 3 / 12.500 Level 9	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
227 Parathion	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
228 Isodrin	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
229 Kepone	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
231 Acrylamide	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
232 2-Methylcyclohexanone	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
233 3-Methylcyclohexanone	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
234 4-Methylcyclohexanone	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
235 Tributyl phosphate	+++++ / +++++	+++++ / +++++	+++++ / +++++	+++++	+++++	+++++	+++++	+++++	<-
$ 154 Nitrobenzene-d5	0.37766 / 0.38027	0.35644 / 0.42140	0.36309 / 0.42376	0.38448	0.38503	0.36884	0.38455	6.139	
$ 155 2-Fluorobiphenyl	1.33093 / 1.34603	1.19573 / 1.48526	1.19211 / 1.45582	1.27253	1.26175	1.33529	1.31949	7.777	
$ 156 Terphenyl-d14	0.80092 / 0.87782	0.76836 / 0.95923	0.78276 / 0.92301	0.82323	0.84836	0.90031	0.85378	7.720	

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 19-DEC-2007 14:40
End Cal Date : 19-DEC-2007 17:18
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4hp7.i\71219a.b\8270P.m
Last Edit : 19-Dec-2007 17:50 a4hp7.i
Curve Type : Average

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
$ 157 Phenol-d5	2.00012	1.97799	2.13288	2.22916	2.21118	2.25132			
	2.28351	2.58411	2.59542				2.25174	9.731	
$ 158 2-Fluorophenol	1.36561	1.36928	1.43652	1.48729	1.49785	1.48793			
	1.54292	1.80107	1.80923				1.53308	10.761	
$ 159 2,4,6-Tribromophenol	+++++	0.09386	0.10487	0.11890	0.12325	0.13038			
	0.14340	0.15866	0.15778				0.12889	18.241	<-
$ 186 2-Chlorophenol-d4	+++++	1.20039	1.30871	1.36240	1.36499	1.43187			
	1.49191	1.71707	1.70719				1.44807	12.699	<-
$ 187 1,2-Dichlorobenzene-d4	+++++	0.82175	0.83717	0.86627	0.85963	0.90954			
	0.88278	1.01372	1.00603				0.89961	8.125	

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: 7DF1227 DFTPP Injection Date: 12/27/07

Instrument ID: A4HP7 DFTPP Injection Time: 0920

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	49.7
68	Less than 2.0% of mass 69	0.7 (1.4)1
69	Mass 69 relative abundance	49.7
70	Less than 2.0% of mass 69	0.2 (0.5)1
127	40.0 - 60.0% of mass 198	51.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	18.9
365	Greater than 1.0% of mass 198	1.9
441	Present, but less than mass 443	9.9
442	40.0 - 100.0% of mass 198	62.9
443	17.0 - 23.0% of mass 442	12.0 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD006	L6	7SMH1227	12/27/07	0939
02	KD8WKBLK	KD8WK1AA	KD8WK1AA	12/27/07	0958
03	KD8WKCHK	KD8WK1AC	KD8WK1AC	12/27/07	1017
04	KD8WKCKDUP	KD8WK1AD	KD8WK1AD	12/27/07	1036
05	MW74A-121207	KD7CM1CG	KD7CM1CG	12/27/07	1655
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4hp7.i
Lab File ID: 7SMH1227.D
Analysis Type:
Lab Sample ID: L6
Method: \\cansvr11\dd\chem\MSS\a4hp7.i\71227a.b\8270p.m

Injection Date: 27-DEC-2007 09:39
Init. Cal. Date(s): 19-DEC-2007 19-DEC-2007
Init. Cal. Times: 14:40 17:18
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
9 Pyridine	1.76614	1.69553	1.69553	0.010	3.99805	50.00000	Averaged
10 N-Nitrosodimethylamine	1.11923	1.02957	1.02957	0.010	8.01089	50.00000	Averaged
11 Ethyl methacrylate	1.42654	1.35227	1.35227	0.010	5.20641	50.00000	Averaged
12 3-Chloropropionitrile	0.94529	0.89648	0.89648	0.010	5.16364	50.00000	Averaged
13 Malononitrile	2.04967	1.96027	1.96027	0.010	4.36153	50.00000	Averaged
209 Benzaldehyde	1.10309	0.92986	0.92986	0.010	15.70448	50.00000	Averaged
21 Aniline	2.80366	2.68370	2.68370	0.010	4.27898	50.00000	Averaged
22 Phenol	2.36876	2.25797	2.25797	0.010	4.67728	20.00000	Averaged
23 bis(2-Chloroethyl)ether	1.74088	1.63688	1.63688	0.010	5.97385	50.00000	Averaged
24 2-Chlorophenol	1.57068	1.56521	1.56521	0.010	0.34822	50.00000	Averaged
26 1,3-Dichlorobenzene	1.47172	1.47993	1.47993	0.010	-0.55808	50.00000	Averaged
27 1,4-Dichlorobenzene	0.90993	0.89834	0.89834	0.010	1.27344	20.00000	Averaged
28 1,2-Dichlorobenzene	1.41091	1.44456	1.44456	0.010	-2.38477	50.00000	Averaged
29 Benzyl Alcohol	1.21389	1.10793	1.10793	0.010	8.72874	50.00000	Averaged
30 2-Methylphenol	1.59902	1.53162	1.53162	0.010	4.21468	50.00000	Averaged
31 bis(2-Chloroisopropyl)ether	2.47891	2.37433	2.37433	0.010	4.21881	50.00000	Averaged
37 Acetophenone	2.12136	2.04165	2.04165	0.010	3.75755	50.00000	Averaged
32 N-Nitroso-di-n-propylamine	1.23499	1.20594	1.20594	0.050	2.35159	50.00000	Averaged
192 4-Methylphenol	1.70745	1.72857	1.72857	0.010	-1.23732	50.00000	Averaged
34 Hexachloroethane	0.52249	0.53485	0.53485	0.010	-2.36702	50.00000	Averaged
35 Nitrobenzene	0.38916	0.39003	0.39003	0.010	-0.22313	50.00000	Averaged
41 Isophorone	0.69768	0.70348	0.70348	0.010	-0.83005	50.00000	Averaged
42 2-Nitrophenol	0.18068	0.20046	0.20046	0.010	-10.94990	20.00000	Averaged
43 2,4-Dimethylphenol	0.36711	0.38449	0.38449	0.010	-4.73451	50.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.45372	0.45859	0.45859	0.010	-1.07386	50.00000	Averaged
46 2,4-Toluenediamene	5.00000	6.21777	0.14455	0.010	-24.35540	0.000e+000	Quadratic
47 1,3,5-Trichlorobenzene	0.23882	0.25500	0.25500	0.010	-6.77557	50.00000	Averaged
48 2,4-Dichlorophenol	0.26361	0.28248	0.28248	0.010	-7.15950	20.00000	Averaged
49 Benzoic Acid	10.00000	10.34705	0.24147	0.010	-3.47053	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.25002	0.25908	0.25908	0.010	-3.62534	50.00000	Averaged
51 Naphthalene	0.97048	1.02417	1.02417	0.010	-5.53213	50.00000	Averaged
52 4-Chloroaniline	0.42087	0.41879	0.41879	0.010	0.49399	50.00000	Averaged
56 Hexachlorobutadiene	0.10356	0.11459	0.11459	0.010	-10.65188	20.00000	Averaged
210 Caprolactam	5.00000	5.31164	0.12254	0.010	-6.23278	0.000e+000	Quadratic
57 1,2,3-Trichlorobenzene	0.22973	0.24300	0.24300	0.010	-5.77664	50.00000	Averaged
59 4-Chloro-3-Methylphenol	0.31474	0.32435	0.32435	0.010	-3.05437	20.00000	Averaged
62 2-Methylnaphthalene	0.57162	0.60220	0.60220	0.010	-5.34955	50.00000	Averaged
63 1-Methylnaphthalene	0.62681	0.65502	0.65502	0.010	-4.50014	50.00000	Averaged
64 Hexachlorocyclopentadiene	0.26404	0.23675	0.23675	0.050	10.33347	50.00000	Averaged
66 2,4,6-Trichlorophenol	5.00000	5.05476	0.37686	0.010	-1.09511	0.000e+000	Quadratic
67 2,4,5-Trichlorophenol	0.37380	0.38364	0.38364	0.010	-2.63235	50.00000	Averaged
211 1,1'-Biphenyl	1.50362	1.56993	1.56993	0.010	-4.41008	50.00000	Averaged

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4hp7.i
Lab File ID: 7SMH1227.D
Analysis Type:
Lab Sample ID: L6
Method: \\cansvr11\dd\chem\MSS\a4hp7.i\71227a.b\8270p.m

Injection Date: 27-DEC-2007 09:39
Init. Cal. Date(s): 19-DEC-2007 19-DEC-2007
Init. Cal. Times: 14:40 17:18
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
68 1,2,3,5-Tetrachlorobenzene	0.43626	0.46307	0.46307	0.010	-6.14462	50.00000	Averaged
70 2-Chloronaphthalene	1.15105	1.18897	1.18897	0.010	-3.29462	50.00000	Averaged
73 2-Nitroaniline	0.41531	0.42633	0.42633	0.010	-2.65564	50.00000	Averaged
74 1,2,3,4-Tetrachlorobenzene	0.39713	0.41888	0.41888	0.010	-5.47570	50.00000	Averaged
76 Dimethylphthalate	1.24564	1.27529	1.27529	0.010	-2.37973	50.00000	Averaged
78 2,6-Dinitrotoluene	5.00000	5.11881	0.29554	0.010	-2.37623	0.000e+000	Quadratic
79 Acenaphthylene	1.91978	2.08546	2.08546	0.010	-8.63001	50.00000	Averaged
80 1,2-Dinitrobenzene	5.00000	5.05106	0.15345	0.010	-1.02120	0.000e+000	Quadratic
81 3-Nitroaniline	5.00000	5.06793	0.36782	0.010	-1.35857	0.000e+000	Quadratic
82 Acenaphthene	1.14534	1.23437	1.23437	0.010	-7.77383	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	11.02567	0.20322	0.050	-10.25666	0.000e+000	Quadratic
85 4-Nitrophenol	5.00000	5.18507	0.15604	0.050	-3.70149	0.000e+000	Quadratic
86 Dibenzofuran	1.60564	1.67385	1.67385	0.010	-4.24875	50.00000	Averaged
87 2,4-Dinitrotoluene	5.00000	5.16702	0.38420	0.010	-3.34045	0.000e+000	Quadratic
91 2,3,5,6-Tetrachlorophenol	5.00000	4.88061	0.27716	0.010	2.38779	0.000e+000	Quadratic
93 Diethylphthalate	1.24917	1.28364	1.28364	0.010	-2.75941	50.00000	Averaged
94 Fluorene	1.30258	1.38080	1.38080	0.010	-6.00497	50.00000	Averaged
95 4-Chlorophenyl-phenylether	0.52694	0.55758	0.55758	0.010	-5.81482	50.00000	Averaged
96 4-Nitroaniline	0.35216	0.39515	0.39515	0.010	-12.20489	50.00000	Averaged
98 4,6-Dinitro-2-methylphenol	5.00000	5.49889	0.15122	0.010	-9.97773	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine	5.00000	5.14970	0.62250	0.010	-2.99406	0.000e+000	Quadratic
100 1,2-Diphenylhydrazine	1.03913	1.06984	1.06984	0.010	-2.95545	50.00000	Averaged
106 4-Bromophenyl-phenylether	0.16730	0.17983	0.17983	0.010	-7.49018	50.00000	Averaged
107 Hexachlorobenzene	0.17959	0.19135	0.19135	0.010	-6.54791	50.00000	Averaged
212 Atrazine	0.16555	0.18871	0.18871	0.010	-13.98919	50.00000	Averaged
111 Pentachlorophenol	10.00000	9.98855	0.12441	0.010	0.11452	0.000e+000	Quadratic
115 Phenanthrene	1.18735	1.25668	1.25668	0.010	-5.83915	50.00000	Averaged
116 Anthracene	1.14444	1.24688	1.24688	0.010	-8.95137	50.00000	Averaged
119 Carbazole	1.11311	1.19078	1.19078	0.010	-6.97782	50.00000	Averaged
120 Di-n-Butylphthalate	1.31155	1.52492	1.52492	0.010	-16.26794	50.00000	Averaged
123 Fluoranthene	1.07946	1.18426	1.18426	0.010	-9.70819	20.00000	Averaged
124 Benzidine	5.00000	5.02820	0.82736	0.010	-0.56408	0.000e+000	Quadratic
125 Pyrene	1.46561	1.57246	1.57246	0.010	-7.29028	50.00000	Averaged
131 Butylbenzylphthalate	5.00000	5.22255	0.79942	0.010	-4.45094	0.000e+000	Quadratic
133 3,3'-Dimethoxybenzidine	5.00000	5.94947	0.31535	0.010	-18.98934	0.000e+000	Quadratic
135 3,3'-Dichlorobenzidine	0.43868	0.48590	0.48590	0.010	-10.76401	50.00000	Averaged
136 Benzo(a)Anthracene	1.31362	1.34110	1.34110	0.010	-2.09138	50.00000	Averaged
137 Chrysene	1.21722	1.25679	1.25679	0.010	-3.25058	50.00000	Averaged
138 4,4'-Methylene bis(o-chloro	0.20279	0.23167	0.23167	0.010	-14.23719	50.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	1.03509	1.13010	1.13010	0.010	-9.17947	50.00000	Averaged
140 Di-n-octylphthalate	5.00000	5.18981	2.02369	0.010	-3.79625	0.000e+000	Quadratic
141 Benzo(b)fluoranthene	5.00000	5.27572	1.37319	0.010	-5.51442	0.000e+000	Quadratic

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4hp7.i
Lab File ID: 7SMH1227.D
Analysis Type:
Lab Sample ID: L6
Method: \\cansvr11\dd\chem\MSS\a4hp7.i\71227a.b\8270p.m

Injection Date: 27-DEC-2007 09:39
Init. Cal. Date(s): 19-DEC-2007 19-DEC-2007
Init. Cal. Times: 14:40 17:18
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
142 Benzo(k)fluoranthene	1.25667	1.29197	1.29197	0.010	-2.80906	50.00000	Averaged
146 Benzo(a)pyrene	5.00000	5.04578	1.19046	0.010	-0.91555	0.000e+000	Quadratic
149 Indeno(1,2,3-cd)pyrene	5.00000	4.91592	1.32516	0.010	1.68163	0.000e+000	Quadratic
150 Dibenz(a,h)anthracene	5.00000	4.93222	1.15605	0.010	1.35559	0.000e+000	Quadratic
151 Benzo(g,h,i)perylene	5.00000	5.02810	1.09058	0.010	-0.56195	0.000e+000	Quadratic
198 1,4-Dioxane	0.71349	0.65175	0.65175	0.010	8.65321	50.00000	Averaged
$ 154 Nitrobenzene-d5	0.38455	0.38187	0.38187	0.010	0.69811	50.00000	Averaged
$ 155 2-Fluorobiphenyl	1.31949	1.36691	1.36691	0.010	-3.59376	50.00000	Averaged
$ 156 Terphenyl-d14	0.85378	0.93887	0.93887	0.010	-9.96619	50.00000	Averaged
$ 157 Phenol-d5	2.25174	2.22214	2.22214	0.010	1.31472	50.00000	Averaged
$ 158 2-Fluorophenol	1.53308	1.48986	1.48986	0.010	2.81887	50.00000	Averaged
$ 159 2,4,6-Tribromophenol	5.00000	5.04319	0.13794	0.010	-0.86380	0.000e+000	Quadratic
$ 186 2-Chlorophenol-d4	1.44807	1.44653	1.44653	0.010	0.10640	50.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.89961	0.91688	0.91688	0.010	-1.91907	50.00000	Averaged
M 195 Cresols, total	3.34943	3.26019	3.26019	0.010	2.66436	50.00000	Averaged
101 Diphenylamine	5.00000	5.14970	0.62250	0.010	-2.99406	0.000e+000	Quadratic

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID: 7DF1228 DFTPP Injection Date: 12/28/07

Instrument ID: A4HP7 DFTPP Injection Time: 1412

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	49.5
68	Less than 2.0% of mass 69	0.6 (1.3)1
69	Mass 69 relative abundance	49.0
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	51.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	18.5
365	Greater than 1.0% of mass 198	1.8
441	Present, but less than mass 443	11.0
442	40.0 - 100.0% of mass 198	70.1
443	17.0 - 23.0% of mass 442	13.4 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD005	L5	7SMM1228	12/28/07	1432
02	SSTD004	L4	7SM1228	12/28/07	1452
03	SSTD003	L3	7SML1228	12/28/07	1511
04	SSTD002	L2	7SL1228	12/28/07	1531
05	SSTD001	L1	7SLL1228	12/28/07	1551
06	SSTD009	L9	7HHH1228	12/28/07	1610
07	SSTD008	L8	7SHH1228	12/28/07	1630
08	SSTD007	L7	7SH1228	12/28/07	1649
09	SSTD006	L6	7SMH1228	12/28/07	1709
10	RW-01I-12120	KD7EX1CG	KD7EX1CG	12/29/07	0145
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-DEC-2007 14:32
End Cal Date : 28-DEC-2007 17:09
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\8270P.m
Last Edit : 02-Jan-2008 17:05 ulmanm
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\7SLL1228.D
Level 2: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\7SL1228.D
Level 3: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\7SML1228.D
Level 4: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\7SM1228.D
Level 5: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\7SMM1228.D
Level 6: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\7SMH1228.D
Level 7: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\7SH1228.D
Level 8: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\7SHH1228.D
Level 9: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\7HHH1228.D

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
198 1,4-Dioxane	+++++	0.58311	0.49115	0.61578	0.63600	0.61879			
	0.60803	0.69655	0.61740				0.60835	9.456	<-
7 N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
8 Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
9 Pyridine	+++++	1.33534	1.31495	1.69453	1.68900	1.63857			
	1.67672	1.90887	1.83271				1.63633	12.954	<-
10 N-Nitrosodimethylamine	+++++	0.90281	0.81691	1.04345	1.04214	0.96715			
	0.98375	1.15619	1.11078				1.00290	10.960	<-
11 Ethyl methacrylate	+++++	1.24916	1.09253	1.30575	1.33875	1.24991			
	1.23945	1.46195	1.36096				1.28731	8.407	<-
12 3-Chloropropionitrile	+++++	0.86540	0.78859	0.91190	0.91306	0.86867			
	0.83470	0.97275	0.97906				0.89177	7.361	<-
13 Malononitrile	+++++	1.78769	1.79201	2.11883	2.09017	1.85377			
	1.79900	1.99123	1.96755				1.92503	7.039	<-

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-DEC-2007 14:32
End Cal Date : 28-DEC-2007 17:09
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\8270P.m
Last Edit : 02-Jan-2008 17:05 ulmanm
Curve Type : Average

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
227 Parathion	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
228 Isodrin	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
229 Kepone	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
231 Acrylamide	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
232 2-Methylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
233 3-Methylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
234 4-Methylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
235 Tributyl phosphate	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++	+++++	+++++				+++++	+++++	<-
$ 154 Nitrobenzene-d5	0.37812	0.32502	0.36823	0.39506	0.39769	0.38935			
	0.38405	0.42896	0.41808				0.38717	7.744	
$ 155 2-Fluorobiphenyl	1.26834	1.19945	1.25040	1.30038	1.32369	1.30645			
	1.29845	1.46206	1.41078				1.31333	6.086	
$ 156 Terphenyl-d14	0.94046	0.79198	0.80156	0.87082	0.88084	0.89318			
	0.87557	1.00665	0.94648				0.88973	7.689	

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 28-DEC-2007 14:32
End Cal Date : 28-DEC-2007 17:09
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\8270P.m
Last Edit : 02-Jan-2008 17:05 ulmanm
Curve Type : Average

Compound	0.05000 Level 1	0.25000 Level 2	0.50000 Level 3	1.000 Level 4	2.500 Level 5	5.000 Level 6	RRF	% RSD	
	7.500 Level 7	10.000 Level 8	12.500 Level 9						
$ 157 Phenol-d5	2.08440	1.90698	2.05330	2.23250	2.23744	2.12601			
	2.21663	2.50330	2.49217				2.20586	8.866	
$ 158 2-Fluorophenol	1.35257	1.29776	1.31387	1.43240	1.45430	1.41042			
	1.40784	1.66121	1.57458				1.43388	8.276	
$ 159 2,4,6-Tribromophenol	+++++	0.10577	0.11470	0.12439	0.12878	0.13061			
	0.13843	0.15515	0.15136				0.13115	12.901	<-
$ 186 2-Chlorophenol-d4	+++++	1.22322	1.24161	1.40183	1.41515	1.38489			
	1.43614	1.62742	1.70051				1.42885	11.635	<-
$ 187 1,2-Dichlorobenzene-d4	+++++	0.82059	0.84159	0.88082	0.89505	0.87708			
	0.87663	0.97801	0.95286				0.89033	5.900	

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4hp7.i
Lab File ID: ICVTCL.D
Analysis Type:
Lab Sample ID: icvtcl
Method: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\8270p.m

Injection Date: 28-DEC-2007 17:29
Init. Cal. Date(s): 28-DEC-2007 28-DEC-2007
Init. Cal. Times: 14:32 17:09
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
9 Pyridine	1.63633	1.67783	1.67783	0.010	-2.53569	50.00000	Averaged
10 N-Nitrosodimethylamine	1.00290	0.98551	0.98551	0.010	1.73327	50.00000	Averaged
11 Ethyl methacrylate	1.28731	1.25108	1.25108	0.010	2.81401	50.00000	Averaged
12 3-Chloropropionitrile	0.89177	0.89147	0.89147	0.010	0.03266	50.00000	Averaged
13 Malononitrile	1.92503	1.90537	1.90537	0.010	1.02114	50.00000	Averaged
209 Benzaldehyde	1.11085	1.03968	1.03968	0.010	6.40684	50.00000	Averaged
21 Aniline	2.60655	2.68870	2.68870	0.010	-3.15161	50.00000	Averaged
22 Phenol	2.27737	2.18748	2.18748	0.010	3.94687	20.00000	Averaged
23 bis(2-Chloroethyl)ether	1.96147	1.80459	1.80459	0.010	7.99836	50.00000	Averaged
24 2-Chlorophenol	1.54821	1.51216	1.51216	0.010	2.32855	50.00000	Averaged
26 1,3-Dichlorobenzene	1.44614	1.41249	1.41249	0.010	2.32691	50.00000	Averaged
27 1,4-Dichlorobenzene	0.97487	0.96758	0.96758	0.010	0.74803	20.00000	Averaged
28 1,2-Dichlorobenzene	1.40461	1.38919	1.38919	0.010	1.09793	50.00000	Averaged
29 Benzyl Alcohol	1.21724	1.18685	1.18685	0.010	2.49668	50.00000	Averaged
30 2-Methylphenol	1.60084	1.58622	1.58622	0.010	0.91332	50.00000	Averaged
31 bis(2-Chloroisopropyl)ether	2.51143	2.41333	2.41333	0.010	3.90624	50.00000	Averaged
37 Acetophenone	2.14800	2.08878	2.08878	0.010	2.75706	50.00000	Averaged
32 N-Nitroso-di-n-propylamine	1.23509	1.19493	1.19493	0.050	3.25168	50.00000	Averaged
192 4-Methylphenol	1.75545	1.74357	1.74357	0.010	0.67646	50.00000	Averaged
34 Hexachloroethane	0.54083	0.53893	0.53893	0.010	0.35161	50.00000	Averaged
35 Nitrobenzene	0.39507	0.38393	0.38393	0.010	2.81843	50.00000	Averaged
41 Isophorone	0.69948	0.68130	0.68130	0.010	2.59898	50.00000	Averaged
42 2-Nitrophenol	0.19164	0.18892	0.18892	0.010	1.42301	20.00000	Averaged
43 2,4-Dimethylphenol	0.37408	0.36774	0.36774	0.010	1.69350	50.00000	Averaged
44 bis(2-Chloroethoxy)methane	0.45568	0.43671	0.43671	0.010	4.16167	50.00000	Averaged
46 2,4-Toluenediamene	5.00000	5.86466	0.14861	0.010	-17.29314	0.000e+000	Quadratic
47 1,3,5-Trichlorobenzene	0.24207	0.23537	0.23537	0.010	2.76986	50.00000	Averaged
48 2,4-Dichlorophenol	0.27018	0.26976	0.26976	0.010	0.15732	20.00000	Averaged
49 Benzoic Acid	10.00000	10.07052	0.25183	0.010	-0.70524	0.000e+000	Quadratic
50 1,2,4-Trichlorobenzene	0.24984	0.24747	0.24747	0.010	0.95006	50.00000	Averaged
51 Naphthalene	1.03525	0.99499	0.99499	0.010	3.88853	50.00000	Averaged
52 4-Chloroaniline	0.42547	0.41690	0.41690	0.010	2.01276	50.00000	Averaged
56 Hexachlorobutadiene	0.10785	0.10622	0.10622	0.010	1.51495	20.00000	Averaged
210 Caprolactam	5.00000	4.93948	0.11533	0.010	1.21037	0.000e+000	Quadratic
57 1,2,3-Trichlorobenzene	0.23241	0.22500	0.22500	0.010	3.18983	50.00000	Averaged
59 4-Chloro-3-Methylphenol	0.31715	0.31352	0.31352	0.010	1.14433	20.00000	Averaged
62 2-Methylnaphthalene	0.57863	0.56025	0.56025	0.010	3.17562	50.00000	Averaged
63 1-Methylnaphthalene	0.63507	0.62061	0.62061	0.010	2.27722	50.00000	Averaged
64 Hexachlorocyclopentadiene	0.26919	0.27175	0.27175	0.050	-0.95149	50.00000	Averaged
66 2,4,6-Trichlorophenol	0.35870	0.35637	0.35637	0.010	0.64925	20.00000	Averaged
67 2,4,5-Trichlorophenol	0.38434	0.37885	0.37885	0.010	1.42817	50.00000	Averaged
211 1,1'-Biphenyl	1.56345	1.46554	1.46554	0.010	6.26230	50.00000	Averaged

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4hp7.i
Lab File ID: ICVTCL.D
Analysis Type:
Lab Sample ID: icvtcl
Method: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\8270p.m

Injection Date: 28-DEC-2007 17:29
Init. Cal. Date(s): 28-DEC-2007 28-DEC-2007
Init. Cal. Times: 14:32 17:09
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
68 1,2,3,5-Tetrachlorobenzene	0.44385	0.42854	0.42854	0.010	3.44946	50.00000	Averaged
70 2-Chloronaphthalene	1.17122	1.13981	1.13981	0.010	2.68170	50.00000	Averaged
73 2-Nitroaniline	0.42212	0.41981	0.41981	0.010	0.54712	50.00000	Averaged
74 1,2,3,4-Tetrachlorobenzene	0.40676	0.38963	0.38963	0.010	4.21327	50.00000	Averaged
76 Dimethylphthalate	1.25912	1.23137	1.23137	0.010	2.20436	50.00000	Averaged
78 2,6-Dinitrotoluene	0.28161	0.28750	0.28750	0.010	-2.09143	50.00000	Averaged
79 Acenaphthylene	2.00642	1.96831	1.96831	0.010	1.89924	50.00000	Averaged
80 1,2-Dinitrobenzene	0.14850	0.15271	0.15271	0.010	-2.83784	50.00000	Averaged
81 3-Nitroaniline	5.00000	4.96194	0.36212	0.010	0.76121	0.000e+000	Quadratic
82 Acenaphthene	1.18721	1.13687	1.13687	0.010	4.24019	20.00000	Averaged
83 2,4-Dinitrophenol	10.00000	9.81398	0.19787	0.050	1.86017	0.000e+000	Quadratic
85 4-Nitrophenol	0.16352	0.16471	0.16471	0.050	-0.72264	50.00000	Averaged
86 Dibenzofuran	1.64156	1.57942	1.57942	0.010	3.78568	50.00000	Averaged
87 2,4-Dinitrotoluene	5.00000	5.00997	0.37863	0.010	-0.19949	0.000e+000	Quadratic
91 2,3,5,6-Tetrachlorophenol	5.00000	4.89910	0.27240	0.010	2.01804	0.000e+000	Quadratic
93 Diethylphthalate	1.26990	1.24598	1.24598	0.010	1.88402	50.00000	Averaged
94 Fluorene	1.32414	1.28886	1.28886	0.010	2.66441	50.00000	Averaged
95 4-Chlorophenyl-phenylether	0.53526	0.51902	0.51902	0.010	3.03391	50.00000	Averaged
96 4-Nitroaniline	0.36329	0.37399	0.37399	0.010	-2.94675	50.00000	Averaged
98 4,6-Dinitro-2-methylphenol	5.00000	4.84121	0.14118	0.010	3.17587	0.000e+000	Quadratic
99 N-Nitrosodiphenylamine	0.59324	0.58235	0.58235	0.010	1.83487	20.00000	Averaged
100 1,2-Diphenylhydrazine	1.04729	1.00870	1.00870	0.010	3.68563	50.00000	Averaged
106 4-Bromophenyl-phenylether	0.16689	0.16530	0.16530	0.010	0.95674	50.00000	Averaged
107 Hexachlorobenzene	0.18016	0.17444	0.17444	0.010	3.17373	50.00000	Averaged
212 Atrazine	0.17661	0.18047	0.18047	0.010	-2.18640	50.00000	Averaged
111 Pentachlorophenol	10.00000	9.65759	0.12563	0.010	3.42414	0.000e+000	Quadratic
115 Phenanthrene	1.20664	1.14759	1.14759	0.010	4.89381	50.00000	Averaged
116 Anthracene	1.16659	1.14381	1.14381	0.010	1.95248	50.00000	Averaged
119 Carbazole	1.12625	1.10506	1.10506	0.010	1.88173	50.00000	Averaged
120 Di-n-Butylphthalate	1.36707	1.38975	1.38975	0.010	-1.65900	50.00000	Averaged
123 Fluoranthene	1.09248	1.08227	1.08227	0.010	0.93401	20.00000	Averaged
124 Benzidine	5.00000	4.99140	0.85116	0.010	0.17200	0.000e+000	Quadratic
125 Pyrene	1.49863	1.51534	1.51534	0.010	-1.11508	50.00000	Averaged
131 Butylbenzylphthalate	5.00000	4.96049	0.76790	0.010	0.79014	0.000e+000	Quadratic
133 3,3'-Dimethoxybenzidine	5.00000	5.40659	0.27491	0.010	-8.13180	0.000e+000	Quadratic
135 3,3'-Dichlorobenzidine	0.45225	0.46527	0.46527	0.010	-2.87929	50.00000	Averaged
136 Benzo(a)Anthracene	1.32552	1.29374	1.29374	0.010	2.39739	50.00000	Averaged
137 Chrysene	1.21437	1.18295	1.18295	0.010	2.58738	50.00000	Averaged
138 4,4'-Methylene bis(o-chloro	5.00000	4.77415	0.21569	0.010	4.51693	0.000e+000	Quadratic
139 bis(2-ethylhexyl)Phthalate	1.06403	1.08327	1.08327	0.010	-1.80817	50.00000	Averaged
140 Di-n-octylphthalate	5.00000	4.77885	1.82312	0.010	4.42309	0.000e+000	Quadratic
141 Benzo(b)fluoranthene	1.24007	1.18392	1.18392	0.010	4.52779	50.00000	Averaged

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a4hp7.i
Lab File ID: ICVTCL.D
Analysis Type:
Lab Sample ID: icvtcl
Method: \\cansvr11\dd\chem\MSS\a4hp7.i\71228a.b\8270p.m

Injection Date: 28-DEC-2007 17:29
Init. Cal. Date(s): 28-DEC-2007 28-DEC-2007
Init. Cal. Times: 14:32 17:09
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF5	CCAL RRF5	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
142 Benzo(k)fluoranthene	1.27431	1.27935	1.27935	0.010	-0.39502	50.00000	Averaged
146 Benzo(a)pyrene	1.12792	1.10596	1.10596	0.010	1.94722	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.27946	1.26725	1.26725	0.010	0.95396	50.00000	Averaged
150 Dibenz(a,h)anthracene	1.09094	1.08968	1.08968	0.010	0.11522	50.00000	Averaged
151 Benzo(g,h,i)perylene	1.08342	1.05852	1.05852	0.010	2.29820	50.00000	Averaged
198 1,4-Dioxane	0.60835	0.60213	0.60213	0.010	1.02223	50.00000	Averaged
$ 154 Nitrobenzene-d5	0.38717	0.36167	0.36167	0.010	6.58764	50.00000	Averaged
$ 155 2-Fluorobiphenyl	1.31333	1.29789	1.29789	0.010	1.17597	50.00000	Averaged
$ 156 Terphenyl-d14	0.88973	0.87995	0.87995	0.010	1.09928	50.00000	Averaged
$ 157 Phenol-d5	2.20586	2.16950	2.16950	0.010	1.64820	50.00000	Averaged
$ 158 2-Fluorophenol	1.43388	1.41913	1.41913	0.010	1.02876	50.00000	Averaged
$ 159 2,4,6-Tribromophenol	0.13115	0.13177	0.13177	0.010	-0.46916	50.00000	Averaged
$ 186 2-Chlorophenol-d4	1.42885	1.40014	1.40014	0.010	2.00927	50.00000	Averaged
$ 187 1,2-Dichlorobenzene-d4	0.89033	0.87049	0.87049	0.010	2.22824	50.00000	Averaged
M 195 Cresols, total	3.38881	3.32979	3.32979	0.010	1.74170	50.00000	Averaged
101 Diphenylamine	0.59324	0.58235	0.58235	0.010	1.83487	50.00000	Averaged

SW846 8270C METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KD5PD1AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALCAN

SDG Number: 7L12224

Lab File ID: KD5PD1AA.

Lot Number: A7L120224

Date Analyzed: 12/21/07

Time Analyzed: 11:37

Matrix: WATER

Date Extracted: 12/14/07

GC Column: DB-5.625 ID: .18

Extraction Method: 3520C

Instrument ID: AG2

Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	MW74A-121107	KD05R1CG	KD05R1CG.	12/26/07	22:55
02	RW-01I-121107	KD0811CG	KD0811CG.	12/27/07	17:22
03	CHECK SAMPLE	KD5PD1AC C	KD5PD1AC.	12/21/07	11:55
04	DUPLICATE CHECK	KD5PD1AD L	KD5PD1AD.	12/21/07	12:12
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
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22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7L12224 **Work Order #...:** KD5PD1AA **Matrix.....:** WATER
MB Lot-Sample #: A7L140000-035

Prep Date.....: 12/14/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/21/07 **Prep Batch #...:** 7348035
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
Terphenyl-d14	69	(37 - 119)
Phenol-d5	31	(10 - 110)
2-Fluorophenol	50	(10 - 110)
2,4,6-Tribromophenol	66	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SW846 8270C METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KD9271AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALCAN

SDG Number:7L12224

Lab File ID: KD9271AA.

Lot Number: A7L150155

Date Analyzed: 12/20/07

Time Analyzed: 16:50

Matrix: WATER

Date Extracted:12/17/07

GC Column: DB-5.625 ID: .18

Extraction Method: 3520C

Instrument ID: AG2

Level:(low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	MW74A-121407	KD88H1CG	KD88H1CG.	12/20/07	22:51
02	RW-01I121407	KD88Q1CG	KD88Q1CG.	12/21/07	00:00
03	CHECK SAMPLE	KD9271AC C	KD9271AC.	12/20/07	17:07
04	DUPLICATE CHECK	KD9271AD L	KD9271AD.	12/20/07	17:24
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7L12224 **Work Order #...:** KD9271AA **Matrix.....:** WATER
MB Lot-Sample #: A7L170000-049

Prep Date.....: 12/17/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/20/07 **Prep Batch #...:** 7351049
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(27 - 111)
2-Fluorobiphenyl	72	(28 - 110)
Terphenyl-d14	91	(37 - 119)
Phenol-d5	67	(10 - 110)
2-Fluorophenol	71	(10 - 110)
2,4,6-Tribromophenol	81	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SW846 8270C METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KD8WK1AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALCAN

SDG Number: 7L12224

Lab File ID: KD8WK1AA.

Lot Number: A7L140260

Date Analyzed: 12/27/07

Time Analyzed: 09:58

Matrix: WATER

Date Extracted: 12/16/07

GC Column: DB-5.625 ID: .32

Extraction Method: 3520C

Instrument ID: HP7

Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	MW74A-121207	KD7CM1CG	KD7CM1CG.	12/27/07	16:55
02	RW-01I-121207	KD7EX1CG	KD7EX1CG.	12/29/07	01:45
03	CHECK SAMPLE	KD8WK1AC C	KD8WK1AC.	12/27/07	10:17
04	DUPLICATE CHECK	KD8WK1AD L	KD8WK1AD.	12/27/07	10:36
05					
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COMMENTS:

FORM IV

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7L12224 **Work Order #...:** KD8WK1AA **Matrix.....:** WATER
MB Lot-Sample #: A7L150000-042

Prep Date.....: 12/16/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/27/07 **Prep Batch #...:** 7349042
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	56	(27 - 111)
2-Fluorobiphenyl	50	(28 - 110)
Terphenyl-d14	61	(37 - 119)
Phenol-d5	55	(10 - 110)
2-Fluorophenol	54	(10 - 110)
2,4,6-Tribromophenol	44	(22 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SW846 8270C SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L120224

Extraction: XXI51QL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	MW74A-121107	66	60	71	18	29	66	00
02	RW-01I-121107	86 D	73 D	85 D	22 D	38 D	82 D	00
03	METHOD BLK. KD5PD1AA	70	62	69	31	50	66	00
04	LCS KD5PD1AC	62	51	66	29	47	65	00
05	LCSD KD5PD1AD	65	49	60	30	47	68	00

SURROGATES		QC LIMITS
SRG01	= Nitrobenzene-d5	(27-111)
SRG02	= 2-Fluorobiphenyl	(28-110)
SRG03	= Terphenyl-d14	(37-119)
SRG04	= Phenol-d5	(10-110)
SRG05	= 2-Fluorophenol	(10-110)
SRG06	= 2,4,6-Tribromophenol	(22-120)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8270C SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L140260

Extraction: XXI51QL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	MW74A-121207	69	65	81	65	58	63	00
02	RW-01I-121207	60 D	56 D	72 D	55 D	54 D	62 D	00
03	METHOD BLK. KD8WK1AA	56	50	61	55	54	44	00
04	LCS KD8WK1AC	83	79	92	75	76	79	00
05	LCSD KD8WK1AD	82	78	84	75	74	78	00

SURROGATES		QC LIMITS
SRG01	= Nitrobenzene-d5	(27-111)
SRG02	= 2-Fluorobiphenyl	(28-110)
SRG03	= Terphenyl-d14	(37-119)
SRG04	= Phenol-d5	(10-110)
SRG05	= 2-Fluorophenol	(10-110)
SRG06	= 2,4,6-Tribromophenol	(22-120)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8270C SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L150155

Extraction: XXI51QL01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	SRG05	SRG06	TOT OUT
01	MW74A-121407	64	69	88	60	59	85	00
02	RW-01I121407	75 D	75 D	87 D	65 D	68 D	77 D	00
03	METHOD BLK. KD9271AA	72	72	91	67	71	81	00
04	LCS KD9271AC	76	74	85	65	73	82	00
05	LCSD KD9271AD	70	72	83	65	67	81	00

SURROGATES		QC LIMITS
SRG01	= Nitrobenzene-d5	(27-111)
SRG02	= 2-Fluorobiphenyl	(28-110)
SRG03	= Terphenyl-d14	(37-119)
SRG04	= Phenol-d5	(10-110)
SRG05	= 2-Fluorophenol	(10-110)
SRG06	= 2,4,6-Tribromophenol	(22-120)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8270C CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L140000 WO #: KD5PD1AC

BATCH: 7348035

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,2,4-Trichlorobenzene	20	6.3	32	25 - 110	
Acenaphthene	20	10	52	40 - 110	
2,4-Dinitrotoluene	20	15	74	52 - 123	
Pyrene	20	13	63	55 - 120	
N-Nitrosodi-n-propylamine	20	12	61	37 - 121	
1,4-Dichlorobenzene	20	10	50	19 - 110	
Pentachlorophenol	20	9.5	48	26 - 110	
Phenol	20	6.0	30	14 - 112	
2-Chlorophenol	20	12	58	27 - 110	
4-Chloro-3-methylphenol	20	12	59	39 - 110	
4-Nitrophenol	20	6.9	35	12 - 130	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 11 outside limits

COMMENTS:

FORM III

SW846 8270C CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L140000 WO #: KD5PD1AD

BATCH: 7348035

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,2,4-Trichlorobenzene	20	7.5	37	25- 110	
Acenaphthene	20	11	54	40- 110	
2,4-Dinitrotoluene	20	15	76	52- 123	
Pyrene	20	12	62	55- 120	
N-Nitrosodi-n-propylamine	20	12	62	37- 121	
1,4-Dichlorobenzene	20	12	59	19- 110	
Pentachlorophenol	20	10	52	26- 110	
Phenol	20	5.9	29	14- 112	
2-Chlorophenol	20	12	59	27- 110	
4-Chloro-3-methylphenol	20	12	59	39- 110	
4-Nitrophenol	20	7.1	35	12- 130	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 11 outside limits

COMMENTS:

FORM III

SW846 8270C CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L150000 WO #: KD8WK1AC
BATCH: 7349042

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,2,4-Trichlorobenzene	20	12	59	25- 110	
Acenaphthene	20	17	83	40- 110	
2,4-Dinitrotoluene	20	18	88	52- 123	
Pyrene	20	17	85	55- 120	
N-Nitrosodi-n-propylamine	20	16	80	37- 121	
1,4-Dichlorobenzene	20	17	84	19- 110	
Pentachlorophenol	20	14	68	26- 110	
Phenol	20	14	71	14- 112	
2-Chlorophenol	20	15	74	27- 110	
4-Chloro-3-methylphenol	20	15	76	39- 110	
4-Nitrophenol	20	17	83	12- 130	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 11 outside limits

COMMENTS:

FORM III

SW846 8270C CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L150000 WO #: KD8WK1AD

BATCH: 7349042

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,2,4-Trichlorobenzene	20	11	56	25 - 110	
Acenaphthene	20	16	82	40 - 110	
2,4-Dinitrotoluene	20	17	86	52 - 123	
Pyrene	20	17	83	55 - 120	
N-Nitrosodi-n-propylamine	20	16	81	37 - 121	
1,4-Dichlorobenzene	20	16	80	19 - 110	
Pentachlorophenol	20	14	70	26 - 110	
Phenol	20	14	70	14 - 112	
2-Chlorophenol	20	14	72	27 - 110	
4-Chloro-3-methylphenol	20	15	74	39 - 110	
4-Nitrophenol	20	16	80	12 - 130	

NOTES(S):

* Values outside of QC limits

Spike Recovery: 0 out of 11 outside limits

COMMENTS:

FORM III

SW846 8270C CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L170000 WO #: KD9271AC
BATCH: 7351049

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,2,4-Trichlorobenzene	20	16	82	25 - 110	
Acenaphthene	20	16	79	40 - 110	
2,4-Dinitrotoluene	20	18	91	52 - 123	
Pyrene	20	16	79	55 - 120	
N-Nitrosodi-n-propylamine	20	16	80	37 - 121	
1,4-Dichlorobenzene	20	27	136*	19 - 110	a
Pentachlorophenol	20	14	72	26 - 110	
Phenol	20	15	73	14 - 112	
2-Chlorophenol	20	14	69	27 - 110	
4-Chloro-3-methylphenol	20	15	77	39 - 110	
4-Nitrophenol	20	15	77	12 - 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 1 out of 11 outside limits

COMMENTS:

FORM III

SW846 8270C CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALCAN SDG No: 7L12224

Lot #: A7L170000 WO #: KD9271AD
BATCH: 7351049

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,2,4-Trichlorobenzene	20	16	79	25 - 110	
Acenaphthene	20	16	78	40 - 110	
2,4-Dinitrotoluene	20	19	93	52 - 123	
Pyrene	20	16	80	55 - 120	
N-Nitrosodi-n-propylamine	20	15	77	37 - 121	
1,4-Dichlorobenzene	20	25	123*	19 - 110	a
Pentachlorophenol	20	15	73	26 - 110	
Phenol	20	14	71	14 - 112	
2-Chlorophenol	20	14	72	27 - 110	
4-Chloro-3-methylphenol	20	15	75	39 - 110	
4-Nitrophenol	20	16	78	12 - 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 1 out of 11 outside limits

COMMENTS:

FORM III

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 2SMH1220 Date Analyzed: 12/20/07

Instrument ID: A4AG2 Time Analyzed: 1615

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	276268	3.54	1189295	4.44	664995	5.70
	UPPER LIMIT	552536	4.04	2378590	4.94	1329990	6.20
	LOWER LIMIT	138134	3.04	594648	3.94	332498	5.20
	EPA SAMPLE NO.						
01	KD927BLK	250971	3.54	1090266	4.44	611667	5.70
02	KD927CHK	278797	3.54	1218284	4.44	692246	5.70
03	KD927CKDUP	282477	3.54	1244501	4.44	687064	5.70
04	MW74A-121407	299597	3.54	1298337	4.44	702686	5.70
05	RW-01I121407	319115	3.54	1348012	4.44	703407	5.70
06							
07							
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22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

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8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 2SMH1220 Date Analyzed: 12/20/07

Instrument ID: A4AG2 Time Analyzed: 1615

	EPA SAMPLE NO.	IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	1212878	6.79	1221237	8.74	1221281	10.16
	UPPER LIMIT	2425756	7.29	2442474	9.24	2442562	10.66
	LOWER LIMIT	606439	6.29	610619	8.24	610641	9.66
01	KD927BLK	1142450	6.79	1158552	8.74	1195408	10.16
02	KD927CHK	1248151	6.79	1233042	8.75	1252721	10.17
03	KD927CKDUP	1270039	6.79	1260883	8.75	1282232	10.17
04	MW74A-121407	1274518	6.79	1238021	8.75	1236498	10.18
05	RW-01I121407	1219338	6.79	1190610	8.74	1224326	10.17
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22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON ; Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 2SMH1221 Date Analyzed: 12/21/07

Instrument ID: A4AG2 Time Analyzed: 0932

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	303306	3.50	1286239	4.39	677486	5.65
	UPPER LIMIT	606612	4.00	2572478	4.89	1354972	6.15
	LOWER LIMIT	151653	3.00	643120	3.89	338743	5.15
	EPA SAMPLE NO.						
01	KD5PDBLK	280263	3.50	1167388	4.39	621801	5.65
02	KD5PDCHK	270200	3.50	1134468	4.39	601488	5.65
03	KD5PDCKDUP	280463	3.50	1210344	4.39	640633	5.65
04							
05							
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22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 2SMH1221 Date Analyzed: 12/21/07

Instrument ID: A4AG2 Time Analyzed: 0932

		IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
	12 HOUR STD	1163066	6.74	1124040	8.68	1129397	10.06
	UPPER LIMIT	2326132	7.24	2248080	9.18	2258794	10.56
	LOWER LIMIT	581533	6.24	562020	8.18	564699	9.56
	EPA SAMPLE NO.						
01	KD5PDBLK	1059513	6.74	985012	8.68	977343	10.06
02	KD5PDCHK	1050012	6.74	998166	8.68	974917	10.07
03	KD5PDCKDUP	1116319	6.74	1107316	8.69	1070531	10.07
04							
05							
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IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

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8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 2SMH1226 Date Analyzed: 12/26/07

Instrument ID: A4AG2 Time Analyzed: 1811

		IS1(DCB) AREA #	RT	IS2(NPT) AREA #	RT	IS3(ANT) AREA #	RT
	12 HOUR STD	243967	3.65	1009273	4.55	523671	5.82
	UPPER LIMIT	487934	4.15	2018546	5.05	1047342	6.32
	LOWER LIMIT	121984	3.15	504637	4.05	261836	5.32
	EPA SAMPLE NO.						
01	MW74A-121107	298933	3.65	1230828	4.54	654414	5.81
02							
03							
04							
05							
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20							
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22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON | Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 2SMH1226 Date Analyzed: 12/26/07

Instrument ID: A4AG2 Time Analyzed: 1811

	EPA SAMPLE NO.	IS4(PHN) AREA #	RT	IS5(CRY) AREA #	RT	IS6(PRY) AREA #	RT
	12 HOUR STD	905978	6.91	846770	8.89	770455	10.42
	UPPER LIMIT	1811956	7.41	1693540	9.39	1540910	10.92
	LOWER LIMIT	452989	6.41	423385	8.39	385228	9.92
01	MW74A-121107	1155918	6.91	1100429	8.88	1063768	10.42
02							
03							
04							
05							
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20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B

SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 2SMH1227 Date Analyzed: 12/27/07

Instrument ID: A4AG2 Time Analyzed: 1334

		IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
	12 HOUR STD	278992	3.54	1142314	4.44	560631	5.70
	UPPER LIMIT	557984	4.04	2284628	4.94	1121262	6.20
	LOWER LIMIT	139496	3.04	571157	3.94	280316	5.20
	EPA SAMPLE NO.						
01	RW-01I-12110	272353	3.54	1161301	4.43	580563	5.70
02							
03							
04							
05							
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22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

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8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 2SMH1227 Date Analyzed: 12/27/07

Instrument ID: A4AG2 Time Analyzed: 1334

		IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
	12 HOUR STD	948218	6.79	887757	8.76	830501	10.21
	UPPER LIMIT	1896436	7.29	1775514	9.26	1661002	10.71
	LOWER LIMIT	474109	6.29	443879	8.26	415251	9.71
	EPA SAMPLE NO.						
01	RW-01I-12110	1023676	6.79	919611	8.75	875601	10.19
02							
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21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 7SMH1227 Date Analyzed: 12/27/07

Instrument ID: A4HP7 Time Analyzed: 0939

		IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
	12 HOUR STD	217544	3.39	927248	4.28	450858	5.54
	UPPER LIMIT	435088	3.89	1854496	4.78	901716	6.04
	LOWER LIMIT	108772	2.89	463624	3.78	225429	5.04
	EPA SAMPLE NO.						
01	KD8WKBLK	204409	3.39	886955	4.28	434581	5.54
02	KD8WKCHK	195930	3.39	843215	4.28	416330	5.54
03	KD8WKCKDUP	175278	3.39	780346	4.28	381978	5.54
04	MW74A-121207	195857	3.39	881191	4.28	435514	5.54
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 7SMH1227 Date Analyzed: 12/27/07

Instrument ID: A4HP7 Time Analyzed: 0939

		IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
	12 HOUR STD	686439	6.62	552444	8.57	536395	9.91
	UPPER LIMIT	1372878	7.12	1104888	9.07	1072790	10.41
	LOWER LIMIT	343220	6.12	276222	8.07	268198	9.41
	EPA SAMPLE NO.						
01	KD8WKBLK	683896	6.62	528453	8.58	516367	9.91
02	KD8WKCHK	650324	6.62	517147	8.57	498045	9.91
03	KD8WKCKDUP	587713	6.62	479211	8.57	451138	9.91
04	MW74A-121207	710623	6.62	555274	8.57	532371	9.91
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII SV-2 1/87 Rev.

8B
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON | Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 7SMH1228 Date Analyzed: 12/28/07

Instrument ID: A4HP7 Time Analyzed: 1709

		IS1 (DCB) AREA #	RT	IS2 (NPT) AREA #	RT	IS3 (ANT) AREA #	RT
	12 HOUR STD	147686	3.57	657208	4.47	317983	5.73
	UPPER LIMIT	295372	4.07	1314416	4.97	635966	6.23
	LOWER LIMIT	73843	3.07	328604	3.97	158992	5.23
	EPA SAMPLE NO.						
01	RW-01I-12120	187462	3.57	809579	4.47	386738	5.73
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8C
SEMIVOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TESTAMERICA-NORTH CANTON Contract:

Lab Code: TALCAN Case No.: SAS No.: SDG No.: 7L12224

Lab File ID (Standard): 7SMH1228 Date Analyzed: 12/28/07

Instrument ID: A4HP7 Time Analyzed: 1709

		IS4 (PHN) AREA #	RT	IS5 (CRY) AREA #	RT	IS6 (PRY) AREA #	RT
	12 HOUR STD	482999	6.82	386468	8.79	372293	10.29
	UPPER LIMIT	965998	7.32	772936	9.29	744586	10.79
	LOWER LIMIT	241500	6.32	193234	8.29	186147	9.79
	EPA SAMPLE NO.						
01	RW-01I-12120	618586	6.82	483910	8.78	478836	10.27
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

Test America North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: CVAA **Units:** ug/L

Chart Number: hg41219a.prn **Acceptable Range:** 90% - 110%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck2ICV 12/19/2007 7:55 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	2.5	2.47	**98.7**								

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: hg41219a.prn **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck6CCV 12/19/2007 7:58 AM Found	% Rec	Ck6CCV 12/19/2007 8:08 AM Found	% Rec	Ck6CCV 12/19/2007 9:19 AM Found	% Rec	Ck6CCV 12/19/2007 9:34 AM Found	% Rec	Ck6CCV 12/19/2007 9:51 AM Found	% Rec
Mercury	253.7	5.0	5.04	**100.9**	5.10	**102.1**	4.87	**97.4**	4.76	**95.2**	4.78	**95.5**

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: hg41219a.prn **Acceptable Range:** 80% - 120%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck6CCV 12/19/2007 10:07 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	5.0	4.82	**96.4**								

Test America North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 121907a.rep **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	QC Std 1 12/19/2007 9:26 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Antimony	121	25.0	24.61	**98.5**								
Arsenic	75	25.0	24.59	**98.4**								
Barium	135	25.0	24.86	**99.4**								
Beryllium	9	25.0	25.13	**100.5**								
Cadmium	111	25.0	25.25	**101.0**								
Chromium	52	25.0	25.64	**102.5**								
Cobalt	59	25.0	25.34	**101.4**								
Copper	65	25.0	25.05	**100.2**								
Lead	208	25.0	25.49	**102.0**								
Molybdenum	98	25.0	25.54	**102.2**								
Nickel	60	25.0	25.47	**101.9**								
Selenium	82	25.0	25.34	**101.4**								
Silver	107	25.0	25.63	**102.5**								
Thallium	205	25.0	26.52	**106.1**								
Vanadium	51	25.0	24.92	**99.7**								
Zinc	68	25.0	25.27	**101.1**								

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPMS **Units:** ug/L

Chart Number: 121907a.rep **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	QC Std 6 12/19/2007 9:50 AM Found	% Rec	QC Std 6 12/19/2007 12:24 PM Found	% Rec	QC Std 6 12/19/2007 1:19 PM Found	% Rec	QC Std 6 12/19/2007 2:11 PM Found	% Rec	QC Std 6 12/19/2007 3:05 PM Found	% Rec
Antimony	121	50.0	50.86	**101.7**	49.38	**98.8**	48.65	**97.3**	48.73	**97.5**	48.59	**97.2**
Arsenic	75	50.0	49.46	**98.9**	49.10	**98.2**	48.40	**96.8**	48.93	**97.9**	49.21	**98.4**
Barium	135	50.0	51.07	**102.1**	49.51	**99.0**	48.40	**96.8**	48.54	**97.1**	48.82	**97.6**
Beryllium	9	50.0	48.48	**97.0**	50.92	**101.8**	49.13	**98.3**	48.42	**96.8**	47.12	**94.2**
Cadmium	111	50.0	49.47	**98.9**	51.18	**102.4**	49.98	**100.0**	49.46	**98.9**	50.01	**100.0**
Chromium	52	50.0	50.55	**101.1**	48.34	**96.7**	48.19	**96.4**	48.24	**96.5**	47.33	**94.7**
Cobalt	59	50.0	48.14	**96.3**	49.34	**98.7**	49.41	**98.8**	48.31	**96.6**	48.70	**97.4**
Copper	65	50.0	48.63	**97.3**	49.75	**99.5**	49.40	**98.8**	47.51	**95.0**	48.05	**96.1**
Lead	208	50.0	50.02	**100.0**	49.90	**99.8**	50.19	**100.4**	48.78	**97.6**	49.85	**99.7**
Molybdenum	98	50.0	51.91	**103.8**	49.95	**99.9**	48.01	**96.0**	45.93	**91.9**	45.92	**91.8**
Nickel	60	50.0	47.70	**95.4**	49.66	**99.3**	49.00	**98.0**	47.44	**94.9**	47.75	**95.5**
Selenium	82	50.0	49.30	**98.6**	49.25	**98.5**	49.39	**98.8**	51.90	**103.8**	53.90	**107.8**
Silver	107	50.0	49.81	**99.6**	53.70	**107.4**	51.36	**102.7**	49.75	**99.5**	49.73	**99.5**
Thallium	205	50.0	51.95	**103.9**	51.12	**102.2**	51.38	**102.8**	49.02	**98.0**	50.69	**101.4**
Vanadium	51	50.0	50.11	**100.2**	47.81	**95.6**	46.89	**93.8**	46.90	**93.8**	46.77	**93.5**
Zinc	68	50.0	48.62	**97.2**	50.59	**101.2**	49.49	**99.0**	49.68	**99.4**	49.77	**99.5**

Test America North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: CVAA **Units:** ug/L

Chart Number: hg41219a.prn **Acceptable Range:** 50% - 150%

Standard Source: Ultra **Standard ID:**

Element	WL/ Mass	True Conc	Ck4CRA\MRL 12/19/2007 7:57 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	0.2	0.20	**99.1**								

Test America North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: 121907a.rep **Acceptable Range:** 50% - 150%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	QC Std 3 12/19/2007 9:35 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Antimony	121	2.0	1.98	**99.2**								
Arsenic	75	2.0	2.12	**105.9**								
Barium	135	1.0	1.03	**102.6**								
Beryllium	9	1.0	0.93	**92.6**								
Cadmium	111	0.5	0.54	**107.6**								
Chromium	52	2.0	2.34	**116.9**								
Cobalt	59	1.0	1.06	**105.8**								
Copper	65	2.0	2.14	**106.8**								
Lead	208	1.0	1.04	**104.5**								
Molybdenu	98	10.0	10.30	**103.0**								
Nickel	60	2.0	2.18	**109.1**								
Selenium	82	2.0	1.84	**92.1**								
Silver	107	0.5	0.53	**106.8**								
Thallium	205	1.0	1.07	**106.7**								
Vanadium	51	5.0	5.09	**101.9**								
Zinc	68	10.0	9.88	**98.8**								

Test America North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg41219a.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	Ck3ICB 12/19/2007 7:56 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U								

5.21.0

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg41219a.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	Ck5CCB 12/19/2007 8:00 AM		Ck5CCB 12/19/2007 8:09 AM		Ck5CCB 12/19/2007 9:20 AM		Ck5CCB 12/19/2007 9:36 AM		Ck5CCB 12/19/2007 9:52 AM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	**-0.1**	**B**	0.1	U	0.1	U	0.1	U	0.1	U

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: hg41219a.prn

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	Ck5CCB 12/19/2007 10:08 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U								

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 121907a.rep

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	QC Std 2 12/19/2007 9:32 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Antimony	121	2	**0.13**	**B**								
Arsenic	75	5	0.26	U								
Barium	135	1	0.061	U								
Beryllium	9	1	0.033	U								
Cadmium	111	1	0.019	U								
Chromium	52	2	**0.29**	**B**								
Cobalt	59	1	0.022	U								
Copper	65	2	0.056	U								
Lead	208	1	0.065	U								
Molybdenum	98	2	0.58	U								
Nickel	60	2	0.076	U								
Selenium	82	5	1.2	U								
Silver	107	1	**0.012**	**B**								
Thallium	205	1	0.027	U								
Vanadium	51	20	0.27	U								
Zinc	68	20	0.81	U								

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: 121907a.rep

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	QC Std 7 12/19/2007 9:58 AM Found	Q	QC Std 7 12/19/2007 12:32 PM Found	Q	QC Std 7 12/19/2007 1:27 PM Found	Q	QC Std 7 12/19/2007 2:19 PM Found	Q	QC Std 7 12/19/2007 3:13 PM Found	Q
Antimony	121	2	**0.092**	**B**	**0.078**	**B**	**0.081**	**B**	**0.081**	**B**	**0.07**	**B**
Arsenic	75	5	0.26	U	0.26	U	0.26	U	0.26	U	0.26	U
Barium	135	1	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U
Beryllium	9	1	0.033	U	0.033	U	0.033	U	0.033	U	0.033	U
Cadmium	111	1	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U
Chromium	52	2	**0.27**	**B**	**0.31**	**B**	**0.3**	**B**	**0.33**	**B**	**0.29**	**B**
Cobalt	59	1	0.022	U	0.022	U	0.022	U	0.022	U	0.022	U
Copper	65	2	0.056	U	0.056	U	0.056	U	0.056	U	0.056	U
Lead	208	1	0.065	U	0.065	U	0.065	U	0.065	U	0.065	U
Molybdenum	98	2	**0.93**	**B**	0.58	U	0.58	U	0.58	U	0.58	U
Nickel	60	2	0.076	U	0.076	U	0.076	U	0.076	U	0.076	U
Selenium	82	5	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
Silver	107	1	**0.013**	**B**	0.01	U	0.01	U	0.01	U	0.01	U
Thallium	205	1	**0.059**	**B**	0.027	U	0.027	U	0.027	U	0.027	U
Vanadium	51	20	0.27	U	0.27	U	0.27	U	0.27	U	0.27	U
Zinc	68	20	0.81	U	0.81	U	0.81	U	0.81	U	0.81	U

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: KECKWB

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Antimony	121	0.055	2.0	0.055	U	1	ICPMS	12/19/2007	13:03
Arsenic	75	0.26	5.0	0.26	U	1	ICPMS	12/19/2007	13:03
Barium	135	0.061	1.0	0.061	U	1	ICPMS	12/19/2007	13:03
Beryllium	9	0.033	1.0	0.033	U	1	ICPMS	12/19/2007	13:03
Cadmium	111	0.019	1.0	0.019	U	1	ICPMS	12/19/2007	13:03
Chromium	52	0.14	2.0	0.14	U	1	ICPMS	12/19/2007	13:03
Cobalt	59	0.022	1.0	0.022	U	1	ICPMS	12/19/2007	13:03
Copper	**65**	**0.056**	**2.0**	**0.061**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:03**
Lead	208	0.065	1.0	0.065	U	1	ICPMS	12/19/2007	13:03
Molybdenum	98	0.58	2.0	0.58	U	1	ICPMS	12/19/2007	13:03
Nickel	60	0.076	2.0	0.076	U	1	ICPMS	12/19/2007	13:03
Selenium	82	1.2	5.0	1.2	U	1	ICPMS	12/19/2007	13:03
Silver	107	0.010	1.0	0.010	U	1	ICPMS	12/19/2007	13:03
Thallium	**205**	**0.027**	**1.0**	**0.035**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:03**
Vanadium	51	0.27	20.0	0.27	U	1	ICPMS	12/19/2007	13:03
Zinc	**68**	**0.81**	**20.0**	**2.3**	**B**	**1**	**ICPMS**	**12/19/2007**	**13:03**

Comments: Lot #: A7L140260

5.21.0

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Preparation Blank Results

Lab Sample ID: KECKWB

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	IDL	Report Limit	Conc	Q	DF	Instr	Anal Date	Anal Time
Mercury	253.7	0.10	0.20	0.10	U	1	CVAA	12/19/2007	9:33

Comments: Lot #: A7L140260

5.21.0

U Result is less than the IDL

B Result is between IDL and RL

Form 3 Equivalent

Test America North Canton

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPMS **Units:** ug/L

Chart Number: 121907a.rep **Acceptable Range:** 0% - 0%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Reporting Limit	True Conc	QC Std 4 12/19/2007 9:39 AM Found	Found	Found	Found	Found
Antimony	121	2		0.160				
Arsenic	75	5		0.085				
Barium	135	1		0.700				
Beryllium	9	1		0.008				
Cadmium	111	1		0.059				
Chromium	52	2		1				
Cobalt	59	1		0.084				
Copper	65	2		2				
Lead	208	1		0.037				
Molybdenum	98	2		694				
Nickel	60	2		2				
Selenium	82	5		-0.660				
Silver	107	1		0.052				
Thallium	205	1		0.002				
Vanadium	51	20		-0.021				
Zinc	68	20		2				

U Result is less than the IDL

B Result is between IDL and RL

Form 4 Equivalent

Test America North Canton

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPMS **Units:** ug/L

Chart Number: 121907a.rep **Acceptable Range:** 50% - 150%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	QC Std 5 12/19/2007 9:43 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Antimony	121	100	111.5	**111.5**								
Arsenic	75	100	103.0	**103.0**								
Barium	135	100	106.2	**106.2**								
Beryllium	9	100	100.8	**100.8**								
Cadmium	111	100	99.6	**99.6**								
Chromium	52	100	99.9	**99.9**								
Cobalt	59	100	99.5	**99.5**								
Copper	65	100	98.1	**98.1**								
Lead	208	100	98.1	**98.1**								
Molybdenum	98	1000	725.0	**72.5**								
Nickel	60	100	98.6	**98.6**								
Selenium	82	100	108.6	**108.6**								
Silver	107	100	95.5	**95.5**								
Thallium	205	100	98.4	**98.4**								
Vanadium	51	100	98.1	**98.1**								
Zinc	68	100	99.8	**99.8**								

N Spike recovery failed
NC Percent recovery was not calculated
U Result is less than the IDL

Form 4 Equivalent

Test America North Canton

Metals Data Reporting Form

Matrix Spike Sample Results

Spike Sample ID: KD05RS

Original Sample ID: KD05R **Client ID:** MW74A-121107S

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MS Conc	Q	Spike Level	% Rec	OS DF	MS DF	Instr	OS Anal Date	OS Anal Time	MS Anal Date	MS Anal Time
Antimony	121	0.26	B	98.1		100	97.8	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Arsenic	75	0.43	B	102		100	101.4	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Barium	135	39.3		131		100	91.5	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Beryllium	9	2.0		106		100	104.1	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Cadmium	111	0.54	B	103		100	102.9	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Chromium	52	0.20	B	83.3		100	83.1	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Cobalt	59	31.9		120		100	88.4	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Copper	65	6.7		99.2		100	92.6	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Lead	208	0.29	B	94.5		100	94.2	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Molybdenum	98	0.58	U	79.2	N	100	79.2	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Nickel	60	13.2		105		100	91.5	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Selenium	82	1.2	U	115		100	115.3	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Silver	107	0.010	U	93.4		100	93.4	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Thallium	205	0.074	B	93.4		100	93.4	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Vanadium	51	0.27	U	82.8		100	82.8	1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37
Zinc	68	630		723	NC	100		1	1	ICPMS	12/19/2007	13:12	12/19/2007	13:37

Comments: Lot #: A7L120224 Sample #: 1

5.21.0

N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits
E Serial dilution percent difference not within limits
U Result is less than the IDL

Form 5A Equivalent

Test America North Canton

Metals Data Reporting Form

Matrix Spike Sample Results

Spike Sample ID: KD05RS

Original Sample ID: KD05R **Client ID:** MW74A-121107S

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	MS Conc	Q	Spike Level	% Rec	OS DF	MS DF	Instr	OS Anal Date	OS Anal Time	MS Anal Date	MS Anal Time
Mercury	253.7	0.10	U	0.89		1	88.6	1	1	CVAA	12/19/2007	9:38	12/19/2007	9:41

Comments: Lot #: A7L120224 Sample #: 1

5.21.0

N Spike recovery failed
NC Percent recovery was not calculated
* Duplicate analysis RPD was not within limits
E Serial dilution percent difference not within limits
U Result is less than the IDL

Form 5A Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Duplicate RPD Report

Duplicate Sample ID: KD05RX

Original Sample ID: KD05R **Client ID:** MW74A-121107X

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Dupe Conc	Q	% RPD	OS DF	Dupe DF	Instr	OS Anal Date	OS Anal Time	Dupe Anal Date	Dupe Anal Time
Antimony	121	0.26	B	0.055	U	0.2	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Arsenic	75	0.43	B	0.62	B	0.2	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Barium	135	39.3		38.7		1.5	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Beryllium	9	2.0		1.8		0.2	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Cadmium	111	0.54	B	0.50	B	0.0	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Chromium	52	0.20	B	0.14	U	0.1	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Cobalt	59	31.9		31.3		1.7	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Copper	65	6.7		6.5		0.1	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Lead	208	0.29	B	0.28	B	0.0	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Molybdenum	98	0.58	UN	0.58	U		1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Nickel	60	13.2		12.9		2.3	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Selenium	82	1.2	U	1.2	U		1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Silver	107	0.010	U	0.010	U		1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Thallium	205	0.074	B	0.049	B	0.0	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Vanadium	51	0.27	U	0.27	U		1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33
Zinc	68	630		630		0.0	1	1	ICPMS	2/19/200	13:12	12/19/2007	13:33

* Duplicate analysis RPD was not within limits

U Result is less than the IDL

B Result is between IDL and RL

Form 6 Equivalent

Test America North Canton

Metals Data Reporting Form

Sample Duplicate RPD Report

Duplicate Sample ID: KD05RX

Original Sample ID: KD05R **Client ID:** MW74A-121107X

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Dupe Conc	Q	% RPD	OS DF	Dupe DF	Instr	OS Anal Date	OS Anal Time	Dupe Anal Date	Dupe Anal Time
Mercury	253.7	0.10	U	0.10	U		1	1	CVAA	2/19/200	9:38	12/19/2007	9:40

* Duplicate analysis RPD was not within limits

U Result is less than the IDL

B Result is between IDL and RL

Form 6 Equivalent

Test America North Canton

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: KECKWC

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Antimony	121	100	90.5	90.5		57-110	1	ICPMS	12/19/2007	13:07
Arsenic	75	100	103	102.7		86-118	1	ICPMS	12/19/2007	13:07
Barium	135	100	93.9	93.9		83-110	1	ICPMS	12/19/2007	13:07
Beryllium	9	100	106	105.5		84-120	1	ICPMS	12/19/2007	13:07
Cadmium	111	100	105	104.9		89-114	1	ICPMS	12/19/2007	13:07
Chromium	52	100	84.6	84.6		81-110	1	ICPMS	12/19/2007	13:07
Cobalt	59	100	91.5	91.5		82-113	1	ICPMS	12/19/2007	13:07
Copper	65	100	96.9	96.9		82-113	1	ICPMS	12/19/2007	13:07
Lead	208	100	96.5	96.5		84-113	1	ICPMS	12/19/2007	13:07
Molybdenum	98	100	81.2	81.2		62-111	1	ICPMS	12/19/2007	13:07
Nickel	60	100	94.4	94.4		80-111	1	ICPMS	12/19/2007	13:07
Selenium	82	100	113	112.9		90-128	1	ICPMS	12/19/2007	13:07
Silver	107	100	102	102.1		83-111	1	ICPMS	12/19/2007	13:07
Thallium	205	100	94.1	94.1		82-113	1	ICPMS	12/19/2007	13:07
Vanadium	51	100	82.7	82.7		82-110	1	ICPMS	12/19/2007	13:07
Zinc	68	100	117	117.1		90-129	1	ICPMS	12/19/2007	13:07

Comments: Lot #: A7L140260

N Spike recovery failed

NC Percent recovery was not calculated

Test America North Canton

Metals Data Reporting Form

Laboratory Control Sample Results

Lab Sample ID: KECKWC

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026-Hg

Weight: NA **Volume:** 100 **Percent Moisture:** NA

Element	WL/ Mass	Spike Level	Conc	Percent Recovery	Q	Range	DF	Instr	Anal Date	Anal Time
Mercury	253.7	5.0	4.5	89.8		81-123	1	CVAA	2/19/2007	9:37

Comments: Lot #: A7L140260

N Spike recovery failed

NC Percent recovery was not calculated

Test America North Canton

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: KD88QFL

Original Sample ID: KD88QF **Client ID:** RW-01I121407F

Matrix: Water **Units:** ug/L **Prep Date:** 12/18/2007 **Prep Batch:** 7352026

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Antimony	121	0.055	U	0.28	U		1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Arsenic	75	1.0	B	1.3	B		1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Barium	135	106		111		4.3	1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Beryllium	9	2.0		1.8	B	10	1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Cadmium	111	267		271		1.7	1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Chromium	52	1.2	B	1.1	B		1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Cobalt	59	254		296	E	16.5	1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Copper	65	24.0		25.8		7.5	1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Lead	208	0.19	B	0.32	U		1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Molybdenum	98	0.58	UN	2.9	U		1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Nickel	60	82.8		90.3		9.06	1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Selenium	82	2.7	B	6.0	U		1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Silver	107	0.010	U	0.050	U		1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Thallium	205	0.10	B	0.14	U		1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Vanadium	51	2.6	B	1.8	B		1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33
Zinc	68	370		365		1.35	1	5	ICPMS	12/19/2007	14:29	12/19/2007	14:33

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 9 Equivalent

Test America North Canton

Metals Data Reporting Form

Instrument Detection Limits

Instrument: CVAA **Units:** ppb

Element	Wavelength	Reporting Limit	IDL	Date of IDL
Mercury	253.700	0.2	0.10	11/7/2007

Test America North Canton

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICPMS **Units:** ppb

Element	Mass	Reporting Limit	IDL	Date of IDL
Antimony	121	2.0	0.055	12/14/2007
Arsenic	75	5.0	0.26	12/14/2007
Barium	135	1.0	0.061	12/14/2007
Beryllium	9	1.0	0.033	12/14/2007
Cadmium	111	1.0	0.019	12/14/2007
Chromium	52	2.0	0.14	12/14/2007
Cobalt	59	1.0	0.022	12/14/2007
Copper	65	2.0	0.056	12/14/2007
Lead	208	1.0	0.065	12/14/2007
Molybdenum	98	2.0	0.58	12/14/2007
Nickel	60	2.0	0.076	12/14/2007
Selenium	82	5.0	1.2	12/14/2007
Silver	107	1.0	0.010	12/14/2007
Thallium	205	1.0	0.027	12/14/2007
Vanadium	51	20.0	0.27	12/14/2007
Zinc	68	20.0	0.81	12/14/2007

Test America North Canton

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICPMS **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Antimony	121.00	2000	4/26/2007
Arsenic	75.00	5000	4/26/2007
Barium	135.00	5000	4/26/2007
Beryllium	9.00	2500	4/26/2007
Cadmium	111.00	5000	4/26/2007
Chromium	52.00	5000	4/26/2007
Cobalt	59.00	5000	4/26/2007
Copper	65.00	5000	4/26/2007
Lead	208.00	5000	4/26/2007
Molybdenum	98.00	5000	4/26/2007
Nickel	60.00	5000	4/26/2007
Selenium	82.00	5000	4/26/2007
Silver	107.00	2000	4/26/2007
Thallium	205.00	5000	4/26/2007
Vanadium	51.00	5000	4/26/2007
Zinc	68.00	5000	4/26/2007

Batch Number: 7352026

TestAmerica Laboratories, Inc.
Metals Prep Log/ Batch Summary

Prepared By: Lisa McGall (e-Signature)

Prep Date: 12/18/07
Due Date: 12/26/07

Lot	Work Order			ICP Weight	ICPMS Weight	Hg Weight
A7L180000 Water	KECKW	B	Due Date: SDG:		50 mL	100 mL
A7L180000 Water	KECKW	C	Due Date: SDG:		50 mL	100 mL
A7L120224 Water	KD05R Dissolved		Due Date: 12/26/07 SDG: 7L12224		50 mL	100 mL
A7L120224 Water	KD05R Total		Due Date: 12/26/07 SDG: 7L12224		50 mL	100 mL
A7L120224 Water	KD05R Total	S	Due Date: 12/26/07 SDG: 7L12224		50 mL	100 mL
A7L120224 Water	KD05R Total	X	Due Date: 12/26/07 SDG: 7L12224		50 mL	100 mL
A7L120224 Water	KD081 Dissolved		Due Date: 12/26/07 SDG: 7L12224		50 mL	100 mL
A7L120224 Water	KD081 Total		Due Date: 12/26/07 SDG: 7L12224		50 mL	100 mL
A7L140260 Water	KD7CM Dissolved		Due Date: 12/28/07 SDG: 7L12224		50 mL	100 mL
A7L140260 Water	KD7CM Total		Due Date: 12/28/07 SDG: 7L12224		50 mL	100 mL
A7L140260 Water	KD7EX Dissolved		Due Date: 12/28/07 SDG: 7L12224		50 mL	100 mL
A7L140260 Water	KD7EX Total		Due Date: 12/28/07 SDG: 7L12224		50 mL	100 mL
A7L150155 Water	KD88H Dissolved		Due Date: 12/28/07 SDG: 7L12224		50 mL	100 mL
A7L150155 Water	KD88H Total		Due Date: 12/28/07 SDG: 7L12224		50 mL	100 mL
A7L150155 Water	KD88Q Dissolved		Due Date: 12/28/07 SDG: 7L12224		50 mL	100 mL
A7L150155 Water	KD88Q Total		Due Date: 12/28/07 SDG: 7L12224		50 mL	100 mL

LEVEL 2

BLANK AND CHECK STANDARD ON BATCH	X
MS/MSD AND PDS ON BATCH	X
CORRECT SPIKES ADDED	X
SPIKING SOLUTIONS DOCUMENTED ON BATCH LOG	X

Comments:

B-BLANK; C-CHECK SAMPLE; L-CHECK SAMPLE DUPLICATE; P-SERIAL DILUTION; S-MATRIX SPIKE SAMPLE; D-MATRIX SPIKE DUPLICATE SAMPLE

ICPMS ELEMENTS WITHIN THE BATCH:

AG AS BA BE CD CO CR CU MO NI PB SB SE TL VX ZN

Batch Number: **7352026**

TestAmerica Laboratories, Inc.
Metals Prep Log/ Batch Summary

Prepared By:
Lisa McGall
(e-Signature)

Prep Date: 12/18/07
Due Date: 12/26/07

Lot	Work Order		ICP Weight	ICPMS Weight	Hg Weight
Matrix Spike Information:					
KD05R		Hg	ICPMS-1		
Check Sample Information:					
KECKW		Hg	ICPMS-1		

Prep Method(s): SW846 3005A, SW846 7470A

Instrument Upload Run Log - Page 1

Started Thu Dec 20 06:28:54 2007 by LISTM

Data File: UPL$CAN_DATA_ROOT:<LHG>HG41219A.PRN;1

#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
1	WATER		20-DEC-2007				H4
2	STD01REP1	1	19-DEC-2007	07:45:39			H4
3	STD01REP1	1	19-DEC-2007	07:46:53			H4
4	STD02REP1	1	19-DEC-2007	07:48:18			H4
5	STD03REP1	1	19-DEC-2007	07:49:34			H4
6	STD04REP1	1	19-DEC-2007	07:51:09			H4
7	STD05REP1	1	19-DEC-2007	07:52:25			H4
8	STD06REP1	1	19-DEC-2007	07:53:41			H4
9	CK2ICV	1	19-DEC-2007	07:55:05			H4
10	CK3ICB	1	19-DEC-2007	07:56:19			H4
11	CK4CRA\MRL	1	19-DEC-2007	07:57:35			H4
12	CK6CCV	1	19-DEC-2007	07:58:51			H4
13	CK5CCB	1	19-DEC-2007	08:00:04			H4
14	KECLVB	1	19-DEC-2007	08:01:19			H4
15	KECLVC	1	19-DEC-2007	08:03:02			H4
16	KDJ0X	1	19-DEC-2007	08:04:25			H4
17	KDJ0XX	1	19-DEC-2007	08:05:39			H4
18	KDJ0XS	1	19-DEC-2007	08:06:52			H4
19	CK6CCV	1	19-DEC-2007	08:08:07			H4
20	CK5CCB	1	19-DEC-2007	08:09:21			H4
21	CK6CCV	1	19-DEC-2007	09:19:35			H4
22	CK5CCB	1	19-DEC-2007	09:20:51			H4
23	KD39CBT	1	19-DEC-2007	09:22:14	7352029	A7L130000	H4
24	KECK2BT	1	19-DEC-2007	09:23:32	7352029	A7L180000	H4
25	KECK2CT	1	19-DEC-2007	09:24:50	7352029	A7L180000	H4
26	KDQ07T	1	19-DEC-2007	09:26:05	7352029	A7L080105	H4
27	KDQ1CT	1	19-DEC-2007	09:27:22	7352029	A7L080105	H4
28	KDQ1DT	1	19-DEC-2007	09:28:36	7352029	A7L080105	H4
29	KDQ1DTS	1	19-DEC-2007	09:29:52	7352029	A7L080105	H4
30	KDQ1DTD	1	19-DEC-2007	09:31:08	7352029	A7L080105	H4
31	KDQ1KT	1	19-DEC-2007	09:32:21	7352029	A7L080105	H4
32	KECKWB	1	19-DEC-2007	09:33:35	7352026	A7L180000	H4
33	CK6CCV	1	19-DEC-2007	09:34:50			H4
34	CK5CCB	1	19-DEC-2007	09:36:12			H4
35	KECKWC	1	19-DEC-2007	09:37:32	7352026	A7L180000	H4
36	KD05R	1	19-DEC-2007	09:38:51	7352026	7L12224	H4
37	KD05RX	1	19-DEC-2007	09:40:20	7352026	7L12224	H4
38	KD05RS	1	19-DEC-2007	09:41:34	7352026	7L12224	H4
39	KD05RF	1	19-DEC-2007	09:42:49	7352026	7L12224	H4
40	KD081	1	19-DEC-2007	09:44:15	7352026	7L12224	H4
41	KD081F	1	19-DEC-2007	09:45:29	7352026	7L12224	H4
42	KD7CM	1	19-DEC-2007	09:46:56	7352026	7L12224	H4
43	KD7CMF	1	19-DEC-2007	09:48:24	7352026	7L12224	H4
44	KD7EX	1	19-DEC-2007	09:49:38	7352026	7L12224	H4

(continued)

#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
45	CK6CCV	1	19-DEC-2007	09:51:02			H4
46	CK5CCB	1	19-DEC-2007	09:52:19			H4
47	KD7EXF	1	19-DEC-2007	09:53:33	7352026	7L12224	H4
48	KD88H	1	19-DEC-2007	09:54:51	7352026	7L12224	H4
49	KD88HF	1	19-DEC-2007	09:56:17	7352026	7L12224	H4
50	KD88Q	1	19-DEC-2007	09:57:40	7352026	7L12224	H4
51	KD88QF	1	19-DEC-2007	09:58:55	7352026	7L12224	H4
52	KECKNBF	1	19-DEC-2007	10:00:09	7352023	A7L180000	H4
53	KECKNC	1	19-DEC-2007	10:01:33	7352023	A7L180000	H4
54	KD291	1	19-DEC-2007	10:02:53	7352023	7L12171	H4
55	KD291F	1	19-DEC-2007	10:04:13	7352023	7L12171	H4
56	KD29E	1	19-DEC-2007	10:05:32	7352023	7L12171	H4
57	CK6CCV	1	19-DEC-2007	10:07:16			H4
58	CK5CCB	1	19-DEC-2007	10:08:34			H4
59	KD29ES	1	19-DEC-2007	10:09:51	7352023	7L12171	H4
60	KD29ED	1	19-DEC-2007	10:11:06	7352023	7L12171	H4
61	KD29EF	1	19-DEC-2007	10:12:36	7352023	7L12171	H4
62	KD29P	1	19-DEC-2007	10:13:51	7352023	7L12171	H4
63	KD3A1	1	19-DEC-2007	10:15:19	7352023	7L12171	H4
64	KD3A1F	1	19-DEC-2007	10:16:38	7352023	7L12171	H4
65	KD3A7	1	19-DEC-2007	10:17:56	7352023	7L12171	H4
66	KD3A7F	1	19-DEC-2007	10:19:11	7352023	7L12171	H4
67	KD3AA	1	19-DEC-2007	10:20:48	7352023	7L12171	H4
68	KD3AAF	1	19-DEC-2007	10:22:27	7352023	7L12171	H4
69	CK6CCV	1	19-DEC-2007	10:23:41			H4
70	CK5CCB	1	19-DEC-2007	10:24:56			H4
71	KD3AL	1	19-DEC-2007	10:26:10	7352023	7L12171	H4
72	KD3ALF	1	19-DEC-2007	10:27:25	7352023	7L12171	H4
73	KD9L3	1	19-DEC-2007	10:28:51	7352023	A7L150186	H4
74	KD6VM	1	19-DEC-2007	10:30:11	7352023	A7L140206	H4
75	KECKQB	1	19-DEC-2007	10:31:26	7352024	A7L180000	H4
76	KECKQC	1	19-DEC-2007	10:32:41	7352024	A7L180000	H4
77	KDWE5	1	19-DEC-2007	10:34:07	7352024	7L11157	H4
78	KDWF4	1	19-DEC-2007	10:35:23	7352024	7L11157	H4
79	KDWF6	1	19-DEC-2007	10:36:39	7352024	7L11157	H4
80	KDWF7	1	19-DEC-2007	10:38:05	7352024	7L11157	H4
81	CK6CCV	1	19-DEC-2007	10:39:19			H4
82	CK5CCB	1	19-DEC-2007	10:40:43			H4
83	KDWF8	1	19-DEC-2007	10:41:56	7352024	7L11157	H4
84	KDWF8S	1	19-DEC-2007	10:43:14	7352024	7L11157	H4
85	KDWF8D	1	19-DEC-2007	10:44:39	7352024	7L11157	H4
86	KDWGD	1	19-DEC-2007	10:45:58	7352024	7L11157	H4
87	KDWGE	1	19-DEC-2007	10:47:14	7352024	7L11157	H4
88	KD1LH	1	19-DEC-2007	10:48:33	7352024	7L11157	H4

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
89	KD1LT	1	19-DEC-2007	10:49:50	7352024	7L11157	H4
90	KD4G6	1	19-DEC-2007	10:51:15	7352024	7L11157	H4
91	KD4G9	1	19-DEC-2007	10:52:34	7352024	7L11157	H4
92	KD4HA	1	19-DEC-2007	10:53:50	7352024	7L11157	H4
93	CK6CCV	1	19-DEC-2007	10:55:06			H4
94	CK5CCB	1	19-DEC-2007	10:56:22			H4
95	KD4HC	1	19-DEC-2007	10:57:45	7352024	7L11157	H4
96	KD4HE	1	19-DEC-2007	10:59:00	7352024	7L11157	H4
97	KD4HK	1	19-DEC-2007	11:00:18	7352024	7L11157	H4
98	KD624	1	19-DEC-2007	11:01:44	7352024	7L11157	H4
99	KD63J	1	19-DEC-2007	11:03:00	7352024	7L11157	H4
100	KD880	1	19-DEC-2007	11:04:19	7352024	7L11157	H4
101	KD881	1	19-DEC-2007	11:05:35	7352024	7L11157	H4
102	KD88L	1	19-DEC-2007	11:06:50	7352024	7L11157	H4
103	KECKTB	1	19-DEC-2007	11:08:05	7352025	A7L180000	H4
104	KECKTC	1	19-DEC-2007	11:09:23	7352025	A7L180000	H4
105	CK6CCV	1	19-DEC-2007	11:10:49			H4
106	CK5CCB	1	19-DEC-2007	11:12:04			H4
107	KD1JD	1	19-DEC-2007	11:13:38	7352025	7L12148	H4
108	KD1JK	1	19-DEC-2007	11:14:57	7352025	7L12148	H4
109	KD1KK	1	19-DEC-2007	11:16:23	7352025	7L12148	H4
110	KD1KP	1	19-DEC-2007	11:17:59	7352025	7L12148	H4
111	KD4KJ	1	19-DEC-2007	11:19:19	7352025	7L12148	H4
112	KD4KM	1	19-DEC-2007	11:20:44	7352025	7L12148	H4
113	KD66T	1	19-DEC-2007	11:22:14	7352025	7L12148	H4
114	KD7TA	1	19-DEC-2007	11:23:35	7352025	A7L140332	H4
115	KD7TAS	1	19-DEC-2007	11:24:52	7352025	A7L140332	H4
116	KD7TAD	1	19-DEC-2007	11:26:20	7352025	A7L140332	H4
117	CK6CCV	1	19-DEC-2007	11:27:36			H4
118	CK5CCB	1	19-DEC-2007	11:28:53			H4
119	KD7TN	1	19-DEC-2007	11:30:18	7352025	A7L140332	H4
120	KD7TT	1	19-DEC-2007	11:31:34	7352025	A7L140332	H4
121	CK6CCV	1	19-DEC-2007	11:32:51			H4
122	CK5CCB	1	19-DEC-2007	11:34:17			H4
123	CK6CCV	1	19-DEC-2007	12:31:19			H4
124	CK5CCB	1	19-DEC-2007	12:32:38			H4
125	KECKLBF	1	19-DEC-2007	12:34:03	7352022	A7L180000	H4
126	KECKLC	1	19-DEC-2007	12:35:17	7352022	A7L180000	H4
127	KD400	1	19-DEC-2007	12:36:29	7352022	7L13360	H4
128	KD46C	1	19-DEC-2007	12:38:04	7352022	7L13386	H4
129	KD5A2	1	19-DEC-2007	12:39:19	7352022	7L13408	H4
130	KD5A2S	1	19-DEC-2007	12:40:33	7352022	7L13408	H4
131	KD5A2D	1	19-DEC-2007	12:41:49	7352022	7L13408	H4
132	KD5EE	1	19-DEC-2007	12:43:14	7352022	7L10182	H4

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133	KD5V6	1	19-DEC-2007	12:44:52	7352022	7L14106	H4
134	KD5V6F	1	19-DEC-2007	12:46:18	7352022	7L14106	H4
135	CK6CCV	1	19-DEC-2007	12:47:42			H4
136	CK5CCB	1	19-DEC-2007	12:48:56			H4
137	KD5V7	1	19-DEC-2007	12:50:09	7352022	7L14106	H4
138	KD5V7F	1	19-DEC-2007	12:51:26	7352022	7L14106	H4
139	KD5WE	1	19-DEC-2007	12:52:40	7352022	7L14106	H4
140	KD514	1	19-DEC-2007	12:53:56	7352022	7L13324	H4
141	KD517	1	19-DEC-2007	12:55:11	7352022	7L13324	H4
142	KD7XV	1	19-DEC-2007	12:56:24	7352022	A7L140344	H4
143	KD817	1	19-DEC-2007	12:57:39	7352022	A7L150133	H4
144	KD821	1	19-DEC-2007	12:58:54	7352022	A7L150133	H4
145	KD822	1	19-DEC-2007	13:00:09	7352022	A7L150133	H4
146	KD7HQ	1	19-DEC-2007	13:01:24	7352022	7L14273	H4
147	CK6CCV	1	19-DEC-2007	13:02:47			H4
148	CK5CCB	1	19-DEC-2007	13:04:11			H4
149	CK6CCV	1	19-DEC-2007	14:19:41			H4
150	CK5CCB	1	19-DEC-2007	14:21:30			H4
151	KEA0EBE	1	19-DEC-2007	14:22:43	7353026	A7L170000	H4
152	KEEWFBE	1	19-DEC-2007	14:24:06	7353026	A7L190000	H4
153	KEEWFCE	1	19-DEC-2007	14:25:39	7353026	A7L190000	H4
154	KDR8EE	1	19-DEC-2007	14:27:13	7353026	A7L100108	H4
155	KDR8EEX	1	19-DEC-2007	14:28:26	7353026	A7L100108	H4
156	KDR8EES	1	19-DEC-2007	14:29:42	7353026	A7L100108	H4
157	KDR8FE	1	19-DEC-2007	14:31:01	7353026	A7L100108	H4
158	KDR9GE	1	19-DEC-2007	14:32:24	7353026	A7L100108	H4
159	KDR9KE	1	19-DEC-2007	14:33:43	7353026	A7L100108	H4
160	KDR9LE	1	19-DEC-2007	14:34:57	7353026	A7L100108	H4
161	CK6CCV	1	19-DEC-2007	14:36:10			H4
162	CK5CCB	1	19-DEC-2007	14:37:33			H4
163	KDR9NE	1	19-DEC-2007	14:38:48	7353026	A7L100108	H4
164	KDTA2E	1	19-DEC-2007	14:40:13	7353026	A7L100108	H4
165	KDTA3E	1	19-DEC-2007	14:41:26	7353026	A7L100108	H4
166	KDTA9E	1	19-DEC-2007	14:42:49	7353026	A7L100108	H4
167	KDTAAE	1	19-DEC-2007	14:44:26	7353026	A7L100108	H4
168	KDTACE	1	19-DEC-2007	14:45:50	7353026	A7L100108	H4
169	KDTC4E	1	19-DEC-2007	14:47:17	7353026	A7L100108	H4
170	KDTC8E	1	19-DEC-2007	14:48:32	7353026	A7L100108	H4
171	KDTCCE	1	19-DEC-2007	14:50:06	7353026	A7L100108	H4
172	KDTCDE	1	19-DEC-2007	14:51:26	7353026	A7L100108	H4
173	CK6CCV	1	19-DEC-2007	14:52:45			H4
174	CK5CCB	1	19-DEC-2007	14:54:04			H4
175	KDTCGE	1	19-DEC-2007	14:55:19	7353026	A7L100108	H4
176	KDTCME	1	19-DEC-2007	14:56:37	7353026	A7L100108	H4

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
177	KDTCVE	1	19-DEC-2007	14:58:06	7353026	A7L100108	H4
178	KEA0TBE	1	19-DEC-2007	14:59:22	7353025	A7L170000	H4
179	KEEWDBE	1	19-DEC-2007	15:00:35	7353025	A7L190000	H4
180	KEEWDCE	1	19-DEC-2007	15:01:52	7353025	A7L190000	H4
181	KDTCXE	1	19-DEC-2007	15:03:18	7353025	A7L100108	H4
182	KDTCXEX	1	19-DEC-2007	15:04:33	7353025	A7L100108	H4
183	KDTCXES	1	19-DEC-2007	15:05:51	7353025	A7L100108	H4
184	KDTD0E	1	19-DEC-2007	15:07:05	7353025	A7L100108	H4
185	CK6CCV	1	19-DEC-2007	15:08:21			H4
186	CK5CCB	1	19-DEC-2007	15:09:55			H4
187	KDTDAE	1	19-DEC-2007	15:11:09	7353025	A7L100108	H4
188	KDTDGE	1	19-DEC-2007	15:12:39	7353025	A7L100108	H4
189	KDTE3E	1	19-DEC-2007	15:14:03	7353025	A7L100108	H4
190	KDTFDE	1	19-DEC-2007	15:15:19	7353025	A7L100108	H4
191	CK6CCV	1	19-DEC-2007	15:16:35			H4
192	CK5CCB	1	19-DEC-2007	15:17:58			H4
193	CK6CCV	1	19-DEC-2007	15:26:50			H4
194	CK5CCB	1	19-DEC-2007	15:28:54			H4
195	KEA04BT	1	19-DEC-2007	15:30:09	7353021	A7L170000	H4
196	KEEV6BT	1	19-DEC-2007	15:32:01	7353021	A7L190000	H4
197	KEEV6CT	1	19-DEC-2007	15:33:20	7353021	A7L190000	H4
198	KD1TLT	1	19-DEC-2007	15:34:48	7353021	A7L120321	H4
199	KD1TLTS	1	19-DEC-2007	15:36:00	7353021	A7L120321	H4
200	KD1TLTD	1	19-DEC-2007	15:37:19	7353021	A7L120321	H4
201	KD1TXT	1	19-DEC-2007	15:38:37	7353021	A7L120321	H4
202	KD4N0T	1	19-DEC-2007	15:39:52	7353021	A7L130327	H4
203	KD4P0T	1	19-DEC-2007	15:41:31	7353021	A7L130327	H4
204	KD4P3T	1	19-DEC-2007	15:42:46	7353021	A7L130327	H4
205	CK6CCV	1	19-DEC-2007	15:44:01			H4
206	CK5CCB	1	19-DEC-2007	15:45:19			H4
207	KD4P4T	1	19-DEC-2007	15:46:34	7353021	A7L130327	H4
208	KD4P6T	1	19-DEC-2007	15:47:51	7353021	A7L130327	H4
209	KD4P7T	1	19-DEC-2007	15:49:15	7353021	A7L130327	H4
210	KD4P9T	1	19-DEC-2007	15:50:29	7353021	A7L130327	H4
211	KD4QAT	1	19-DEC-2007	15:51:52	7353021	A7L130327	H4
212	KD4QCT	1	19-DEC-2007	15:53:10	7353021	A7L130327	H4
213	KD4QDT	1	19-DEC-2007	15:54:24	7353021	A7L130327	H4
214	KD4QET	1	19-DEC-2007	15:55:40	7353021	A7L130327	H4
215	KD4QFT	1	19-DEC-2007	15:57:18	7353021	A7L130327	H4
216	KD4QGT	1	19-DEC-2007	15:58:42	7353021	A7L130327	H4
217	CK6CCV	1	19-DEC-2007	15:59:58			H4
218	CK5CCB	1	19-DEC-2007	16:01:11			H4
219	KD36PT	1	19-DEC-2007	16:02:25	7353021	A7L130271	H4
220	KEA10BT	1	19-DEC-2007	16:03:43	7353020	A7L170000	H4

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
221	KEEV4BT	1	19-DEC-2007	16:05:00	7353020	A7L190000	H4
222	KEEV4CT	1	19-DEC-2007	16:06:13	7353020	A7L190000	H4
223	KDVD1T	1	19-DEC-2007	16:07:29	7353020	A7L100226	H4
224	KDVD1TS	1	19-DEC-2007	16:08:42	7353020	A7L100226	H4
225	KDVD1TD	1	19-DEC-2007	16:09:58	7353020	A7L100226	H4
226	KDVD9T	1	19-DEC-2007	16:11:13	7353020	A7L100226	H4
227	KDVEDT	1	19-DEC-2007	16:12:39	7353020	A7L100226	H4
228	KDVEFT	1	19-DEC-2007	16:13:56	7353020	A7L100226	H4
229	CK6CCV	1	19-DEC-2007	16:15:09			H4
230	CK5CCB	1	19-DEC-2007	16:16:26			H4
231	KDVEHT	1	19-DEC-2007	16:17:42	7353020	A7L100226	H4
232	KDVEMT	1	19-DEC-2007	16:18:57	7353020	A7L100226	H4
233	KDVENT	1	19-DEC-2007	16:20:24	7353020	A7L100226	H4
234	KDVERT	1	19-DEC-2007	16:21:40	7353020	A7L100226	H4
235	KDVEWT	1	19-DEC-2007	16:22:54	7353020	A7L100226	H4
236	KEAWJBT	1	19-DEC-2007	16:24:10	7353032	A7L170000	H4
237	KEEWRBT	1	19-DEC-2007	16:25:28	7353032	A7L190000	H4
238	KEEWRCT	1	19-DEC-2007	16:26:52	7353032	A7L190000	H4
239	KDXD3T	1	19-DEC-2007	16:28:06	7353032	A7L110281	H4
240	KDXDCT	1	19-DEC-2007	16:29:32	7353032	A7L110281	H4
241	CK6CCV	1	19-DEC-2007	16:30:46			H4
242	CK5CCB	1	19-DEC-2007	16:32:04			H4
243	KD360T	1	19-DEC-2007	16:33:18	7353032	A7L130271	H4
244	KD360TS	1	19-DEC-2007	16:34:33	7353032	A7L130271	H4
245	KD360TD	1	19-DEC-2007	16:35:47	7353032	A7L130271	H4
246	KD365T	1	19-DEC-2007	16:37:03	7353032	A7L130271	H4
247	KD36RT	10	19-DEC-2007	16:38:23	7353032	A7L130271	H4
248	KEEV2B	1	19-DEC-2007	16:39:37	7353019	A7L190000	H4
249	KEEV2C	1	19-DEC-2007	16:41:02	7353019	A7L190000	H4
250	KED5A	1	19-DEC-2007	16:42:19	7353019	A7L180274	H4
251	KED5AS	1	19-DEC-2007	16:43:34	7353019	A7L180274	H4
252	KED5AD	1	19-DEC-2007	16:45:00	7353019	A7L180274	H4
253	CK6CCV	1	19-DEC-2007	16:46:16			H4
254	CK5CCB	1	19-DEC-2007	16:47:50			H4
255	KED5AF	1	19-DEC-2007	16:49:05	7353019	A7L180274	H4
256	KED5AFS	1	19-DEC-2007	16:50:22	7353019	A7L180274	H4
257	KED5AFD	1	19-DEC-2007	16:51:40	7353019	A7L180274	H4
258	KED5W	1	19-DEC-2007	16:52:55	7353019	A7L180274	H4
259	KED5WF	1	19-DEC-2007	16:54:31	7353019	A7L180274	H4
260	KED5X	1	19-DEC-2007	16:56:17	7353019	A7L180274	H4
261	KED5XF	1	19-DEC-2007	16:57:31	7353019	A7L180274	H4
262	KEC26	1	19-DEC-2007	16:58:56	7353019	A7L180139	H4
263	KEC3A	1	19-DEC-2007	17:00:15	7353019	A7L180139	H4
264	KEC3E	1	19-DEC-2007	17:01:50	7353019	A7L180139	H4

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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
265	CK6CCV	1	19-DEC-2007	17:03:15			H4
266	CK5CCB	1	19-DEC-2007	17:04:29			H4
267	KEC8V	1	19-DEC-2007	17:05:55	7353019	A7L180165	H4
268	KEDWL	1	19-DEC-2007	17:07:11	7353019	7L18248	H4
269	KEDWP	1	19-DEC-2007	17:08:26	7353019	7L18248	H4
270	KEDWR	1	19-DEC-2007	17:09:52	7353019	7L18248	H4
271	KEDWT	1	19-DEC-2007	17:11:18	7353019	7L18248	H4
272	KEDWV	1	19-DEC-2007	17:12:37	7353019	7L18248	H4
273	KEDWW	1	19-DEC-2007	17:14:03	7353019	7L18248	H4
274	KEDXL	1	19-DEC-2007	17:15:19	7353019	7L18253	H4
275	KEDXT	1	19-DEC-2007	17:16:35	7353019	7L18253	H4
276	KEEVTB	1	19-DEC-2007	17:17:53	7353016	A7L190000	H4
277	CK6CCV	1	19-DEC-2007	17:19:20			H4
278	CK5CCB	1	19-DEC-2007	17:20:45			H4
279	KEEVTC	1	19-DEC-2007	17:21:59	7353016	A7L190000	H4
280	KD9CG	1	19-DEC-2007	17:23:15	7353016	7L12148	H4
281	KD9CGS	1	19-DEC-2007	17:24:35	7353016	7L12148	H4
282	KD9CGD	1	19-DEC-2007	17:25:53	7353016	7L12148	H4
283	KD9CK	1	19-DEC-2007	17:27:08	7353016	7L12148	H4
284	KD9CM	1	19-DEC-2007	17:28:34	7353016	7L12148	H4
285	KD9CN	1	19-DEC-2007	17:29:49	7353016	7L12148	H4
286	KEEV0B	1	19-DEC-2007	17:31:07	7353018	A7L190000	H4
287	KEEV0C	1	19-DEC-2007	17:32:24	7353018	A7L190000	H4
288	KEDCP	1	19-DEC-2007	17:33:43	7353018	A7L180176	H4
289	CK6CCV	1	19-DEC-2007	17:34:59			H4
290	CK5CCB	1	19-DEC-2007	17:36:23			H4
291	KEDCPS	1	19-DEC-2007	17:37:37	7353018	A7L180176	H4
292	KEDCPD	1	19-DEC-2007	17:39:08	7353018	A7L180176	H4
293	CRA	1	19-DEC-2007	17:40:24			H4
294	CK6CCV	1	19-DEC-2007	17:41:39			H4
295	CK5CCB	1	19-DEC-2007	17:42:56			H4

End of Report

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:       Instrument Upload                                    Run Log - Page  1 :
:       Started Thu Dec 20 06:04:29 2007 by DAVIESB                            :
:       Data File: UPL$CAN_DATA_ROOT:<REP>121907A.REP;1                        :
```

#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
1	BLANK		19-DEC-2007	09:04:57			I7
2	BLANK		19-DEC-2007	09:09:20			I7
3	STANDARD 1		19-DEC-2007	09:13:03			I7
4	STANDARD 2		19-DEC-2007	09:16:47			I7
5	STANDARD 3		19-DEC-2007	09:20:32			I7
6	QC STD 1		19-DEC-2007	09:26:32			I7
7	QC STD 2		19-DEC-2007	09:32:31			I7
8	QC STD 3		19-DEC-2007	09:35:39			I7
9	QC STD 4		19-DEC-2007	09:39:34			I7
10	QC STD 5		19-DEC-2007	09:43:31			I7
11	QC STD 6		19-DEC-2007	09:50:22			I7
12	QC STD 7		19-DEC-2007	09:58:00			I7
13	KD91PB		19-DEC-2007	10:01:08	7351025	A7L170000	I7
14	KD91PC		19-DEC-2007	10:04:46	7351025	A7L170000	I7
15	KD3F0		19-DEC-2007	10:09:54	7351025	7L13172	I7
16	KD467		19-DEC-2007	10:13:33	7351025	A7L130390	I7
17	KD47H		19-DEC-2007	10:17:11	7351025	A7L130390	I7
18	KD1AT		19-DEC-2007	10:20:50	7351025	7L12241	I7
19	KD9CJF		19-DEC-2007	10:24:29	7351025	A7L150166	I7
20	KD9CQF		19-DEC-2007	10:28:10	7351025	A7L150166	I7
21	KD9CTF		19-DEC-2007	10:31:50	7351025	A7L150166	I7
22	QC STD 6		19-DEC-2007	10:38:40			I7
23	QC STD 7		19-DEC-2007	10:46:19			I7
24	KD9CVF		19-DEC-2007	10:49:45	7351025	A7L150166	I7
25	KD9CWF		19-DEC-2007	10:53:26	7351025	A7L150166	I7
26	KD9C0F		19-DEC-2007	10:57:06	7351025	A7L150166	I7
27	KD9C2F		19-DEC-2007	11:00:44	7351025	A7L150166	I7
28	KD9C4F		19-DEC-2007	11:04:23	7351025	A7L150166	I7
29	ZZZZZ		19-DEC-2007	11:08:02			I7
30	KD0XV		19-DEC-2007	11:11:40	7351025	A7L120202	I7
31	KD0XVS		19-DEC-2007	11:15:20	7351025	A7L120202	I7
32	KD0XVD		19-DEC-2007	11:19:00	7351025	A7L120202	I7
33	KD6XG		19-DEC-2007	11:24:11	7351025	A7L140217	I7
34	QC STD 6		19-DEC-2007	11:31:01			I7
35	QC STD 7		19-DEC-2007	11:38:39			I7
36	KD6XGL		19-DEC-2007	11:41:48			I7
37	KECLDB		19-DEC-2007	11:46:59	7352034	A7L180000	I7
38	KECLDC		19-DEC-2007	11:50:41	7352034	A7L180000	I7
39	KD80Q		19-DEC-2007	11:55:53	7352034	A7L150124	I7
40	KD80QS		19-DEC-2007	11:59:33	7352034	A7L150124	I7
41	KD80QD		19-DEC-2007	12:03:11	7352034	A7L150124	I7
42	KD800		19-DEC-2007	12:08:21	7352034	A7L150124	I7
43	KD803		19-DEC-2007	12:12:00	7352034	A7L150124	I7
44	KD803L		19-DEC-2007	12:15:40			I7

---------- (continued) ----------

#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
45	KECLDB		19-DEC-2007	12:20:50	7352034	A7L180000	I7
46	QC STD 6		19-DEC-2007	12:24:29			I7
47	QC STD 7		19-DEC-2007	12:32:07			I7
48	KECLDC	10	19-DEC-2007	12:35:17	7352034	A7L180000	I7
49	KD80Q		19-DEC-2007	12:39:37	7352034	A7L150124	I7
50	KD80QS	10	19-DEC-2007	12:43:18	7352034	A7L150124	I7
51	KD80QD	10	19-DEC-2007	12:47:00	7352034	A7L150124	I7
52	KD800		19-DEC-2007	12:51:21	7352034	A7L150124	I7
53	KD803		19-DEC-2007	12:55:03	7352034	A7L150124	I7
54	KD803L		19-DEC-2007	12:58:44			I7
55	KECKWB		19-DEC-2007	13:03:53	7352026	A7L180000	I7
56	KECKWC		19-DEC-2007	13:07:32	7352026	A7L180000	I7
57	KD05R		19-DEC-2007	13:12:42	7352026	7L12224	I7
58	QC STD 6		19-DEC-2007	13:19:32			I7
59	QC STD 7		19-DEC-2007	13:27:10			I7
60	KD05RF		19-DEC-2007	13:30:19	7352026	7L12224	I7
61	KD05RX		19-DEC-2007	13:33:59	7352026	7L12224	I7
62	KD05RS		19-DEC-2007	13:37:41	7352026	7L12224	I7
63	KD081		19-DEC-2007	13:42:52	7352026	7L12224	I7
64	KD081F		19-DEC-2007	13:46:33	7352026	7L12224	I7
65	KD7CM		19-DEC-2007	13:50:15	7352026	7L12224	I7
66	KD7CMF		19-DEC-2007	13:53:57	7352026	7L12224	I7
67	KD7EX		19-DEC-2007	13:57:39	7352026	7L12224	I7
68	KD7EXF		19-DEC-2007	14:01:20	7352026	7L12224	I7
69	KD88H		19-DEC-2007	14:05:00	7352026	7L12224	I7
70	QC STD 6		19-DEC-2007	14:11:49			I7
71	QC STD 7		19-DEC-2007	14:19:28			I7
72	KD88HF		19-DEC-2007	14:22:36	7352026	7L12224	I7
73	KD88Q		19-DEC-2007	14:26:17	7352026	7L12224	I7
74	KD88QF		19-DEC-2007	14:29:57	7352026	7L12224	I7
75	KD88QFL		19-DEC-2007	14:33:38			I7
76	KECKTB		19-DEC-2007	14:38:49	7352025	A7L180000	I7
77	KECKTC		19-DEC-2007	14:42:31	7352025	A7L180000	I7
78	KD1JD		19-DEC-2007	14:47:42	7352025	7L12148	I7
79	KD1JK		19-DEC-2007	14:51:24	7352025	7L12148	I7
80	KD1KK		19-DEC-2007	14:55:07	7352025	7L12148	I7
81	KD1KP		19-DEC-2007	14:58:50	7352025	7L12148	I7
82	QC STD 6		19-DEC-2007	15:05:41			I7
83	QC STD 7		19-DEC-2007	15:13:19			I7
84	KD4KJ		19-DEC-2007	15:16:28	7352025	7L12148	I7
85	KD4KM		19-DEC-2007	15:20:08	7352025	7L12148	I7
86	KD66T		19-DEC-2007	15:23:49	7352025	7L12148	I7
87	KD66TL		19-DEC-2007	15:27:29			I7
88	KD7TA		19-DEC-2007	15:31:11	7352025	A7L140332	I7

(continued)

Sample MW74A-121107
rep. result for arsenic
0.43 ug/L

Test America-N. Canton Elan 6100 ICPMS

Quantitative Analysis Report

Sample ID: **KD05R**

Sample Date/Time: Wednesday, December 19, 2007 13:12:42
Method File: c:\elandata\Method\analysis.mth
Dataset File: C:\elandata\Dataset\121907A\KD05R.057
Number of Replicates: 2

Concentration Results

	Analyt	Mass	Conc. Mean	Conc. RSD	Meas. Intens. Mean	Sample Unit	Blank Intensity
|>	Li	6			1397331.806	ppb	1593740.204
|-	Be	9	1.956756	8.69	617.02	ppb	0.5
|-	Al	27	373.648546	0.837	972280.123	ppb	6637.617
|>	Sc	45			767679.484	ppb	814659.007
|-	Ti	49	0.834918	1.755	750.027	ppb	347.008
\| | V | 51 | -0.305144 | 42.583 | 601.198 | ppb | 2764.149
\| | Cr | 52 | 0.204272 | 34.962 | 12052.21 | ppb | 10317.328
\| | Cr | 53 | 15.499211 | 24.87 | 22150.572 | ppb | 9857.01
\| | Mn | 55 | 422.019401 | 0.45 | 4320129.835 | ppb | 946.041
\| | Fe | 54 | 17.449764 | 41.684 | 116488.244 | ppb | 106749.489
\| | Fe | 57 | 175.141748 | 1.487 | 42584.301 | ppb | 7957.296
\| | Co | 59 | 31.892866 | 0.937 | 231374.487 | ppb | 103.001
\| | Ni | 60 | 13.167189 | 0.663 | 19259.166 | ppb | 52.001
\| | Ni | 62 | 12.744479 | 1.475 | 2924.329 | ppb | 168.003
\| | Cu | 63 | 6.766161 | 1.125 | 19823.443 | ppb | 288.506
\| | Cu | 65 | 6.670499 | 2.793 | 9279.606 | ppb | 131.502
\| | Zn | 66 | 653.08511 | 1.589 | 458589.387 | ppb | 414.01
\| | Zn | 67 | 547.840485 | 0.817 | 73378.711 | ppb | 1984.158
\| | Zn | 68 | 629.918644 | 1.77 | 322835.739 | ppb | 571.017
\|> | Ge | 72 | | | 862375.749 | ppb | 825747.567
\| | As | 75 | 0.430915 | 3.376 | 977.307 | ppb | 571.744
\| | Se | 77 | 5.113729 | 25.694 | 705.525 | ppb | 320.507
\|- | Se | 82 | 1.130898 | 13.47 | 44.323 | ppb | -59.821
\|- | Mo | 95 | 0.591271 | 0.259 | 1240.066 | ppb | 251.005
\| | Mo | 97 | 0.595061 | 3.148 | 795.53 | ppb | 168.503
\| | Mo | 98 | 0.559887 | 3.051 | 1940.932 | ppb | 422.456
\| | Ag | 107 | 0.004294 | 39.053 | 110.502 | ppb | 92.001
\| | Ag | 109 | 0.006211 | 71.192 | 96.001 | ppb | 69.001
\| | Cd | 110 | -0.060257 | 133.473 | -3707.071 | ppb | -3712.457
\| | Cd | 111 | 0.541545 | 3.445 | 621.133 | ppb | 2.1
\| | Cd | 114 | 0.550754 | 1.8 | 1463.207 | ppb | 8.914
\|> | In | 115 | | | 816792.958 | ppb | 833096.107
\| | Sb | 121 | 0.255703 | 9.678 | 929.04 | ppb | 62.001
\| | Sb | 123 | 0.259339 | 9.179 | 720.462 | ppb | 50.501
\| | Ba | 135 | 39.290448 | 1.622 | 41590.871 | ppb | 22.5
\|- | Ba | 137 | 39.136217 | 1.495 | 71254.974 | ppb | 41.5
\|> | Ho | 165 | | | 1046305.483 | ppb | 1086070.651
\| | Tl | 203 | 0.073876 | 2.825 | 393.009 | ppb | 62.501
\| | Tl | 205 | 0.073795 | 0.141 | 929.54 | ppb | 168.003
\| | Pb | 208 | 0.294879 | 0.351 | 5070.899 | ppb | 796.517
\|- | Bi | 209 | | | 921060.77 | ppb | 1102784.251

QC Calculated Values

	Analyt	Mass	QC Std % Recov	Int Std % Re	Spike % Recovery	Dilution % Diff
|>	Li	6		87.676		
|-	Be	9				
|-	Al	27				
|>	Sc	45		94.233		
|-	Ti	49				
|	V	51				
|	Cr	52				
|	Cr	53				
|	Mn	55				
|	Fe	54				
|	Fe	57				
|	Co	59				
|	Ni	60				
|	Ni	62				
|	Cu	63				
|	Cu	65				
|	Zn	66				
|	Zn	67				
|	Zn	68				
|>	Ge	72		104.436		
|	As	75				
|	Se	77				
|-	Se	82				
|-	Mo	95				
|	Mo	97				
|	Mo	98				
|	Ag	107				
|	Ag	109				
|	Cd	110				
|	Cd	111				
|	Cd	114				
|>	In	115		98.043		
|	Sb	121				
|	Sb	123				
|	Ba	135				
|-	Ba	137				
|>	Ho	165		96.339		
|	Tl	203				
|	Tl	205				
|	Pb	208				
|-	Bi	209				

QC Out Of Limits

Measurement Type	Analyt	Mass	Out of Limits Message

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID: KD7EXF				Seq: 46	09:53:33 19 Dec 07	HG		
Hg	.0545	ppb	.0000	.0545				
*** Sample ID: KD88H				Seq: 47	09:54:51 19 Dec 07	HG		
Hg	.0116	ppb	.0000	.0116				
*** Sample ID: KD88HF				Seq: 48	09:56:17 19 Dec 07	HG		
Hg	.0448	ppb	.0000	.0448				
*** Sample ID: KD88Q				Seq: 49	09:57:40 19 Dec 07	HG		
Hg	.2101	ppb	.0000	.2101	Sample RW-01I121407 Hg rep result 0.21 ug/L			
*** Sample ID: KD88QF				Seq: 50	09:58:55 19 Dec 07	HG		
Hg	.0400	ppb	.0000	.0400				
*** Sample ID: KECKNBF				Seq: 51	10:00:09 19 Dec 07	HG		
Hg	.0200	ppb	.0000	7352023 .0200				
*** Sample ID: KECKNC				Seq: 52	10:01:33 19 Dec 07	HG		
Hg	4.659	ppb	.0000	4.659				
*** Sample ID: KD291				Seq: 53	10:02:53 19 Dec 07	HG		
Hg	-.0402	ppb	.0000	-.0402				
*** Sample ID: KD291F				Seq: 54	10:04:13 19 Dec 07	HG		
Hg	.0249	ppb	.0000	.0249				
*** Sample ID: KD29E				Seq: 55	10:05:32 19 Dec 07	HG		
Hg	.0336	ppb	.0000	.0336				

*** Check Standard: 6 Ck6CCV Seq: 56 10:07:16 19 Dec 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.39	4.820	5.000	ppb	.0000

*** Check Standard: 5 Ck5CCB Seq: 57 10:08:34 19 Dec 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		^^^^^^	-.0209	.0000	ppb	.0000

*** Sample ID: KD29ES				Seq: 58	10:09:51 19 Dec 07	HG		
Hg	.9678	ppb	.0000	.9678				

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 7L12224 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)		Work Order #: KD17A1AA	LCS Lot-Sample#: A7L120000-573		
	101	(97 - 103)	SW846 9040B	12/12/07	7346573
		Dilution Factor: 1			
pH (liquid)		Work Order #: KD93R1AA	LCS Lot-Sample#: A7L140000-558		
	101	(97 - 103)	SW846 9040B	12/14/07	7348558
		Dilution Factor: 1			
pH (liquid)		Work Order #: KD9RK1AA	LCS Lot-Sample#: A7L150000-150		
	102	(97 - 103)	SW846 9040B	12/15/07	7349150
		Dilution Factor: 1			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L120224 **Work Order #...:** KD0L6-SMP KD0L6-DUP **Matrix.....:** WATER

Date Sampled...: 12/10/07 14:07 **Date Received..:** 12/12/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)						SD Lot-Sample #: A7L120171-006		
	13.0	13.0	No Units	0.0	(0-20)	SW846 9040B	12/12/07	7346573

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L120224 **Work Order #...:** KD6Q3-SMP KD6Q3-DUP **Matrix.....:** WATER

Date Sampled...: 12/13/07 14:00 **Date Received..:** 12/14/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)						SD Lot-Sample #: A7L140197-001		
	8.2	8.2	No Units	0.49	(0-20)	SW846 9040B	12/14/07	7348558

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L120224 **Work Order #...:** KD7EX-SMP KD7EX-DUP **Matrix.....:** WG

Date Sampled...: 12/12/07 22:45 **Date Received..:** 12/14/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)						SD Lot-Sample #:	A7L140260-003	
	4.7	4.7	No Units	1.1	(0-20)	SW846 9040B	12/14/07	7348558

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L120224 **Work Order #...:** KD817-SMP KD817-DUP **Matrix.....:** WATER

Date Sampled...: 12/14/07 10:00 **Date Received..:** 12/15/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)						SD Lot-Sample #: A7L150133-001		
	7.8	7.8	No Units	0.0	(0-20)	SW846 9040B	12/15/07	7349150

Dilution Factor: 1

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO : **MIKE MARTIN** **DATE:** **MARCH 4, 2008**

FROM: **THOMAS JACKMAN** **COPIES:** **DV FILE**

SUBJECT:ORGANIC DATA VALIDATION – VOCS/SVOCS/PCBS
MARTIN STATE AIRPORT
SAMPLE DELIVERY GROUP (SDG) – C7K020216

SAMPLES: 17/Aqueous

FMC 3	FMC 5	FMC 7	FMC 9
FMC 10	FMC 11	FMC 12	FMC 13
FMC 16	FMC 18	FMC 20	FMC 22
FMC 24	FMC 25	FMC 26	
TripBlank#1	TripBlank#2		

Overview

This sample set for the Martin State Airport, SDG C7K020216, consists of 15 environmental water samples and 2 trip blanks. The samples were analyzed for Volatile Organic Compounds (VOCs), Semivolatile Organic Compounds (SVOCs), and Polychlorinated Biphenyls(PCBs). No field duplicates were included in this data set.

The samples were collected by Tetra Tech NUS, Inc. on October 30, 31, and November 1, 2007 and analyzed by TestAmerica Laboratories, Inc. The samples were analyzed by SW-846 Methods 8260B, 8270C, and 8082.

Summary

The findings in this report are based upon a general review of all available data including: data completeness, system performance, holding times, GC/MS tuning, initial/continuing calibrations, laboratory method blank contamination, surrogate spike, matrix spike/matrix spike duplicate (MS/MSD) results, Laboratory Control Sample (LCS) results, compound identification, compound quantitation, and detection limits. Areas of concern are listed below; documentation supporting these findings is presented in Appendix C. Qualified analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

Major Problems

- None.

Minor Problems

- The following compounds were detected in trip blanks at the following maximum concentrations.

Compound	Level	Action Level
Acetone	11 µg/L	110 µg/L
Toluene	0.39 µg/L	1.95 µg/L
Chloromethane	0.15 µg/L	0.75 µg/L

  An action level of 10X the maximum blank concentration was used for acetone, a common laboratory contaminant. An action level of 5X the maximum contaminant concentration was used for toluene and chloromethane to evaluate laboratory or field contamination. Dilution factors and sample aliquots were taken into consideration in the application of all action levels, if applicable.

  Positive results for acetone, chloromethane, and toluene below the action level were qualified as false positives, "B".

- The LCS associated with batch 7312657 analyzed on 11/08/07 @22:03 on instrument HP6 had high recoveries for acetone (394%) and 1,2-dibromoethane (124%). Positive results for acetone were qualified as biased high (K) in samples associated with this LCS. No results for 1,2-dibromoethane were because this analyte was not positively detected in any samples. Note that most results for acetone were qualified (B) due to blank contamination, as discussed above.

- Positive results reported below the reporting limit (RL) but above the method detection limit (MDL) for the organic analyses were qualified as estimated (J).

Notes

The continuing calibration had the %D > 25% quality control limit but < 50% quality control limit for 4-nitrophenol on 11/21/07 @01:55 on instrument 733. No validation actions were required because 4-nitrophenol was not positively detected in samples associated with this calibration.

The continuing calibration had the %D > 25% quality control limit but < 50% quality control limit for 4-nitrophenol on 11/22/07 @05:04 on instrument 733. No validation actions were required because 4-nitrophenol was not positively detected in samples associated with this calibration.

The continuing calibration had the %D > 25% quality control limit but < 50% quality control limit for hexachlorocyclopentadiene on 11/26/07 @02:03 on instrument 733. No validation actions were required because hexachlorocyclopentadiene was not positively detected in samples associated with this calibration.

The SVOC matrix spike/matrix spike duplicate recoveries for a number of analytes in the laboratory MS/MSD for batch 7311333 were low. No validation actions were taken because the associated LCS results were acceptable and because the unspiked sample was not one of the environmental samples included in this SDG.

Executive Summary

Laboratory Performance: LCS recoveries for several VOCs were high resulting in the qualification of data. Continuing calibration %Ds for several VOCs exceeded QC limits.

Other Factors Affecting Data Quality: Three VOCs were detected in the trip blanks resulting in the qualification of data.

The data for these analyses were reviewed with reference to the "Region III Modifications to the National Functional Guidelines for Organic Data Review" (9/94). The text of this report has been formulated to address only those problem areas affecting data quality.

Tetra Tech NUS
Thomas Jackman
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

Data Qualifier Key:

B	-	Positive result is considered to be an artifact of blank contamination and should not be considered present.
J	-	Positive result is considered estimated, "J", as a result of technical noncompliances.
K	-	Positive result is considered as biased high, a result of technical noncompliances. Quantitation limit is probably higher.
U	-	Nondetected result.

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$ / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 10	nsample	FMC 10	nsample	FMC 11
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216003	lab_id	C7K020216003	lab_id	C7K020216004
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRÍFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	5	U	
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	0.19	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.35	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	3.2	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.16	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.26	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

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SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 11
samp_date	10/30/2007
lab_id	C7K020216004
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.63	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	0.18	J	P

nsample	FMC 12
samp_date	10/30/2007
lab_id	C7K020216005
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	5	U	
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	0.52	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	FMC 12
samp_date	10/30/2007
lab_id	C7K020216005
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	1.3		
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	0.29	J	P

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SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 13	nsample	FMC 13	nsample	FMC 16
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/31/2007
lab_id	C7K020216006	lab_id	C7K020216006	lab_id	C7K020216007
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	5	U	
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.18	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.5	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	2.2		
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	0.33	J	P

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	3.1	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.14	B	B
CIS-1,2-DICHLOROETHENE	UG/L	1.1		
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

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SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 16	nsample	FMC 18	nsample	FMC 18
samp_date	10/31/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216007	lab_id	C7K020216008	lab_id	C7K020216008
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	3.1		
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	0.73	J	P

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.8	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.14	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.22	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.4	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 20	nsample	FMC 20	nsample	FMC 22
samp_date	10/31/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216009	lab_id	C7K020216009	lab_id	C7K020216010
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	5	U	
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.14	B	B
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.36	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.6	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.15	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.3	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 22
samp_date	10/31/2007
lab_id	C7K020216010
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.45	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

nsample	FMC 24
samp_date	10/30/2007
lab_id	C7K020216001
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.8	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	FMC 24
samp_date	10/30/2007
lab_id	C7K020216001
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.27	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 25
samp_date	11/1/2007
lab_id	C7K020216014
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	3.8	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	FMC 25
samp_date	11/1/2007
lab_id	C7K020216014
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	1	U	
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

nsample	FMC 26
samp_date	11/1/2007
lab_id	C7K020216015
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.7	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.14	B	B
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 26
samp_date	11/1/2007
lab_id	C7K020216015
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	1	U	
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

nsample	FMC 3
samp_date	10/31/2007
lab_id	C7K020216011
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	5.4	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.26	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.25	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	FMC 3
samp_date	10/31/2007
lab_id	C7K020216011
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.53	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 5	nsample	FMC 5	nsample	FMC 7
samp_date	10/31/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216012	lab_id	C7K020216012	lab_id	C7K020216013
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.8	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	0.18	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.5	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	4.6	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.19	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.18	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 7
samp_date	10/31/2007
lab_id	C7K020216013
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.53	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

nsample	FMC 9
samp_date	10/30/2007
lab_id	C7K020216002
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.5	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	0.22	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	FMC 9
samp_date	10/30/2007
lab_id	C7K020216002
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.32	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	0.13	J	P

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	TripBlank#1
samp_date	10/30/2007
lab_id	C7K020216016
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	3.3	J	EP
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	TripBlank#1
samp_date	10/30/2007
lab_id	C7K020216016
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	0.24	J	P
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	1	U	
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

nsample	TripBlank#2
samp_date	10/30/2007
lab_id	C7K020216017
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	11	K	E
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.15	J	P
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

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SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	TripBlank#2
samp_date	10/30/2007
lab_id	C7K020216017
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	0.39	J	P
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	1	U	
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 10DL	nsample	FMC 10DL	nsample	FMC 11DL
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216003	lab_id	C7K020216003	lab_id	C7K020216004
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.21	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.1	U	
2,4-DICHLOROPHENOL	UG/L	0.21	U	
2,4-DIMETHYLPHENOL	UG/L	1.1	U	
2,4-DINITROPHENOL	UG/L	5.3	U	
2,4-DINITROTOLUENE	UG/L	1.1	U	
2,6-DINITROTOLUENE	UG/L	1.1	U	
2-CHLORONAPHTHALENE	UG/L	0.21	U	
2-CHLOROPHENOL	UG/L	1.1	U	
2-METHYLNAPHTHALENE	UG/L	0.21	U	
2-METHYLPHENOL	UG/L	1.1	U	
2-NITROANILINE	UG/L	5.3	U	
2-NITROPHENOL	UG/L	1.1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.1	U	
3-NITROANILINE	UG/L	5.3	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.3	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.1	U	
4-CHLOROANILINE	UG/L	1.1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.1	U	
4-METHYLPHENOL	UG/L	1.1	U	
4-NITROANILINE	UG/L	5.3	U	
4-NITROPHENOL	UG/L	5.3	U	
ACENAPHTHENE	UG/L	0.21	U	
ACENAPHTHYLENE	UG/L	0.21	U	
ACETOPHENONE	UG/L	1.1	U	
ANTHRACENE	UG/L	0.21	U	
ATRAZINE	UG/L	1.1	U	
BENZALDEHYDE	UG/L	1.1	U	
BENZO(A)ANTHRACENE	UG/L	0.21	U	
BENZO(A)PYRENE	UG/L	0.21	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.21	U	
BENZO(G,H,I)PERYLENE	UG/L	0.21	U	
BENZO(K)FLUORANTHENE	UG/L	0.21	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.21	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.13	J	P
BUTYL BENZYL PHTHALATE	UG/L	1.1	U	
CAPROLACTAM	UG/L	1.1	U	
CARBAZOLE	UG/L	0.097	J	P
CHRYSENE	UG/L	0.21	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.21	U	
DIBENZOFURAN	UG/L	0.074	J	P
DIETHYL PHTHALATE	UG/L	1.1	U	
DIMETHYL PHTHALATE	UG/L	1.1	U	
DI-N-BUTYL PHTHALATE	UG/L	1.1	U	
DI-N-OCTYL PHTHALATE	UG/L	1.1	U	
FLUORANTHENE	UG/L	0.21	U	
FLUORENE	UG/L	0.21	U	
HEXACHLOROBENZENE	UG/L	0.21	U	
HEXACHLOROBUTADIENE	UG/L	0.21	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.1	U	
HEXACHLOROETHANE	UG/L	1.1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.21	U	
ISOPHORONE	UG/L	1.1	U	
NAPHTHALENE	UG/L	0.21	U	
NITROBENZENE	UG/L	0.21	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.21	U	
N-NITROSODIPHENYLAMINE	UG/L	0.21	U	
PENTACHLOROPHENOL	UG/L	1.1	U	
PHENANTHRENE	UG/L	0.32		
PHENOL	UG/L	0.21	U	
PYRENE	UG/L	0.21	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.22	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.1	U	
2,4-DICHLOROPHENOL	UG/L	0.22	U	
2,4-DIMETHYLPHENOL	UG/L	1.1	U	
2,4-DINITROPHENOL	UG/L	5.5	U	
2,4-DINITROTOLUENE	UG/L	1.1	U	
2,6-DINITROTOLUENE	UG/L	1.1	U	
2-CHLORONAPHTHALENE	UG/L	0.22	U	
2-CHLOROPHENOL	UG/L	1.1	U	
2-METHYLNAPHTHALENE	UG/L	0.22	U	
2-METHYLPHENOL	UG/L	1.1	U	
2-NITROANILINE	UG/L	5.5	U	
2-NITROPHENOL	UG/L	1.1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.1	U	
3-NITROANILINE	UG/L	5.5	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.5	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.1	U	
4-CHLOROANILINE	UG/L	1.1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.1	U	
4-METHYLPHENOL	UG/L	1.1	U	
4-NITROANILINE	UG/L	5.5	U	
4-NITROPHENOL	UG/L	5.5	U	
ACENAPHTHENE	UG/L	0.22	U	
ACENAPHTHYLENE	UG/L	0.22	U	
ACETOPHENONE	UG/L	1.1	U	
ANTHRACENE	UG/L	0.22	U	
ATRAZINE	UG/L	1.1	U	
BENZALDEHYDE	UG/L	1.1	U	
BENZO(A)ANTHRACENE	UG/L	0.22	U	
BENZO(A)PYRENE	UG/L	0.22	U	

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SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 11DL	nsample	FMC 12DL	nsample	FMC 12DL
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216004	lab_id	C7K020216005	lab_id	C7K020216005
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.22	U	
BENZO(G,H,I)PERYLENE	UG/L	0.22	U	
BENZO(K)FLUORANTHENE	UG/L	0.22	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.22	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	1.1	U	
BUTYL BENZYL PHTHALATE	UG/L	1.1	U	
CAPROLACTAM	UG/L	1.1	U	
CARBAZOLE	UG/L	0.22	U	
CHRYSENE	UG/L	0.22	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.22	U	
DIBENZOFURAN	UG/L	1.1	U	
DIETHYL PHTHALATE	UG/L	1.1	U	
DIMETHYL PHTHALATE	UG/L	1.1	U	
DI-N-BUTYL PHTHALATE	UG/L	1.1	U	
DI-N-OCTYL PHTHALATE	UG/L	1.1	U	
FLUORANTHENE	UG/L	0.22	U	
FLUORENE	UG/L	0.22	U	
HEXACHLOROBENZENE	UG/L	0.22	U	
HEXACHLOROBUTADIENE	UG/L	0.22	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.1	U	
HEXACHLOROETHANE	UG/L	1.1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.22	U	
ISOPHORONE	UG/L	1.1	U	
NAPHTHALENE	UG/L	0.22	U	
NITROBENZENE	UG/L	0.22	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.22	U	
N-NITROSODIPHENYLAMINE	UG/L	0.22	U	
PENTACHLOROPHENOL	UG/L	1.1	U	
PHENANTHRENE	UG/L	0.26		
PHENOL	UG/L	0.22	U	
PYRENE	UG/L	0.22	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.21	U	
2,4,5-TRICHLOROPHENOL	UG/L	1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1	U	
2,4-DICHLOROPHENOL	UG/L	0.21	U	
2,4-DIMETHYLPHENOL	UG/L	1	U	
2,4-DINITROPHENOL	UG/L	5.2	U	
2,4-DINITROTOLUENE	UG/L	1	U	
2,6-DINITROTOLUENE	UG/L	1	U	
2-CHLORONAPHTHALENE	UG/L	0.21	U	
2-CHLOROPHENOL	UG/L	1	U	
2-METHYLNAPHTHALENE	UG/L	0.21	U	
2-METHYLPHENOL	UG/L	1	U	
2-NITROANILINE	UG/L	5.2	U	
2-NITROPHENOL	UG/L	1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1	U	
3-NITROANILINE	UG/L	5.2	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.2	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1	U	
4-CHLOROANILINE	UG/L	1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1	U	
4-METHYLPHENOL	UG/L	1	U	
4-NITROANILINE	UG/L	5.2	U	
4-NITROPHENOL	UG/L	5.2	U	
ACENAPHTHENE	UG/L	0.21	U	
ACENAPHTHYLENE	UG/L	0.21	U	
ACETOPHENONE	UG/L	1	U	
ANTHRACENE	UG/L	0.21	U	
ATRAZINE	UG/L	1	U	
BENZALDEHYDE	UG/L	1	U	
BENZO(A)ANTHRACENE	UG/L	0.21	U	
BENZO(A)PYRENE	UG/L	0.21	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.21	U	
BENZO(G,H,I)PERYLENE	UG/L	0.21	U	
BENZO(K)FLUORANTHENE	UG/L	0.21	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.21	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	1	U	
BUTYL BENZYL PHTHALATE	UG/L	1	U	
CAPROLACTAM	UG/L	1	U	
CARBAZOLE	UG/L	0.11	J	P
CHRYSENE	UG/L	0.21	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.21	U	
DIBENZOFURAN	UG/L	0.16	J	P
DIETHYL PHTHALATE	UG/L	1	U	
DIMETHYL PHTHALATE	UG/L	1	U	
DI-N-BUTYL PHTHALATE	UG/L	1	U	
DI-N-OCTYL PHTHALATE	UG/L	1	U	
FLUORANTHENE	UG/L	0.077	J	P
FLUORENE	UG/L	0.078	J	P
HEXACHLOROBENZENE	UG/L	0.21	U	
HEXACHLOROBUTADIENE	UG/L	0.21	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1	U	
HEXACHLOROETHANE	UG/L	1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.21	U	
ISOPHORONE	UG/L	1	U	
NAPHTHALENE	UG/L	0.21	U	
NITROBENZENE	UG/L	0.21	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.21	U	
N-NITROSODIPHENYLAMINE	UG/L	0.21	U	
PENTACHLOROPHENOL	UG/L	1	U	
PHENANTHRENE	UG/L	0.48		
PHENOL	UG/L	0.21	U	
PYRENE	UG/L	0.21	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 13DL	nsample	FMC 13DL	nsample	FMC 16DL
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/31/2007
lab_id	C7K020216006	lab_id	C7K020216006	lab_id	C7K020216007
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.22	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.1	U	
2,4-DICHLOROPHENOL	UG/L	0.22	U	
2,4-DIMETHYLPHENOL	UG/L	1.1	U	
2,4-DINITROPHENOL	UG/L	5.4	U	
2,4-DINITROTOLUENE	UG/L	1.1	U	
2,6-DINITROTOLUENE	UG/L	1.1	U	
2-CHLORONAPHTHALENE	UG/L	0.22	U	
2-CHLOROPHENOL	UG/L	1.1	U	
2-METHYLNAPHTHALENE	UG/L	0.22	U	
2-METHYLPHENOL	UG/L	1.1	U	
2-NITROANILINE	UG/L	5.4	U	
2-NITROPHENOL	UG/L	1.1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.1	U	
3-NITROANILINE	UG/L	5.4	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.4	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.1	U	
4-CHLOROANILINE	UG/L	1.1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.1	U	
4-METHYLPHENOL	UG/L	1.1	U	
4-NITROANILINE	UG/L	5.4	U	
4-NITROPHENOL	UG/L	5.4	U	
ACENAPHTHENE	UG/L	0.22	U	
ACENAPHTHYLENE	UG/L	0.22	U	
ACETOPHENONE	UG/L	1.1	U	
ANTHRACENE	UG/L	0.22	U	
ATRAZINE	UG/L	1.1	U	
BENZALDEHYDE	UG/L	1.1	U	
BENZO(A)ANTHRACENE	UG/L	0.22	U	
BENZO(A)PYRENE	UG/L	0.22	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.22	U	
BENZO(G,H,I)PERYLENE	UG/L	0.22	U	
BENZO(K)FLUORANTHENE	UG/L	0.22	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.22	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	1.1	U	
BUTYL BENZYL PHTHALATE	UG/L	0.17	J	P
CAPROLACTAM	UG/L	1.1	U	
CARBAZOLE	UG/L	0.19	J	P
CHRYSENE	UG/L	0.22	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.22	U	
DIBENZOFURAN	UG/L	1.1	U	
DIETHYL PHTHALATE	UG/L	1.1	U	
DIMETHYL PHTHALATE	UG/L	1.1	U	
DI-N-BUTYL PHTHALATE	UG/L	1.1	U	
DI-N-OCTYL PHTHALATE	UG/L	1.1	U	
FLUORANTHENE	UG/L	0.08	J	P
FLUORENE	UG/L	0.22	U	
HEXACHLOROBENZENE	UG/L	0.22	U	
HEXACHLOROBUTADIENE	UG/L	0.22	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.1	U	
HEXACHLOROETHANE	UG/L	1.1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.22	U	
ISOPHORONE	UG/L	1.1	U	
NAPHTHALENE	UG/L	0.22	U	
NITROBENZENE	UG/L	0.22	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.22	U	
N-NITROSODIPHENYLAMINE	UG/L	0.22	U	
PENTACHLOROPHENOL	UG/L	1.1	U	
PHENANTHRENE	UG/L	0.42		
PHENOL	UG/L	0.22	U	
PYRENE	UG/L	0.064	J	P

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.22	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.1	U	
2,4-DICHLOROPHENOL	UG/L	0.22	U	
2,4-DIMETHYLPHENOL	UG/L	1.1	U	
2,4-DINITROPHENOL	UG/L	5.4	U	
2,4-DINITROTOLUENE	UG/L	1.1	U	
2,6-DINITROTOLUENE	UG/L	1.1	U	
2-CHLORONAPHTHALENE	UG/L	0.22	U	
2-CHLOROPHENOL	UG/L	1.1	U	
2-METHYLNAPHTHALENE	UG/L	0.22	U	
2-METHYLPHENOL	UG/L	1.1	U	
2-NITROANILINE	UG/L	5.4	U	
2-NITROPHENOL	UG/L	1.1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.1	U	
3-NITROANILINE	UG/L	5.4	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.4	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.1	U	
4-CHLOROANILINE	UG/L	1.1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.1	U	
4-METHYLPHENOL	UG/L	1.1	U	
4-NITROANILINE	UG/L	5.4	U	
4-NITROPHENOL	UG/L	5.4	U	
ACENAPHTHENE	UG/L	0.22	U	
ACENAPHTHYLENE	UG/L	0.22	U	
ACETOPHENONE	UG/L	1.1	U	
ANTHRACENE	UG/L	0.22	U	
ATRAZINE	UG/L	1.1	U	
BENZALDEHYDE	UG/L	1.1	U	
BENZO(A)ANTHRACENE	UG/L	0.22	U	
BENZO(A)PYRENE	UG/L	0.22	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 16DL
samp_date	10/31/2007
lab_id	C7K020216007
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.22	U	
BENZO(G,H,I)PERYLENE	UG/L	0.22	U	
BENZO(K)FLUORANTHENE	UG/L	0.22	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.22	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.16	J	P
BUTYL BENZYL PHTHALATE	UG/L	1.1	U	
CAPROLACTAM	UG/L	1.1	U	
CARBAZOLE	UG/L	0.22	U	
CHRYSENE	UG/L	0.22	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.22	U	
DIBENZOFURAN	UG/L	1.1	U	
DIETHYL PHTHALATE	UG/L	1.1	U	
DIMETHYL PHTHALATE	UG/L	1.1	U	
DI-N-BUTYL PHTHALATE	UG/L	1.1	U	
DI-N-OCTYL PHTHALATE	UG/L	1.1	U	
FLUORANTHENE	UG/L	0.22	U	
FLUORENE	UG/L	0.22	U	
HEXACHLOROBENZENE	UG/L	0.22	U	
HEXACHLOROBUTADIENE	UG/L	0.22	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.1	U	
HEXACHLOROETHANE	UG/L	1.1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.22	U	
ISOPHORONE	UG/L	1.1	U	
NAPHTHALENE	UG/L	0.22	U	
NITROBENZENE	UG/L	0.22	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.22	U	
N-NITROSODIPHENYLAMINE	UG/L	0.22	U	
PENTACHLOROPHENOL	UG/L	1.1	U	
PHENANTHRENE	UG/L	0.22	U	
PHENOL	UG/L	0.22	U	
PYRENE	UG/L	0.22	U	

nsample	FMC 18DL
samp_date	10/31/2007
lab_id	C7K020216008
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.22	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.1	U	
2,4-DICHLOROPHENOL	UG/L	0.22	U	
2,4-DIMETHYLPHENOL	UG/L	1.1	U	
2,4-DINITROPHENOL	UG/L	5.5	U	
2,4-DINITROTOLUENE	UG/L	1.1	U	
2,6-DINITROTOLUENE	UG/L	1.1	U	
2-CHLORONAPHTHALENE	UG/L	0.22	U	
2-CHLOROPHENOL	UG/L	1.1	U	
2-METHYLNAPHTHALENE	UG/L	0.22	U	
2-METHYLPHENOL	UG/L	1.1	U	
2-NITROANILINE	UG/L	5.5	U	
2-NITROPHENOL	UG/L	1.1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.1	U	
3-NITROANILINE	UG/L	5.5	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.5	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.1	U	
4-CHLOROANILINE	UG/L	1.1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.1	U	
4-METHYLPHENOL	UG/L	1.1	U	
4-NITROANILINE	UG/L	5.5	U	
4-NITROPHENOL	UG/L	5.5	U	
ACENAPHTHENE	UG/L	0.22	U	
ACENAPHTHYLENE	UG/L	0.22	U	
ACETOPHENONE	UG/L	1.1	U	
ANTHRACENE	UG/L	0.22	U	
ATRAZINE	UG/L	1.1	U	
BENZALDEHYDE	UG/L	1.1	U	
BENZO(A)ANTHRACENE	UG/L	0.22	U	
BENZO(A)PYRENE	UG/L	0.22	U	

nsample	FMC 18DL
samp_date	10/31/2007
lab_id	C7K020216008
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.22	U	
BENZO(G,H,I)PERYLENE	UG/L	0.22	U	
BENZO(K)FLUORANTHENE	UG/L	0.22	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.22	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	1.1	U	
BUTYL BENZYL PHTHALATE	UG/L	1.1	U	
CAPROLACTAM	UG/L	1.1	U	
CARBAZOLE	UG/L	0.22	U	
CHRYSENE	UG/L	0.22	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.22	U	
DIBENZOFURAN	UG/L	1.1	U	
DIETHYL PHTHALATE	UG/L	1.1	U	
DIMETHYL PHTHALATE	UG/L	1.1	U	
DI-N-BUTYL PHTHALATE	UG/L	1.1	U	
DI-N-OCTYL PHTHALATE	UG/L	1.1	U	
FLUORANTHENE	UG/L	0.22	U	
FLUORENE	UG/L	0.22	U	
HEXACHLOROBENZENE	UG/L	0.22	U	
HEXACHLOROBUTADIENE	UG/L	0.22	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.1	U	
HEXACHLOROETHANE	UG/L	1.1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.22	U	
ISOPHORONE	UG/L	1.1	U	
NAPHTHALENE	UG/L	0.22	U	
NITROBENZENE	UG/L	0.22	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.22	U	
N-NITROSODIPHENYLAMINE	UG/L	0.22	U	
PENTACHLOROPHENOL	UG/L	1.1	U	
PHENANTHRENE	UG/L	0.13	J	P
PHENOL	UG/L	0.22	U	
PYRENE	UG/L	0.22	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 20DL
samp_date	10/31/2007
lab_id	C7K020216009
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.99	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.2	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.99	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.99	U	
2,4-DICHLOROPHENOL	UG/L	0.2	U	
2,4-DIMETHYLPHENOL	UG/L	0.99	U	
2,4-DINITROPHENOL	UG/L	5	U	
2,4-DINITROTOLUENE	UG/L	0.99	U	
2,6-DINITROTOLUENE	UG/L	0.99	U	
2-CHLORONAPHTHALENE	UG/L	0.2	U	
2-CHLOROPHENOL	UG/L	0.99	U	
2-METHYLNAPHTHALENE	UG/L	0.2	U	
2-METHYLPHENOL	UG/L	0.99	U	
2-NITROANILINE	UG/L	5	U	
2-NITROPHENOL	UG/L	0.99	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.99	U	
3-NITROANILINE	UG/L	5	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.99	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.99	U	
4-CHLOROANILINE	UG/L	0.99	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.99	U	
4-METHYLPHENOL	UG/L	0.99	U	
4-NITROANILINE	UG/L	5	U	
4-NITROPHENOL	UG/L	5	U	
ACENAPHTHENE	UG/L	0.2	U	
ACENAPHTHYLENE	UG/L	0.2	U	
ACETOPHENONE	UG/L	0.99	U	
ANTHRACENE	UG/L	0.2	U	
ATRAZINE	UG/L	0.99	U	
BENZALDEHYDE	UG/L	0.99	U	
BENZO(A)ANTHRACENE	UG/L	0.2	U	
BENZO(A)PYRENE	UG/L	0.2	U	

nsample	FMC 20DL
samp_date	10/31/2007
lab_id	C7K020216009
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.2	U	
BENZO(G,H,I)PERYLENE	UG/L	0.2	U	
BENZO(K)FLUORANTHENE	UG/L	0.2	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.99	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.99	U	
BUTYL BENZYL PHTHALATE	UG/L	0.99	U	
CAPROLACTAM	UG/L	0.99	U	
CARBAZOLE	UG/L	0.2	U	
CHRYSENE	UG/L	0.2	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.2	U	
DIBENZOFURAN	UG/L	0.99	U	
DIETHYL PHTHALATE	UG/L	0.99	U	
DIMETHYL PHTHALATE	UG/L	0.99	U	
DI-N-BUTYL PHTHALATE	UG/L	0.99	U	
DI-N-OCTYL PHTHALATE	UG/L	0.99	U	
FLUORANTHENE	UG/L	0.2	U	
FLUORENE	UG/L	0.2	U	
HEXACHLOROBENZENE	UG/L	0.2	U	
HEXACHLOROBUTADIENE	UG/L	0.2	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.99	U	
HEXACHLOROETHANE	UG/L	0.99	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.2	U	
ISOPHORONE	UG/L	0.99	U	
NAPHTHALENE	UG/L	0.2	U	
NITROBENZENE	UG/L	0.2	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.2	U	
N-NITROSODIPHENYLAMINE	UG/L	0.2	U	
PENTACHLOROPHENOL	UG/L	0.99	U	
PHENANTHRENE	UG/L	0.084	J	P
PHENOL	UG/L	0.2	U	
PYRENE	UG/L	0.2	U	

nsample	FMC 22DL
samp_date	10/31/2007
lab_id	C7K020216010
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.96	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.19	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.96	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.96	U	
2,4-DICHLOROPHENOL	UG/L	0.19	U	
2,4-DIMETHYLPHENOL	UG/L	0.96	U	
2,4-DINITROPHENOL	UG/L	4.8	U	
2,4-DINITROTOLUENE	UG/L	0.96	U	
2,6-DINITROTOLUENE	UG/L	0.96	U	
2-CHLORONAPHTHALENE	UG/L	0.19	U	
2-CHLOROPHENOL	UG/L	0.96	U	
2-METHYLNAPHTHALENE	UG/L	0.19	U	
2-METHYLPHENOL	UG/L	0.96	U	
2-NITROANILINE	UG/L	4.8	U	
2-NITROPHENOL	UG/L	0.96	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.96	U	
3-NITROANILINE	UG/L	4.8	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.8	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.96	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.96	U	
4-CHLOROANILINE	UG/L	0.96	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.96	U	
4-METHYLPHENOL	UG/L	0.96	U	
4-NITROANILINE	UG/L	4.8	U	
4-NITROPHENOL	UG/L	4.8	U	
ACENAPHTHENE	UG/L	0.19	U	
ACENAPHTHYLENE	UG/L	0.19	U	
ACETOPHENONE	UG/L	0.96	U	
ANTHRACENE	UG/L	0.19	U	
ATRAZINE	UG/L	0.96	U	
BENZALDEHYDE	UG/L	0.96	U	
BENZO(A)ANTHRACENE	UG/L	0.095	J	P
BENZO(A)PYRENE	UG/L	0.15	J	P

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 22DL	nsample	FMC 24DL	nsample	FMC 24DL
samp_date	10/31/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216010	lab_id	C7K020216001	lab_id	C7K020216001
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.11	J	P
BENZO(G,H,I)PERYLENE	UG/L	0.26		
BENZO(K)FLUORANTHENE	UG/L	0.2		
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.96	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.19	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.96	U	
BUTYL BENZYL PHTHALATE	UG/L	0.96	U	
CAPROLACTAM	UG/L	0.96	U	
CARBAZOLE	UG/L	0.19	U	
CHRYSENE	UG/L	0.16	J	P
DIBENZO(A,H)ANTHRACENE	UG/L	0.27		
DIBENZOFURAN	UG/L	0.96	U	
DIETHYL PHTHALATE	UG/L	0.96	U	
DIMETHYL PHTHALATE	UG/L	0.96	U	
DI-N-BUTYL PHTHALATE	UG/L	0.96	U	
DI-N-OCTYL PHTHALATE	UG/L	0.96	U	
FLUORANTHENE	UG/L	0.19	U	
FLUORENE	UG/L	0.19	U	
HEXACHLOROBENZENE	UG/L	0.19	U	
HEXACHLOROBUTADIENE	UG/L	0.19	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.96	U	
HEXACHLOROETHANE	UG/L	0.96	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.22		
ISOPHORONE	UG/L	0.96	U	
NAPHTHALENE	UG/L	0.19	U	
NITROBENZENE	UG/L	0.19	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.19	U	
N-NITROSODIPHENYLAMINE	UG/L	0.19	U	
PENTACHLOROPHENOL	UG/L	0.96	U	
PHENANTHRENE	UG/L	0.19	U	
PHENOL	UG/L	0.19	U	
PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.2	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.24	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.2	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.2	U	
2,4-DICHLOROPHENOL	UG/L	0.24	U	
2,4-DIMETHYLPHENOL	UG/L	1.2	U	
2,4-DINITROPHENOL	UG/L	6	U	
2,4-DINITROTOLUENE	UG/L	1.2	U	
2,6-DINITROTOLUENE	UG/L	1.2	U	
2-CHLORONAPHTHALENE	UG/L	0.24	U	
2-CHLOROPHENOL	UG/L	1.2	U	
2-METHYLNAPHTHALENE	UG/L	0.24	U	
2-METHYLPHENOL	UG/L	1.2	U	
2-NITROANILINE	UG/L	6	U	
2-NITROPHENOL	UG/L	1.2	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.2	U	
3-NITROANILINE	UG/L	6	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	6	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.2	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.2	U	
4-CHLOROANILINE	UG/L	1.2	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.2	U	
4-METHYLPHENOL	UG/L	1.2	U	
4-NITROANILINE	UG/L	6	U	
4-NITROPHENOL	UG/L	6	U	
ACENAPHTHENE	UG/L	0.24	U	
ACENAPHTHYLENE	UG/L	0.24	U	
ACETOPHENONE	UG/L	1.2	U	
ANTHRACENE	UG/L	0.24	U	
ATRAZINE	UG/L	1.2	U	
BENZALDEHYDE	UG/L	1.2	U	
BENZO(A)ANTHRACENE	UG/L	0.24	U	
BENZO(A)PYRENE	UG/L	0.24	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.24	U	
BENZO(G,H,I)PERYLENE	UG/L	0.24	U	
BENZO(K)FLUORANTHENE	UG/L	0.24	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.2	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.24	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.5	J	P
BUTYL BENZYL PHTHALATE	UG/L	0.37	J	P
CAPROLACTAM	UG/L	1.2	U	
CARBAZOLE	UG/L	0.24	U	
CHRYSENE	UG/L	0.24	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.24	U	
DIBENZOFURAN	UG/L	1.2	U	
DIETHYL PHTHALATE	UG/L	1.2	U	
DIMETHYL PHTHALATE	UG/L	1.2	U	
DI-N-BUTYL PHTHALATE	UG/L	1.2	U	
DI-N-OCTYL PHTHALATE	UG/L	1.2	U	
FLUORANTHENE	UG/L	0.24	U	
FLUORENE	UG/L	0.24	U	
HEXACHLOROBENZENE	UG/L	0.24	U	
HEXACHLOROBUTADIENE	UG/L	0.24	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.2	U	
HEXACHLOROETHANE	UG/L	1.2	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.24	U	
ISOPHORONE	UG/L	1.2	U	
NAPHTHALENE	UG/L	0.24	U	
NITROBENZENE	UG/L	0.24	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.24	U	
N-NITROSODIPHENYLAMINE	UG/L	0.24	U	
PENTACHLOROPHENOL	UG/L	1.2	U	
PHENANTHRENE	UG/L	0.24	U	
PHENOL	UG/L	0.24	U	
PYRENE	UG/L	0.24	U	

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SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 25DL	nsample	FMC 25DL	nsample	FMC 26DL
samp_date	11/1/2007	samp_date	11/1/2007	samp_date	11/1/2007
lab_id	C7K020216014	lab_id	C7K020216014	lab_id	C7K020216015
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.96	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.19	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.96	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.96	U	
2,4-DICHLOROPHENOL	UG/L	0.19	U	
2,4-DIMETHYLPHENOL	UG/L	0.96	U	
2,4-DINITROPHENOL	UG/L	4.8	U	
2,4-DINITROTOLUENE	UG/L	0.96	U	
2,6-DINITROTOLUENE	UG/L	0.96	U	
2-CHLORONAPHTHALENE	UG/L	0.19	U	
2-CHLOROPHENOL	UG/L	0.96	U	
2-METHYLNAPHTHALENE	UG/L	0.19	U	
2-METHYLPHENOL	UG/L	0.96	U	
2-NITROANILINE	UG/L	4.8	U	
2-NITROPHENOL	UG/L	0.96	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.96	U	
3-NITROANILINE	UG/L	4.8	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.8	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.96	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.96	U	
4-CHLOROANILINE	UG/L	0.96	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.96	U	
4-METHYLPHENOL	UG/L	0.96	U	
4-NITROANILINE	UG/L	4.8	U	
4-NITROPHENOL	UG/L	4.8	U	
ACENAPHTHENE	UG/L	0.19	U	
ACENAPHTHYLENE	UG/L	0.19	U	
ACETOPHENONE	UG/L	0.96	U	
ANTHRACENE	UG/L	0.19	U	
ATRAZINE	UG/L	0.96	U	
BENZALDEHYDE	UG/L	0.96	U	
BENZO(A)ANTHRACENE	UG/L	0.19	U	
BENZO(A)PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.19	U	
BENZO(G,H,I)PERYLENE	UG/L	0.19	U	
BENZO(K)FLUORANTHENE	UG/L	0.19	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.96	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.19	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.96	U	
BUTYL BENZYL PHTHALATE	UG/L	0.15	J	P
CAPROLACTAM	UG/L	0.96	U	
CARBAZOLE	UG/L	0.19	U	
CHRYSENE	UG/L	0.19	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.19	U	
DIBENZOFURAN	UG/L	0.96	U	
DIETHYL PHTHALATE	UG/L	0.38	J	P
DIMETHYL PHTHALATE	UG/L	0.96	U	
DI-N-BUTYL PHTHALATE	UG/L	0.96	U	
DI-N-OCTYL PHTHALATE	UG/L	0.96	U	
FLUORANTHENE	UG/L	0.19	U	
FLUORENE	UG/L	0.19	U	
HEXACHLOROBENZENE	UG/L	0.19	U	
HEXACHLOROBUTADIENE	UG/L	0.19	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.96	U	
HEXACHLOROETHANE	UG/L	0.96	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.19	U	
ISOPHORONE	UG/L	0.96	U	
NAPHTHALENE	UG/L	0.19	U	
NITROBENZENE	UG/L	0.19	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.19	U	
N-NITROSODIPHENYLAMINE	UG/L	0.19	U	
PENTACHLOROPHENOL	UG/L	0.96	U	
PHENANTHRENE	UG/L	0.078	J	P
PHENOL	UG/L	0.19	U	
PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.96	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.19	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.96	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.96	U	
2,4-DICHLOROPHENOL	UG/L	0.19	U	
2,4-DIMETHYLPHENOL	UG/L	0.96	U	
2,4-DINITROPHENOL	UG/L	4.8	U	
2,4-DINITROTOLUENE	UG/L	0.96	U	
2,6-DINITROTOLUENE	UG/L	0.96	U	
2-CHLORONAPHTHALENE	UG/L	0.19	U	
2-CHLOROPHENOL	UG/L	0.96	U	
2-METHYLNAPHTHALENE	UG/L	0.19	U	
2-METHYLPHENOL	UG/L	0.96	U	
2-NITROANILINE	UG/L	4.8	U	
2-NITROPHENOL	UG/L	0.96	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.96	U	
3-NITROANILINE	UG/L	4.8	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.8	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.96	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.96	U	
4-CHLOROANILINE	UG/L	0.96	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.96	U	
4-METHYLPHENOL	UG/L	0.96	U	
4-NITROANILINE	UG/L	4.8	U	
4-NITROPHENOL	UG/L	4.8	U	
ACENAPHTHENE	UG/L	0.19	U	
ACENAPHTHYLENE	UG/L	0.19	U	
ACETOPHENONE	UG/L	0.96	U	
ANTHRACENE	UG/L	0.19	U	
ATRAZINE	UG/L	0.96	U	
BENZALDEHYDE	UG/L	0.96	U	
BENZO(A)ANTHRACENE	UG/L	0.19	U	
BENZO(A)PYRENE	UG/L	0.19	U	

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SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 26DL	nsample	FMC 3DL	nsample	FMC 3DL
samp_date	11/1/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216015	lab_id	C7K020216011	lab_id	C7K020216011
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.19	U	
BENZO(G,H,I)PERYLENE	UG/L	0.19	U	
BENZO(K)FLUORANTHENE	UG/L	0.19	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.96	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.19	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.96	U	
BUTYL BENZYL PHTHALATE	UG/L	0.96	U	
CAPROLACTAM	UG/L	0.96	U	
CARBAZOLE	UG/L	0.19	U	
CHRYSENE	UG/L	0.19	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.19	U	
DIBENZOFURAN	UG/L	0.96	U	
DIETHYL PHTHALATE	UG/L	0.96	U	
DIMETHYL PHTHALATE	UG/L	0.96	U	
DI-N-BUTYL PHTHALATE	UG/L	0.96	U	
DI-N-OCTYL PHTHALATE	UG/L	0.96	U	
FLUORANTHENE	UG/L	0.19	U	
FLUORENE	UG/L	0.19	U	
HEXACHLOROBENZENE	UG/L	0.19	U	
HEXACHLOROBUTADIENE	UG/L	0.19	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.96	U	
HEXACHLOROETHANE	UG/L	0.96	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.19	U	
ISOPHORONE	UG/L	0.96	U	
NAPHTHALENE	UG/L	0.19	U	
NITROBENZENE	UG/L	0.19	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.19	U	
N-NITROSODIPHENYLAMINE	UG/L	0.19	U	
PENTACHLOROPHENOL	UG/L	0.96	U	
PHENANTHRENE	UG/L	0.19	U	
PHENOL	UG/L	0.19	U	
PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.98	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.2	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.98	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.98	U	
2,4-DICHLOROPHENOL	UG/L	0.2	U	
2,4-DIMETHYLPHENOL	UG/L	0.98	U	
2,4-DINITROPHENOL	UG/L	4.9	U	
2,4-DINITROTOLUENE	UG/L	0.98	U	
2,6-DINITROTOLUENE	UG/L	0.98	U	
2-CHLORONAPHTHALENE	UG/L	0.2	U	
2-CHLOROPHENOL	UG/L	0.98	U	
2-METHYLNAPHTHALENE	UG/L	0.2	U	
2-METHYLPHENOL	UG/L	0.98	U	
2-NITROANILINE	UG/L	4.9	U	
2-NITROPHENOL	UG/L	0.98	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.98	U	
3-NITROANILINE	UG/L	4.9	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.9	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.98	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.98	U	
4-CHLOROANILINE	UG/L	0.98	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.98	U	
4-METHYLPHENOL	UG/L	0.98	U	
4-NITROANILINE	UG/L	4.9	U	
4-NITROPHENOL	UG/L	4.9	U	
ACENAPHTHENE	UG/L	0.2	U	
ACENAPHTHYLENE	UG/L	0.2	U	
ACETOPHENONE	UG/L	0.98	U	
ANTHRACENE	UG/L	0.2	U	
ATRAZINE	UG/L	0.98	U	
BENZALDEHYDE	UG/L	0.98	U	
BENZO(A)ANTHRACENE	UG/L	0.2	U	
BENZO(A)PYRENE	UG/L	0.2	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.2	U	
BENZO(G,H,I)PERYLENE	UG/L	0.2	U	
BENZO(K)FLUORANTHENE	UG/L	0.2	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.98	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.23	J	P
BUTYL BENZYL PHTHALATE	UG/L	0.98	U	
CAPROLACTAM	UG/L	0.98	U	
CARBAZOLE	UG/L	0.2	U	
CHRYSENE	UG/L	0.2	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.2	U	
DIBENZOFURAN	UG/L	0.98	U	
DIETHYL PHTHALATE	UG/L	0.98	U	
DIMETHYL PHTHALATE	UG/L	0.98	U	
DI-N-BUTYL PHTHALATE	UG/L	0.98	U	
DI-N-OCTYL PHTHALATE	UG/L	0.98	U	
FLUORANTHENE	UG/L	0.2	U	
FLUORENE	UG/L	0.2	U	
HEXACHLOROBENZENE	UG/L	0.2	U	
HEXACHLOROBUTADIENE	UG/L	0.2	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.98	U	
HEXACHLOROETHANE	UG/L	0.98	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.2	U	
ISOPHORONE	UG/L	0.98	U	
NAPHTHALENE	UG/L	0.2	U	
NITROBENZENE	UG/L	0.2	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.2	U	
N-NITROSODIPHENYLAMINE	UG/L	0.2	U	
PENTACHLOROPHENOL	UG/L	0.98	U	
PHENANTHRENE	UG/L	0.069	J	P
PHENOL	UG/L	0.2	U	
PYRENE	UG/L	0.2	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 5DL	nsample	FMC 5DL	nsample	FMC 7DL
samp_date	10/31/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216012	lab_id	C7K020216012	lab_id	C7K020216013
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.96	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.19	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.96	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.96	U	
2,4-DICHLOROPHENOL	UG/L	0.19	U	
2,4-DIMETHYLPHENOL	UG/L	0.96	U	
2,4-DINITROPHENOL	UG/L	4.8	U	
2,4-DINITROTOLUENE	UG/L	0.96	U	
2,6-DINITROTOLUENE	UG/L	0.96	U	
2-CHLORONAPHTHALENE	UG/L	0.19	U	
2-CHLOROPHENOL	UG/L	0.96	U	
2-METHYLNAPHTHALENE	UG/L	0.19	U	
2-METHYLPHENOL	UG/L	0.96	U	
2-NITROANILINE	UG/L	4.8	U	
2-NITROPHENOL	UG/L	0.96	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.96	U	
3-NITROANILINE	UG/L	4.8	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.8	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.96	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.96	U	
4-CHLOROANILINE	UG/L	0.96	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.96	U	
4-METHYLPHENOL	UG/L	0.96	U	
4-NITROANILINE	UG/L	4.8	U	
4-NITROPHENOL	UG/L	4.8	U	
ACENAPHTHENE	UG/L	0.19	U	
ACENAPHTHYLENE	UG/L	0.19	U	
ACETOPHENONE	UG/L	0.96	U	
ANTHRACENE	UG/L	0.19	U	
ATRAZINE	UG/L	0.96	U	
BENZALDEHYDE	UG/L	0.96	U	
BENZO(A)ANTHRACENE	UG/L	0.19	U	
BENZO(A)PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.19	U	
BENZO(G,H,I)PERYLENE	UG/L	0.19	U	
BENZO(K)FLUORANTHENE	UG/L	0.19	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.96	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.19	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.96	U	
BUTYL BENZYL PHTHALATE	UG/L	0.96	U	
CAPROLACTAM	UG/L	0.96	U	
CARBAZOLE	UG/L	0.19	U	
CHRYSENE	UG/L	0.19	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.19	U	
DIBENZOFURAN	UG/L	0.96	U	
DIETHYL PHTHALATE	UG/L	0.96	U	
DIMETHYL PHTHALATE	UG/L	0.96	U	
DI-N-BUTYL PHTHALATE	UG/L	0.96	U	
DI-N-OCTYL PHTHALATE	UG/L	0.96	U	
FLUORANTHENE	UG/L	0.19	U	
FLUORENE	UG/L	0.19	U	
HEXACHLOROBENZENE	UG/L	0.19	U	
HEXACHLOROBUTADIENE	UG/L	0.19	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.96	U	
HEXACHLOROETHANE	UG/L	0.96	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.19	U	
ISOPHORONE	UG/L	0.96	U	
NAPHTHALENE	UG/L	0.19	U	
NITROBENZENE	UG/L	0.19	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.19	U	
N-NITROSODIPHENYLAMINE	UG/L	0.19	U	
PENTACHLOROPHENOL	UG/L	0.96	U	
PHENANTHRENE	UG/L	0.088	J	P
PHENOL	UG/L	0.19	U	
PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.97	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.19	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.97	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.97	U	
2,4-DICHLOROPHENOL	UG/L	0.19	U	
2,4-DIMETHYLPHENOL	UG/L	0.97	U	
2,4-DINITROPHENOL	UG/L	4.8	U	
2,4-DINITROTOLUENE	UG/L	0.97	U	
2,6-DINITROTOLUENE	UG/L	0.97	U	
2-CHLORONAPHTHALENE	UG/L	0.19	U	
2-CHLOROPHENOL	UG/L	0.97	U	
2-METHYLNAPHTHALENE	UG/L	0.19	U	
2-METHYLPHENOL	UG/L	0.97	U	
2-NITROANILINE	UG/L	4.8	U	
2-NITROPHENOL	UG/L	0.97	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.97	U	
3-NITROANILINE	UG/L	4.8	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.8	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.97	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.97	U	
4-CHLOROANILINE	UG/L	0.97	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.97	U	
4-METHYLPHENOL	UG/L	0.97	U	
4-NITROANILINE	UG/L	4.8	U	
4-NITROPHENOL	UG/L	4.8	U	
ACENAPHTHENE	UG/L	0.19	U	
ACENAPHTHYLENE	UG/L	0.19	U	
ACETOPHENONE	UG/L	0.97	U	
ANTHRACENE	UG/L	0.19	U	
ATRAZINE	UG/L	0.97	U	
BENZALDEHYDE	UG/L	0.97	U	
BENZO(A)ANTHRACENE	UG/L	0.19	U	
BENZO(A)PYRENE	UG/L	0.19	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 7DL	nsample	FMC 9DL	nsample	FMC 9DL
samp_date	10/31/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216013	lab_id	C7K020216002	lab_id	C7K020216002
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.19	U	
BENZO(G,H,I)PERYLENE	UG/L	0.19	U	
BENZO(K)FLUORANTHENE	UG/L	0.19	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.97	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.19	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.97	U	
BUTYL BENZYL PHTHALATE	UG/L	0.97	U	
CAPROLACTAM	UG/L	0.97	U	
CARBAZOLE	UG/L	0.19	U	
CHRYSENE	UG/L	0.19	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.19	U	
DIBENZOFURAN	UG/L	0.97	U	
DIETHYL PHTHALATE	UG/L	0.97	U	
DIMETHYL PHTHALATE	UG/L	0.97	U	
DI-N-BUTYL PHTHALATE	UG/L	0.97	U	
DI-N-OCTYL PHTHALATE	UG/L	0.97	U	
FLUORANTHENE	UG/L	0.19	U	
FLUORENE	UG/L	0.19	U	
HEXACHLOROBENZENE	UG/L	0.19	U	
HEXACHLOROBUTADIENE	UG/L	0.19	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.97	U	
HEXACHLOROETHANE	UG/L	0.97	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.19	U	
ISOPHORONE	UG/L	0.97	U	
NAPHTHALENE	UG/L	0.19	U	
NITROBENZENE	UG/L	0.19	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.19	U	
N-NITROSODIPHENYLAMINE	UG/L	0.19	U	
PENTACHLOROPHENOL	UG/L	0.97	U	
PHENANTHRENE	UG/L	0.19	U	
PHENOL	UG/L	0.19	U	
PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.2	U	
2,4,5-TRICHLOROPHENOL	UG/L	1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1	U	
2,4-DICHLOROPHENOL	UG/L	0.2	U	
2,4-DIMETHYLPHENOL	UG/L	1	U	
2,4-DINITROPHENOL	UG/L	5.1	U	
2,4-DINITROTOLUENE	UG/L	1	U	
2,6-DINITROTOLUENE	UG/L	1	U	
2-CHLORONAPHTHALENE	UG/L	0.2	U	
2-CHLOROPHENOL	UG/L	1	U	
2-METHYLNAPHTHALENE	UG/L	0.2	U	
2-METHYLPHENOL	UG/L	1	U	
2-NITROANILINE	UG/L	5.1	U	
2-NITROPHENOL	UG/L	1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1	U	
3-NITROANILINE	UG/L	5.1	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.1	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1	U	
4-CHLOROANILINE	UG/L	1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1	U	
4-METHYLPHENOL	UG/L	1	U	
4-NITROANILINE	UG/L	5.1	U	
4-NITROPHENOL	UG/L	5.1	U	
ACENAPHTHENE	UG/L	0.2	U	
ACENAPHTHYLENE	UG/L	0.2	U	
ACETOPHENONE	UG/L	1	U	
ANTHRACENE	UG/L	0.2	U	
ATRAZINE	UG/L	1	U	
BENZALDEHYDE	UG/L	1	U	
BENZO(A)ANTHRACENE	UG/L	0.2	U	
BENZO(A)PYRENE	UG/L	0.2	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.2	U	
BENZO(G,H,I)PERYLENE	UG/L	0.2	U	
BENZO(K)FLUORANTHENE	UG/L	0.2	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.14	J	P
BUTYL BENZYL PHTHALATE	UG/L	0.2	J	P
CAPROLACTAM	UG/L	1	U	
CARBAZOLE	UG/L	0.2	U	
CHRYSENE	UG/L	0.2	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.2	U	
DIBENZOFURAN	UG/L	1	U	
DIETHYL PHTHALATE	UG/L	1	U	
DIMETHYL PHTHALATE	UG/L	1	U	
DI-N-BUTYL PHTHALATE	UG/L	1	U	
DI-N-OCTYL PHTHALATE	UG/L	1	U	
FLUORANTHENE	UG/L	0.2	U	
FLUORENE	UG/L	0.2	U	
HEXACHLOROBENZENE	UG/L	0.2	U	
HEXACHLOROBUTADIENE	UG/L	0.2	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1	U	
HEXACHLOROETHANE	UG/L	1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.2	U	
ISOPHORONE	UG/L	1	U	
NAPHTHALENE	UG/L	0.2	U	
NITROBENZENE	UG/L	0.2	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.2	U	
N-NITROSODIPHENYLAMINE	UG/L	0.2	U	
PENTACHLOROPHENOL	UG/L	1	U	
PHENANTHRENE	UG/L	0.2	U	
PHENOL	UG/L	0.2	U	
PYRENE	UG/L	0.2	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	FMC 10DL	nsample	FMC 11DL	nsample	FMC 12DL
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216003	lab_id	C7K020216004	lab_id	C7K020216005
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.42	U	
AROCLOR-1221	UG/L	0.42	U	
AROCLOR-1232	UG/L	0.42	U	
AROCLOR-1242	UG/L	0.42	U	
AROCLOR-1248	UG/L	0.42	U	
AROCLOR-1254	UG/L	0.42	U	
AROCLOR-1260	UG/L	0.42	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.4	U	
AROCLOR-1221	UG/L	0.4	U	
AROCLOR-1232	UG/L	0.4	U	
AROCLOR-1242	UG/L	0.4	U	
AROCLOR-1248	UG/L	0.4	U	
AROCLOR-1254	UG/L	0.4	U	
AROCLOR-1260	UG/L	0.4	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.39	U	
AROCLOR-1221	UG/L	0.39	U	
AROCLOR-1232	UG/L	0.39	U	
AROCLOR-1242	UG/L	0.39	U	
AROCLOR-1248	UG/L	0.39	U	
AROCLOR-1254	UG/L	0.39	U	
AROCLOR-1260	UG/L	0.39	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	FMC 13DL	nsample	FMC 16DL	nsample	FMC 18DL
samp_date	10/30/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216006	lab_id	C7K020216007	lab_id	C7K020216008
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.41	U	
AROCLOR-1221	UG/L	0.41	U	
AROCLOR-1232	UG/L	0.41	U	
AROCLOR-1242	UG/L	0.41	U	
AROCLOR-1248	UG/L	0.41	U	
AROCLOR-1254	UG/L	0.41	U	
AROCLOR-1260	UG/L	0.41	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.41	U	
AROCLOR-1221	UG/L	0.41	U	
AROCLOR-1232	UG/L	0.41	U	
AROCLOR-1242	UG/L	0.41	U	
AROCLOR-1248	UG/L	0.41	U	
AROCLOR-1254	UG/L	0.41	U	
AROCLOR-1260	UG/L	0.41	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	FMC 20DL	nsample	FMC 22DL	nsample	FMC 24DL
samp_date	10/31/2007	samp_date	10/31/2007	samp_date	10/30/2007
lab_id	C7K020216009	lab_id	C7K020216010	lab_id	C7K020216001
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.39	U	
AROCLOR-1221	UG/L	0.39	U	
AROCLOR-1232	UG/L	0.39	U	
AROCLOR-1242	UG/L	0.39	U	
AROCLOR-1248	UG/L	0.39	U	
AROCLOR-1254	UG/L	0.39	U	
AROCLOR-1260	UG/L	0.39	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.4	U	
AROCLOR-1221	UG/L	0.4	U	
AROCLOR-1232	UG/L	0.4	U	
AROCLOR-1242	UG/L	0.4	U	
AROCLOR-1248	UG/L	0.4	U	
AROCLOR-1254	UG/L	0.4	U	
AROCLOR-1260	UG/L	0.4	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	FMC 25DL	nsample	FMC 26DL	nsample	FMC 3DL
samp_date	11/1/2007	samp_date	11/1/2007	samp_date	10/31/2007
lab_id	C7K020216014	lab_id	C7K020216015	lab_id	C7K020216011
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.42		
AROCLOR-1260	UG/L	0.38	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	FMC 5DL
samp_date	10/31/2007
lab_id	C7K020216012
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

nsample	FMC 7DL
samp_date	10/31/2007
lab_id	C7K020216013
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

nsample	FMC 9DL
samp_date	10/30/2007
lab_id	C7K020216002
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.4	U	
AROCLOR-1221	UG/L	0.4	U	
AROCLOR-1232	UG/L	0.4	U	
AROCLOR-1242	UG/L	0.4	U	
AROCLOR-1248	UG/L	0.4	U	
AROCLOR-1254	UG/L	0.4	U	
AROCLOR-1260	UG/L	0.4	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

GC/MS VOLATILE SUMMARY

Tetra Tech NUS, Inc

Client Sample ID: FMC 24

GC/MS Volatiles

Lot-Sample #...: C7K020216-001	**Work Order #...:** KAEX31AD	**Matrix.....:** WATER
Date Sampled...: 10/30/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 00:03	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.8 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	ND	1.0	ug/L	0.14
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.090
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: FMC 24

GC/MS Volatiles

Lot-Sample #...: C7K020216-001 **Work Order #...:** KAEX31AD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**0.27 J**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(71 - 118)
1,2-Dichloroethane-d4	114	(64 - 135)
4-Bromofluorobenzene	93	(70 - 118)
Dibromofluoromethane	110	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 9

GC/MS Volatiles

Lot-Sample #...: C7K020216-002	**Work Order #...:** KAE051AN	**Matrix.....:** WATER
Date Sampled...: 10/30/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 00:27	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.5 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	ND	1.0	ug/L	0.14
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**0.22 J**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 9

GC/MS Volatiles

Lot-Sample #...: C7K020216-002 **Work Order #...:** KAE051AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**0.32 J**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	**0.13 J**	**1.0**	**ug/L**	**0.11**
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	101	(71 - 118)
1,2-Dichloroethane-d4	118	(64 - 135)
4-Bromofluorobenzene	92	(70 - 118)
Dibromofluoromethane	113	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 10

GC/MS Volatiles

Lot-Sample #...: C7K020216-003	**Work Order #...:** KAE071AN	**Matrix.....:** WATER
Date Sampled...: 10/30/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 00:50	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	ND	1.0	ug/L	0.14
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**0.19 J**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 10

GC/MS Volatiles

Lot-Sample #...: C7K020216-003 **Work Order #...:** KAE071AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**0.35 J**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	118	(64 - 135)
4-Bromofluorobenzene	96	(70 - 118)
Dibromofluoromethane	110	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 11

GC/MS Volatiles

Lot-Sample #...: C7K020216-004	**Work Order #...:** KAE1A1AD	**Matrix.....:** WATER
Date Sampled...: 10/30/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 01:13	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.2 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	**0.16 J**	**1.0**	**ug/L**	**0.14**
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**0.26 J**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 11

GC/MS Volatiles

Lot-Sample #...: C7K020216-004 **Work Order #...:** KAE1A1AD **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**0.63 J**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	**0.18 J**	**1.0**	**ug/L**	**0.11**
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	100	(71 - 118)
1,2-Dichloroethane-d4	121	(64 - 135)
4-Bromofluorobenzene	93	(70 - 118)
Dibromofluoromethane	109	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 12

GC/MS Volatiles

Lot-Sample #...: C7K020216-005	**Work Order #...:** KAE1D1AN	**Matrix.....:** WATER
Date Sampled...: 10/30/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 01:37	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	ND	1.0	ug/L	0.14
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**0.52 J**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 12

GC/MS Volatiles

Lot-Sample #...: C7K020216-005 **Work Order #...:** KAE1D1AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**1.3**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	**0.29 J**	**1.0**	**ug/L**	**0.11**
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(71 - 118)
1,2-Dichloroethane-d4	122	(64 - 135)
4-Bromofluorobenzene	91	(70 - 118)
Dibromofluoromethane	113	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 13

GC/MS Volatiles

Lot-Sample #...: C7K020216-006	**Work Order #...:** KAE1F1AN	**Matrix.....:** WATER
Date Sampled...: 10/30/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 02:00	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	**0.18 J**	**1.0**	**ug/L**	**0.14**
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**0.50 J**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 13

GC/MS Volatiles

Lot-Sample #...: C7K020216-006 **Work Order #...:** KAE1F1AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**2.2**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	**0.33 J**	**1.0**	**ug/L**	**0.11**
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(71 - 118)
1,2-Dichloroethane-d4	118	(64 - 135)
4-Bromofluorobenzene	93	(70 - 118)
Dibromofluoromethane	111	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 16

GC/MS Volatiles

Lot-Sample #...: C7K020216-007	**Work Order #...:** KAE1J1AN	**Matrix.....:** WATER
Date Sampled...: 10/31/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 02:24	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.1 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	**0.14 J**	**1.0**	**ug/L**	**0.14**
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**1.1**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 16

GC/MS Volatiles

Lot-Sample #...: C7K020216-007 **Work Order #...:** KAE1J1AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**3.1**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	**0.73 J**	**1.0**	**ug/L**	**0.11**
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	97	(71 - 118)
1,2-Dichloroethane-d4	119	(64 - 135)
4-Bromofluorobenzene	94	(70 - 118)
Dibromofluoromethane	107	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 18

GC/MS Volatiles

Lot-Sample #...: C7K020216-008	**Work Order #...:** KAE1K1AN	**Matrix.....:** WATER
Date Sampled...: 10/31/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 02:47	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.8 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	**0.14 J**	**1.0**	**ug/L**	**0.14**
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**0.22 J**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: PMC 18

GC/MS Volatiles

Lot-Sample #...: C7K020216-008 **Work Order #...:** KAE1K1AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**0.40 J**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(71 - 118)
1,2-Dichloroethane-d4	122	(64 - 135)
4-Bromofluorobenzene	93	(70 - 118)
Dibromofluoromethane	113	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 20

GC/MS Volatiles

Lot-Sample #...: C7K020216-009	**Work Order #...:** KAE1P1AN	**Matrix.....:** WATER
Date Sampled...: 10/31/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 03:34	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	**0.14 J**	**1.0**	**ug/L**	**0.14**
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.090
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 20

GC/MS Volatiles

Lot-Sample #...: C7K020216-009 **Work Order #...:** KAE1P1AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**0.36 J**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(71 - 118)
1,2-Dichloroethane-d4	122	(64 - 135)
4-Bromofluorobenzene	97	(70 - 118)
Dibromofluoromethane	113	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 22

GC/MS Volatiles

Lot-Sample #...: C7K020216-010	**Work Order #...:** KAE1R1AN	**Matrix.....:** WATER
Date Sampled...: 10/31/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 03:57	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.6 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	**0.15 J**	**1.0**	**ug/L**	**0.14**
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**0.30 J**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 22

GC/MS Volatiles

Lot-Sample #...: C7K020216-010 **Work Order #...:** KAE1R1AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**0.45 J**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	98	(71 - 118)
1,2-Dichloroethane-d4	122	(64 - 135)
4-Bromofluorobenzene	93	(70 - 118)
Dibromofluoromethane	112	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 3

GC/MS Volatiles

Lot-Sample #...: C7K020216-011	**Work Order #...:** KAE101AN	**Matrix.....:** WATER
Date Sampled...: 10/31/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 04:20	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**5.4**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	**0.26 J**	**1.0**	**ug/L**	**0.14**
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**0.25 J**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 3

GC/MS Volatiles

Lot-Sample #...: C7K020216-011 **Work Order #...:** KAE101AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**0.53 J**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	92	(71 - 118)
1,2-Dichloroethane-d4	122	(64 - 135)
4-Bromofluorobenzene	93	(70 - 118)
Dibromofluoromethane	117	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 5

GC/MS Volatiles

Lot-Sample #...: C7K020216-012	**Work Order #...:** KAE151AN	**Matrix.....:** WATER
Date Sampled...: 10/31/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 04:43	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.8 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	ND	1.0	ug/L	0.14
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**0.18 J**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 5

GC/MS Volatiles

Lot-Sample #...: C7K020216-012 **Work Order #...:** KAE151AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**0.50 J**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	95	(71 - 118)
1,2-Dichloroethane-d4	118	(64 - 135)
4-Bromofluorobenzene	97	(70 - 118)
Dibromofluoromethane	113	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 7

GC/MS Volatiles

Lot-Sample #...: C7K020216-013	**Work Order #...:** KAE191AN	**Matrix.....:** WATER	
Date Sampled...: 10/31/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348	
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07		
Prep Batch #...: 7312657	**Analysis Time..:** 05:07		
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL	
Analyst ID.....: 403419	**Instrument ID..:** HP6		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**4.6 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	**0.19 J**	**1.0**	**ug/L**	**0.14**
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**0.18 J**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 7

GC/MS Volatiles

Lot-Sample #...: C7K020216-013 **Work Order #...:** KAE191AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**0.53 J**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	94	(71 - 118)
1,2-Dichloroethane-d4	125	(64 - 135)
4-Bromofluorobenzene	93	(70 - 118)
Dibromofluoromethane	108	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 25

GC/MS Volatiles

Lot-Sample #...:	C7K020216-014	**Work Order #...:**	KAE2E1AN	**Matrix.....:**	WATER
Date Sampled...:	11/01/07	**Date Received..:**	11/02/07	**MS Run #.....:**	7312348
Prep Date.....:	11/08/07	**Analysis Date..:**	11/09/07		
Prep Batch #...:	7312657	**Analysis Time..:**	05:30		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 mL	**Final Wgt/Vol..:**	5 mL
Analyst ID.....:	403419	**Instrument ID..:**	HP6		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.8 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	ND	1.0	ug/L	0.14
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.090
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 25

GC/MS Volatiles

Lot-Sample #...: C7K020216-014 **Work Order #...:** KAE2E1AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	99	(71 - 118)
1,2-Dichloroethane-d4	121	(64 - 135)
4-Bromofluorobenzene	94	(70 - 118)
Dibromofluoromethane	111	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 26

GC/MS Volatiles

Lot-Sample #...: C7K020216-015	**Work Order #...:** KAE2J1AN	**Matrix.....:** WATER	
Date Sampled...: 11/01/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348	
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07		
Prep Batch #...: 7312657	**Analysis Time..:** 05:53		
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL	
Analyst ID.....: 403419	**Instrument ID..:** HP6		
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.7 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	**0.14 J**	**1.0**	**ug/L**	**0.14**
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.090
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: FMC 26

GC/MS Volatiles

Lot-Sample #...: C7K020216-015 **Work Order #...:** KAE2J1AN **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(71 - 118)
1,2-Dichloroethane-d4	126	(64 - 135)
4-Bromofluorobenzene	92	(70 - 118)
Dibromofluoromethane	113	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: TripBlank#1

GC/MS Volatiles

Lot-Sample #...: C7K020216-016	**Work Order #...:** KAE2L1AA	**Matrix.....:** WATER
Date Sampled...: 10/30/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 03:10	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.3 J**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	ND	1.0	ug/L	0.14
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.090
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: TripBlank#1

GC/MS Volatiles

Lot-Sample #...: C7K020216-016 **Work Order #...:** KAE2L1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	**0.24 J**	**1.0**	**ug/L**	**0.21**
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	93	(71 - 118)
1,2-Dichloroethane-d4	123	(64 - 135)
4-Bromofluorobenzene	92	(70 - 118)
Dibromofluoromethane	116	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: TripBlank#2

GC/MS Volatiles

Lot-Sample #...: C7K020216-017	**Work Order #...:** KAE211AA	**Matrix.....:** WATER
Date Sampled...: 10/30/07	**Date Received..:** 11/02/07	**MS Run #.....:** 7312348
Prep Date.....: 11/08/07	**Analysis Date..:** 11/09/07	
Prep Batch #...: 7312657	**Analysis Time..:** 06:17	
Dilution Factor: 1	**Initial Wgt/Vol:** 5 mL	**Final Wgt/Vol..:** 5 mL
Analyst ID.....: 403419	**Instrument ID..:** HP6	
	Method.....: SW846 8260B	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**11**	**5.0**	**ug/L**	**2.5**
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	**0.15 J**	**1.0**	**ug/L**	**0.14**
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.090
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

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Tetra Tech NUS, Inc

Client Sample ID: TripBlank#2

GC/MS Volatiles

Lot-Sample #...: C7K020216-017 **Work Order #...:** KAE211AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	ND	1.0	ug/L	0.22
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	**0.39 J**	**1.0**	**ug/L**	**0.21**
Vinyl chloride	ND	1.0	ug/L	0.11
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	93	(71 - 118)
1,2-Dichloroethane-d4	122	(64 - 135)
4-Bromofluorobenzene	91	(70 - 118)
Dibromofluoromethane	111	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

GC/MS SEMIVOLATILE SUMMARY

Tetra Tech NUS, Inc

Client Sample ID: FMC 24

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-001	**Work Order #...:**	KAEX31AC	**Matrix.....:**	WATER
Date Sampled...:	10/30/07 13:35	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7310082
Prep Date.....:	11/06/07	**Analysis Date..:**	11/24/07		
Prep Batch #...:	7310138	**Analysis Time..:**	11:21		
Dilution Factor:	1.19	**Initial Wgt/Vol:**	840 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.24	ug/L	0.062
Acenaphthylene	ND	0.24	ug/L	0.055
Acetophenone	ND	1.2	ug/L	0.055
Anthracene	ND	0.24	ug/L	0.060
Atrazine	ND	1.2	ug/L	0.046
Benzo(a)anthracene	ND	0.24	ug/L	0.049
Benzo(a)pyrene	ND	0.24	ug/L	0.052
Benzo(b)fluoranthene	ND	0.24	ug/L	0.037
Benzo(ghi)perylene	ND	0.24	ug/L	0.033
Benzo(k)fluoranthene	ND	0.24	ug/L	0.047
Benzaldehyde	ND	1.2	ug/L	0.064
1,1'-Biphenyl	ND	1.2	ug/L	0.072
bis(2-Chloroethoxy) methane	ND	1.2	ug/L	0.14
bis(2-Chloroethyl)-ether	ND	0.24	ug/L	0.055
bis(2-Ethylhexyl) phthalate	**0.50 J**	**1.2**	**ug/L**	**0.14**
4-Bromophenyl phenyl ether	ND	1.2	ug/L	0.059
Butyl benzyl phthalate	**0.37 J**	**1.2**	**ug/L**	**0.16**
Caprolactam	ND	1.2	ug/L	0.22
Carbazole	ND	0.24	ug/L	0.062
4-Chloroaniline	ND	1.2	ug/L	0.055
4-Chloro-3-methylphenol	ND	1.2	ug/L	0.070
2-Chloronaphthalene	ND	0.24	ug/L	0.053
2-Chlorophenol	ND	1.2	ug/L	0.054
4-Chlorophenyl phenyl ether	ND	1.2	ug/L	0.051
Chrysene	ND	0.24	ug/L	0.042
Dibenz(a,h)anthracene	ND	0.24	ug/L	0.041
Dibenzofuran	ND	1.2	ug/L	0.064
3,3'-Dichlorobenzidine	ND	1.2	ug/L	0.049
2,4-Dichlorophenol	ND	0.24	ug/L	0.058
Diethyl phthalate	ND	1.2	ug/L	0.29
2,4-Dimethylphenol	ND	1.2	ug/L	0.062
Dimethyl phthalate	ND	1.2	ug/L	0.050

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Tetra Tech NUS, Inc

Client Sample ID: FMC 24

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-001 **Work Order #...:** KAEX31AC **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.2	ug/L	0.055
4,6-Dinitro-2-methylphenol	ND	6.0	ug/L	1.7
2,4-Dinitrophenol	ND	6.0	ug/L	1.5
2,4-Dinitrotoluene	ND	1.2	ug/L	0.054
2,6-Dinitrotoluene	ND	1.2	ug/L	0.060
Di-n-octyl phthalate	ND	1.2	ug/L	0.051
Fluoranthene	ND	0.24	ug/L	0.059
Fluorene	ND	0.24	ug/L	0.065
Hexachlorobenzene	ND	0.24	ug/L	0.052
Hexachlorobutadiene	ND	0.24	ug/L	0.045
Hexachlorocyclopentadiene	ND	1.2	ug/L	0.095
Hexachloroethane	ND	1.2	ug/L	0.052
Indeno(1,2,3-cd)pyrene	ND	0.24	ug/L	0.057
Isophorone	ND	1.2	ug/L	0.056
2-Methylnaphthalene	ND	0.24	ug/L	0.056
2-Methylphenol	ND	1.2	ug/L	0.061
4-Methylphenol	ND	1.2	ug/L	0.088
Naphthalene	ND	0.24	ug/L	0.051
2-Nitroaniline	ND	6.0	ug/L	0.057
3-Nitroaniline	ND	6.0	ug/L	0.048
4-Nitroaniline	ND	6.0	ug/L	0.030
Nitrobenzene	ND	0.24	ug/L	0.076
2-Nitrophenol	ND	1.2	ug/L	0.064
4-Nitrophenol	ND	6.0	ug/L	0.084
N-Nitrosodi-n-propylamine	ND	0.24	ug/L	0.071
N-Nitrosodiphenylamine	ND	0.24	ug/L	0.058
2,2'-oxybis(1-Chloropropane)	ND	0.24	ug/L	0.031
Pentachlorophenol	ND	1.2	ug/L	0.099
Phenanthrene	ND	0.24	ug/L	0.065
Phenol	ND	0.24	ug/L	0.026
Pyrene	ND	0.24	ug/L	0.067
2,4,5-Trichlorophenol	ND	1.2	ug/L	0.074
2,4,6-Trichlorophenol	ND	1.2	ug/L	0.068

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Tetra Tech NUS, Inc

Client Sample ID: FMC 24

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-001 **Work Order #...:** KAEX31AC **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(23 - 112)
Terphenyl-d14	66	(10 - 132)
2-Fluorobiphenyl	69	(19 - 107)
2-Fluorophenol	59	(10 - 111)
Phenol-d5	66	(15 - 112)
2,4,6-Tribromophenol	77	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 9

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-002	**Work Order #...:**	KAE051AM	**Matrix.....:**	WATER
Date Sampled...:	10/30/07 15:05	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7310082
Prep Date.....:	11/06/07	**Analysis Date..:**	11/24/07		
Prep Batch #...:	7310138	**Analysis Time..:**	11:49		
Dilution Factor:	1.02	**Initial Wgt/Vol:**	980 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.053
Acenaphthylene	ND	0.20	ug/L	0.047
Acetophenone	ND	1.0	ug/L	0.047
Anthracene	ND	0.20	ug/L	0.052
Atrazine	ND	1.0	ug/L	0.040
Benzo(a)anthracene	ND	0.20	ug/L	0.042
Benzo(a)pyrene	ND	0.20	ug/L	0.045
Benzo(b)fluoranthene	ND	0.20	ug/L	0.032
Benzo(ghi)perylene	ND	0.20	ug/L	0.028
Benzo(k)fluoranthene	ND	0.20	ug/L	0.040
Benzaldehyde	ND	1.0	ug/L	0.055
1,1'-Biphenyl	ND	1.0	ug/L	0.061
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.12
bis(2-Chloroethyl)-ether	ND	0.20	ug/L	0.047
bis(2-Ethylhexyl) phthalate	**0.14 J**	**1.0**	**ug/L**	**0.12**
4-Bromophenyl phenyl ether	ND	1.0	ug/L	0.051
Butyl benzyl phthalate	**0.20 J**	**1.0**	**ug/L**	**0.14**
Caprolactam	ND	1.0	ug/L	0.19
Carbazole	ND	0.20	ug/L	0.053
4-Chloroaniline	ND	1.0	ug/L	0.047
4-Chloro-3-methylphenol	ND	1.0	ug/L	0.060
2-Chloronaphthalene	ND	0.20	ug/L	0.045
2-Chlorophenol	ND	1.0	ug/L	0.046
4-Chlorophenyl phenyl ether	ND	1.0	ug/L	0.043
Chrysene	ND	0.20	ug/L	0.036
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.036
Dibenzofuran	ND	1.0	ug/L	0.055
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.042
2,4-Dichlorophenol	ND	0.20	ug/L	0.050
Diethyl phthalate	ND	1.0	ug/L	0.25
2,4-Dimethylphenol	ND	1.0	ug/L	0.053
Dimethyl phthalate	ND	1.0	ug/L	0.043

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Tetra Tech NUS, Inc

Client Sample ID: FMC 9

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-002 **Work Order #...:** KAE051AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.047
4,6-Dinitro-2-methylphenol	ND	5.1	ug/L	1.4
2,4-Dinitrophenol	ND	5.1	ug/L	1.3
2,4-Dinitrotoluene	ND	1.0	ug/L	0.046
2,6-Dinitrotoluene	ND	1.0	ug/L	0.052
Di-n-octyl phthalate	ND	1.0	ug/L	0.043
Fluoranthene	ND	0.20	ug/L	0.050
Fluorene	ND	0.20	ug/L	0.055
Hexachlorobenzene	ND	0.20	ug/L	0.044
Hexachlorobutadiene	ND	0.20	ug/L	0.038
Hexachlorocyclopentadiene	ND	1.0	ug/L	0.082
Hexachloroethane	ND	1.0	ug/L	0.044
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.049
Isophorone	ND	1.0	ug/L	0.048
2-Methylnaphthalene	ND	0.20	ug/L	0.048
2-Methylphenol	ND	1.0	ug/L	0.052
4-Methylphenol	ND	1.0	ug/L	0.075
Naphthalene	ND	0.20	ug/L	0.044
2-Nitroaniline	ND	5.1	ug/L	0.049
3-Nitroaniline	ND	5.1	ug/L	0.041
4-Nitroaniline	ND	5.1	ug/L	0.026
Nitrobenzene	ND	0.20	ug/L	0.065
2-Nitrophenol	ND	1.0	ug/L	0.055
4-Nitrophenol	ND	5.1	ug/L	0.072
N-Nitrosodi-n-propylamine	ND	0.20	ug/L	0.061
N-Nitrosodiphenylamine	ND	0.20	ug/L	0.050
2,2'-oxybis(1-Chloropropane)	ND	0.20	ug/L	0.026
Pentachlorophenol	ND	1.0	ug/L	0.085
Phenanthrene	ND	0.20	ug/L	0.056
Phenol	ND	0.20	ug/L	0.023
Pyrene	ND	0.20	ug/L	0.058
2,4,5-Trichlorophenol	ND	1.0	ug/L	0.064
2,4,6-Trichlorophenol	ND	1.0	ug/L	0.058

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Tetra Tech NUS, Inc

Client Sample ID: FMC 9

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-002 **Work Order #...:** KAE051AM **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(23 - 112)
Terphenyl-d14	67	(10 - 132)
2-Fluorobiphenyl	65	(19 - 107)
2-Fluorophenol	61	(10 - 111)
Phenol-d5	68	(15 - 112)
2,4,6-Tribromophenol	69	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 10

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-003	**Work Order #...:**	KAE071AM	**Matrix.....:**	WATER
Date Sampled...:	10/30/07 14:35	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7310082
Prep Date.....:	11/06/07	**Analysis Date..:**	11/24/07		
Prep Batch #...:	7310138	**Analysis Time..:**	12:18		
Dilution Factor:	1.06	**Initial Wgt/Vol:**	940 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.21	ug/L	0.055
Acenaphthylene	ND	0.21	ug/L	0.049
Acetophenone	ND	1.1	ug/L	0.049
Anthracene	ND	0.21	ug/L	0.054
Atrazine	ND	1.1	ug/L	0.041
Benzo(a)anthracene	ND	0.21	ug/L	0.044
Benzo(a)pyrene	ND	0.21	ug/L	0.046
Benzo(b)fluoranthene	ND	0.21	ug/L	0.033
Benzo(ghi)perylene	ND	0.21	ug/L	0.029
Benzo(k)fluoranthene	ND	0.21	ug/L	0.042
Benzaldehyde	ND	1.1	ug/L	0.057
1,1'-Biphenyl	ND	1.1	ug/L	0.064
bis(2-Chloroethoxy) methane	ND	1.1	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	0.21	ug/L	0.049
bis(2-Ethylhexyl) phthalate	**0.13 J**	**1.1**	**ug/L**	**0.13**
4-Bromophenyl phenyl ether	ND	1.1	ug/L	0.053
Butyl benzyl phthalate	ND	1.1	ug/L	0.15
Caprolactam	ND	1.1	ug/L	0.20
Carbazole	**0.097 J**	**0.21**	**ug/L**	**0.055**
4-Chloroaniline	ND	1.1	ug/L	0.049
4-Chloro-3-methylphenol	ND	1.1	ug/L	0.063
2-Chloronaphthalene	ND	0.21	ug/L	0.047
2-Chlorophenol	ND	1.1	ug/L	0.048
4-Chlorophenyl phenyl ether	ND	1.1	ug/L	0.045
Chrysene	ND	0.21	ug/L	0.038
Dibenz(a,h)anthracene	ND	0.21	ug/L	0.037
Dibenzofuran	**0.074 J**	**1.1**	**ug/L**	**0.057**
3,3'-Dichlorobenzidine	ND	1.1	ug/L	0.043
2,4-Dichlorophenol	ND	0.21	ug/L	0.051
Diethyl phthalate	ND	1.1	ug/L	0.26
2,4-Dimethylphenol	ND	1.1	ug/L	0.055
Dimethyl phthalate	ND	1.1	ug/L	0.045

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Tetra Tech NUS, Inc

Client Sample ID: FMC 10

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-003 **Work Order #...:** KAE071AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.1	ug/L	0.049
4,6-Dinitro-2-methylphenol	ND	5.3	ug/L	1.5
2,4-Dinitrophenol	ND	5.3	ug/L	1.4
2,4-Dinitrotoluene	ND	1.1	ug/L	0.048
2,6-Dinitrotoluene	ND	1.1	ug/L	0.054
Di-n-octyl phthalate	ND	1.1	ug/L	0.045
Fluoranthene	ND	0.21	ug/L	0.052
Fluorene	ND	0.21	ug/L	0.057
Hexachlorobenzene	ND	0.21	ug/L	0.046
Hexachlorobutadiene	ND	0.21	ug/L	0.040
Hexachlorocyclopentadiene	ND	1.1	ug/L	0.085
Hexachloroethane	ND	1.1	ug/L	0.046
Indeno(1,2,3-cd)pyrene	ND	0.21	ug/L	0.050
Isophorone	ND	1.1	ug/L	0.050
2-Methylnaphthalene	ND	0.21	ug/L	0.050
2-Methylphenol	ND	1.1	ug/L	0.054
4-Methylphenol	ND	1.1	ug/L	0.078
Naphthalene	ND	0.21	ug/L	0.046
2-Nitroaniline	ND	5.3	ug/L	0.050
3-Nitroaniline	ND	5.3	ug/L	0.043
4-Nitroaniline	ND	5.3	ug/L	0.027
Nitrobenzene	ND	0.21	ug/L	0.068
2-Nitrophenol	ND	1.1	ug/L	0.057
4-Nitrophenol	ND	5.3	ug/L	0.074
N-Nitrosodi-n-propylamine	ND	0.21	ug/L	0.063
N-Nitrosodiphenylamine	ND	0.21	ug/L	0.052
2,2'-oxybis(1-Chloropropane)	ND	0.21	ug/L	0.027
Pentachlorophenol	ND	1.1	ug/L	0.088
Phenanthrene	**0.32**	**0.21**	**ug/L**	**0.058**
Phenol	ND	0.21	ug/L	0.023
Pyrene	ND	0.21	ug/L	0.060
2,4,5-Trichlorophenol	ND	1.1	ug/L	0.066
2,4,6-Trichlorophenol	ND	1.1	ug/L	0.060

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Tetra Tech NUS, Inc

Client Sample ID: FMC 10

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-003 **Work Order #...:** KAE071AM **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	61	(23 - 112)
Terphenyl-d14	65	(10 - 132)
2-Fluorobiphenyl	55	(19 - 107)
2-Fluorophenol	63	(10 - 111)
Phenol-d5	69	(15 - 112)
2,4,6-Tribromophenol	66	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 11

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-004	**Work Order #...:**	KAE1A1AC	**Matrix.....:**	WATER
Date Sampled...:	10/30/07 14:11	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7310082
Prep Date.....:	11/06/07	**Analysis Date..:**	11/24/07		
Prep Batch #...:	7310138	**Analysis Time..:**	12:46		
Dilution Factor:	1.1	**Initial Wgt/Vol:**	910 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.22	ug/L	0.057
Acenaphthylene	ND	0.22	ug/L	0.051
Acetophenone	ND	1.1	ug/L	0.051
Anthracene	ND	0.22	ug/L	0.056
Atrazine	ND	1.1	ug/L	0.043
Benzo(a)anthracene	ND	0.22	ug/L	0.045
Benzo(a)pyrene	ND	0.22	ug/L	0.048
Benzo(b)fluoranthene	ND	0.22	ug/L	0.034
Benzo(ghi)perylene	ND	0.22	ug/L	0.030
Benzo(k)fluoranthene	ND	0.22	ug/L	0.043
Benzaldehyde	ND	1.1	ug/L	0.060
1,1'-Biphenyl	ND	1.1	ug/L	0.066
bis(2-Chloroethoxy) methane	ND	1.1	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	0.22	ug/L	0.051
bis(2-Ethylhexyl) phthalate	ND	1.1	ug/L	0.13
4-Bromophenyl phenyl ether	ND	1.1	ug/L	0.055
Butyl benzyl phthalate	ND	1.1	ug/L	0.15
Caprolactam	ND	1.1	ug/L	0.21
Carbazole	ND	0.22	ug/L	0.057
4-Chloroaniline	ND	1.1	ug/L	0.051
4-Chloro-3-methylphenol	ND	1.1	ug/L	0.065
2-Chloronaphthalene	ND	0.22	ug/L	0.049
2-Chlorophenol	ND	1.1	ug/L	0.050
4-Chlorophenyl phenyl ether	ND	1.1	ug/L	0.047
Chrysene	ND	0.22	ug/L	0.039
Dibenz(a,h)anthracene	ND	0.22	ug/L	0.038
Dibenzofuran	ND	1.1	ug/L	0.059
3,3'-Dichlorobenzidine	ND	1.1	ug/L	0.045
2,4-Dichlorophenol	ND	0.22	ug/L	0.053
Diethyl phthalate	ND	1.1	ug/L	0.27
2,4-Dimethylphenol	ND	1.1	ug/L	0.057
Dimethyl phthalate	ND	1.1	ug/L	0.046

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Tetra Tech NUS, Inc

Client Sample ID: FMC 11

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-004 **Work Order #...:** KAE1A1AC **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.1	ug/L	0.051
4,6-Dinitro-2-methylphenol	ND	5.5	ug/L	1.6
2,4-Dinitrophenol	ND	5.5	ug/L	1.4
2,4-Dinitrotoluene	ND	1.1	ug/L	0.050
2,6-Dinitrotoluene	ND	1.1	ug/L	0.056
Di-n-octyl phthalate	ND	1.1	ug/L	0.047
Fluoranthene	ND	0.22	ug/L	0.054
Fluorene	ND	0.22	ug/L	0.060
Hexachlorobenzene	ND	0.22	ug/L	0.048
Hexachlorobutadiene	ND	0.22	ug/L	0.041
Hexachlorocyclopentadiene	ND	1.1	ug/L	0.088
Hexachloroethane	ND	1.1	ug/L	0.048
Indeno(1,2,3-cd)pyrene	ND	0.22	ug/L	0.052
Isophorone	ND	1.1	ug/L	0.052
2-Methylnaphthalene	ND	0.22	ug/L	0.051
2-Methylphenol	ND	1.1	ug/L	0.056
4-Methylphenol	ND	1.1	ug/L	0.081
Naphthalene	ND	0.22	ug/L	0.047
2-Nitroaniline	ND	5.5	ug/L	0.052
3-Nitroaniline	ND	5.5	ug/L	0.044
4-Nitroaniline	ND	5.5	ug/L	0.028
Nitrobenzene	ND	0.22	ug/L	0.070
2-Nitrophenol	ND	1.1	ug/L	0.059
4-Nitrophenol	ND	5.5	ug/L	0.077
N-Nitrosodi-n-propylamine	ND	0.22	ug/L	0.065
N-Nitrosodiphenylamine	ND	0.22	ug/L	0.054
2,2'-oxybis(1-Chloropropane)	ND	0.22	ug/L	0.029
Pentachlorophenol	ND	1.1	ug/L	0.091
Phenanthrene	**0.26**	**0.22**	**ug/L**	**0.061**
Phenol	ND	0.22	ug/L	0.024
Pyrene	ND	0.22	ug/L	0.062
2,4,5-Trichlorophenol	ND	1.1	ug/L	0.069
2,4,6-Trichlorophenol	ND	1.1	ug/L	0.062

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Tetra Tech NUS, Inc

Client Sample ID: FMC 11

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-004 **Work Order #...:** KAE1A1AC **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(23 - 112)
Terphenyl-d14	51	(10 - 132)
2-Fluorobiphenyl	48	(19 - 107)
2-Fluorophenol	50	(10 - 111)
Phenol-d5	57	(15 - 112)
2,4,6-Tribromophenol	63	(16 - 122)

Tetra Tech NUS, Inc

Client Sample ID: FMC 12

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-005	**Work Order #...:**	KAE1D1AM	**Matrix.....:**	WATER
Date Sampled...:	10/30/07 16:15	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7310082
Prep Date.....:	11/06/07	**Analysis Date..:**	11/24/07		
Prep Batch #...:	7310138	**Analysis Time..:**	13:14		
Dilution Factor:	1.04	**Initial Wgt/Vol:**	960 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.21	ug/L	0.054
Acenaphthylene	ND	0.21	ug/L	0.048
Acetophenone	ND	1.0	ug/L	0.048
Anthracene	ND	0.21	ug/L	0.053
Atrazine	ND	1.0	ug/L	0.041
Benzo(a)anthracene	ND	0.21	ug/L	0.043
Benzo(a)pyrene	ND	0.21	ug/L	0.046
Benzo(b)fluoranthene	ND	0.21	ug/L	0.033
Benzo(ghi)perylene	ND	0.21	ug/L	0.029
Benzo(k)fluoranthene	ND	0.21	ug/L	0.041
Benzaldehyde	ND	1.0	ug/L	0.056
1,1'-Biphenyl	ND	1.0	ug/L	0.063
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	0.21	ug/L	0.048
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.12
4-Bromophenyl phenyl ether	ND	1.0	ug/L	0.052
Butyl benzyl phthalate	ND	1.0	ug/L	0.14
Caprolactam	ND	1.0	ug/L	0.20
Carbazole	**0.11 J**	**0.21**	**ug/L**	**0.054**
4-Chloroaniline	ND	1.0	ug/L	0.048
4-Chloro-3-methylphenol	ND	1.0	ug/L	0.061
2-Chloronaphthalene	ND	0.21	ug/L	0.046
2-Chlorophenol	ND	1.0	ug/L	0.047
4-Chlorophenyl phenyl ether	ND	1.0	ug/L	0.044
Chrysene	ND	0.21	ug/L	0.037
Dibenz(a,h)anthracene	ND	0.21	ug/L	0.036
Dibenzofuran	**0.16 J**	**1.0**	**ug/L**	**0.056**
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.043
2,4-Dichlorophenol	ND	0.21	ug/L	0.051
Diethyl phthalate	ND	1.0	ug/L	0.25
2,4-Dimethylphenol	ND	1.0	ug/L	0.054
Dimethyl phthalate	ND	1.0	ug/L	0.044

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Tetra Tech NUS, Inc

Client Sample ID: FMC 12

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-005 **Work Order #...:** KAE1D1AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.0	ug/L	0.048
4,6-Dinitro-2-methylphenol	ND	5.2	ug/L	1.5
2,4-Dinitrophenol	ND	5.2	ug/L	1.3
2,4-Dinitrotoluene	ND	1.0	ug/L	0.047
2,6-Dinitrotoluene	ND	1.0	ug/L	0.053
Di-n-octyl phthalate	ND	1.0	ug/L	0.044
Fluoranthene	**0.077 J**	**0.21**	**ug/L**	**0.051**
Fluorene	**0.078 J**	**0.21**	**ug/L**	**0.056**
Hexachlorobenzene	ND	0.21	ug/L	0.045
Hexachlorobutadiene	ND	0.21	ug/L	0.039
Hexachlorocyclopenta-diene	ND	1.0	ug/L	0.083
Hexachloroethane	ND	1.0	ug/L	0.045
Indeno(1,2,3-cd)pyrene	ND	0.21	ug/L	0.049
Isophorone	ND	1.0	ug/L	0.049
2-Methylnaphthalene	ND	0.21	ug/L	0.049
2-Methylphenol	ND	1.0	ug/L	0.053
4-Methylphenol	ND	1.0	ug/L	0.077
Naphthalene	ND	0.21	ug/L	0.045
2-Nitroaniline	ND	5.2	ug/L	0.049
3-Nitroaniline	ND	5.2	ug/L	0.042
4-Nitroaniline	ND	5.2	ug/L	0.026
Nitrobenzene	ND	0.21	ug/L	0.067
2-Nitrophenol	ND	1.0	ug/L	0.056
4-Nitrophenol	ND	5.2	ug/L	0.073
N-Nitrosodi-n-propyl-amine	ND	0.21	ug/L	0.062
N-Nitrosodiphenylamine	ND	0.21	ug/L	0.051
2,2'-oxybis(1-Chloropropane)	ND	0.21	ug/L	0.027
Pentachlorophenol	ND	1.0	ug/L	0.086
Phenanthrene	**0.48**	**0.21**	**ug/L**	**0.057**
Phenol	ND	0.21	ug/L	0.023
Pyrene	ND	0.21	ug/L	0.059
2,4,5-Trichloro-phenol	ND	1.0	ug/L	0.065
2,4,6-Trichloro-phenol	ND	1.0	ug/L	0.059

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Tetra Tech NUS, Inc

Client Sample ID: FMC 12

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-005 **Work Order #...:** KAE1D1AM **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(23 - 112)
Terphenyl-d14	54	(10 - 132)
2-Fluorobiphenyl	53	(19 - 107)
2-Fluorophenol	55	(10 - 111)
Phenol-d5	62	(15 - 112)
2,4,6-Tribromophenol	65	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 13

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-006	**Work Order #...:**	KAE1F1AM	**Matrix.....:**	WATER
Date Sampled...:	10/30/07 16:45	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7310082
Prep Date.....:	11/06/07	**Analysis Date..:**	11/24/07		
Prep Batch #...:	7310138	**Analysis Time..:**	13:43		
Dilution Factor:	1.09	**Initial Wgt/Vol:**	920 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.22	ug/L	0.057
Acenaphthylene	ND	0.22	ug/L	0.050
Acetophenone	ND	1.1	ug/L	0.050
Anthracene	ND	0.22	ug/L	0.055
Atrazine	ND	1.1	ug/L	0.042
Benzo(a)anthracene	ND	0.22	ug/L	0.045
Benzo(a)pyrene	ND	0.22	ug/L	0.048
Benzo(b)fluoranthene	ND	0.22	ug/L	0.034
Benzo(ghi)perylene	ND	0.22	ug/L	0.030
Benzo(k)fluoranthene	ND	0.22	ug/L	0.043
Benzaldehyde	ND	1.1	ug/L	0.059
1,1'-Biphenyl	ND	1.1	ug/L	0.066
bis(2-Chloroethoxy) methane	ND	1.1	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	0.22	ug/L	0.050
bis(2-Ethylhexyl) phthalate	ND	1.1	ug/L	0.13
4-Bromophenyl phenyl ether	ND	1.1	ug/L	0.054
Butyl benzyl phthalate	**0.17 J**	**1.1**	**ug/L**	**0.15**
Caprolactam	ND	1.1	ug/L	0.20
Carbazole	**0.19 J**	**0.22**	**ug/L**	**0.057**
4-Chloroaniline	ND	1.1	ug/L	0.050
4-Chloro-3-methylphenol	ND	1.1	ug/L	0.064
2-Chloronaphthalene	ND	0.22	ug/L	0.048
2-Chlorophenol	ND	1.1	ug/L	0.049
4-Chlorophenyl phenyl ether	ND	1.1	ug/L	0.046
Chrysene	ND	0.22	ug/L	0.039
Dibenz(a,h)anthracene	ND	0.22	ug/L	0.038
Dibenzofuran	ND	1.1	ug/L	0.058
3,3'-Dichlorobenzidine	ND	1.1	ug/L	0.045
2,4-Dichlorophenol	ND	0.22	ug/L	0.053
Diethyl phthalate	ND	1.1	ug/L	0.27
2,4-Dimethylphenol	ND	1.1	ug/L	0.056
Dimethyl phthalate	ND	1.1	ug/L	0.046

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Tetra Tech NUS, Inc

Client Sample ID: FMC 13

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-006 Work Order #...: KAE1F1AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.1	ug/L	0.051
4,6-Dinitro-2-methylphenol	ND	5.4	ug/L	1.5
2,4-Dinitrophenol	ND	5.4	ug/L	1.4
2,4-Dinitrotoluene	ND	1.1	ug/L	0.049
2,6-Dinitrotoluene	ND	1.1	ug/L	0.055
Di-n-octyl phthalate	ND	1.1	ug/L	0.046
Fluoranthene	**0.080 J**	**0.22**	**ug/L**	**0.054**
Fluorene	ND	0.22	ug/L	0.059
Hexachlorobenzene	ND	0.22	ug/L	0.047
Hexachlorobutadiene	ND	0.22	ug/L	0.041
Hexachlorocyclopentadiene	ND	1.1	ug/L	0.087
Hexachloroethane	ND	1.1	ug/L	0.047
Indeno(1,2,3-cd)pyrene	ND	0.22	ug/L	0.052
Isophorone	ND	1.1	ug/L	0.052
2-Methylnaphthalene	ND	0.22	ug/L	0.051
2-Methylphenol	ND	1.1	ug/L	0.056
4-Methylphenol	ND	1.1	ug/L	0.080
Naphthalene	ND	0.22	ug/L	0.047
2-Nitroaniline	ND	5.4	ug/L	0.052
3-Nitroaniline	ND	5.4	ug/L	0.044
4-Nitroaniline	ND	5.4	ug/L	0.028
Nitrobenzene	ND	0.22	ug/L	0.070
2-Nitrophenol	ND	1.1	ug/L	0.059
4-Nitrophenol	ND	5.4	ug/L	0.076
N-Nitrosodi-n-propylamine	ND	0.22	ug/L	0.065
N-Nitrosodiphenylamine	ND	0.22	ug/L	0.053
2,2'-oxybis(1-Chloropropane)	ND	0.22	ug/L	0.028
Pentachlorophenol	ND	1.1	ug/L	0.090
Phenanthrene	**0.42**	**0.22**	**ug/L**	**0.060**
Phenol	ND	0.22	ug/L	0.024
Pyrene	**0.064 J**	**0.22**	**ug/L**	**0.062**
2,4,5-Trichlorophenol	ND	1.1	ug/L	0.068
2,4,6-Trichlorophenol	ND	1.1	ug/L	0.062

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Tetra Tech NUS, Inc

Client Sample ID: FMC 13

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-006 **Work Order #...:** KAE1F1AM **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(23 - 112)
Terphenyl-d14	73	(10 - 132)
2-Fluorobiphenyl	61	(19 - 107)
2-Fluorophenol	63	(10 - 111)
Phenol-d5	69	(15 - 112)
2,4,6-Tribromophenol	75	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 16

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-007	**Work Order #...:**	KAE1J1AM	**Matrix.....:**	WATER
Date Sampled...:	10/31/07 09:55	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7311210
Prep Date.....:	11/07/07	**Analysis Date..:**	11/22/07		
Prep Batch #...:	7311333	**Analysis Time..:**	10:14		
Dilution Factor:	1.09	**Initial Wgt/Vol:**	920 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.22	ug/L	0.057
Acenaphthylene	ND	0.22	ug/L	0.050
Acetophenone	ND	1.1	ug/L	0.050
Anthracene	ND	0.22	ug/L	0.055
Atrazine	ND	1.1	ug/L	0.042
Benzo(a)anthracene	ND	0.22	ug/L	0.045
Benzo(a)pyrene	ND	0.22	ug/L	0.048
Benzo(b)fluoranthene	ND	0.22	ug/L	0.034
Benzo(ghi)perylene	ND	0.22	ug/L	0.030
Benzo(k)fluoranthene	ND	0.22	ug/L	0.043
Benzaldehyde	ND	1.1	ug/L	0.059
1,1'-Biphenyl	ND	1.1	ug/L	0.066
bis(2-Chloroethoxy) methane	ND	1.1	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	0.22	ug/L	0.050
bis(2-Ethylhexyl) phthalate	**0.16 J**	**1.1**	**ug/L**	**0.13**
4-Bromophenyl phenyl ether	ND	1.1	ug/L	0.054
Butyl benzyl phthalate	ND	1.1	ug/L	0.15
Caprolactam	ND	1.1	ug/L	0.20
Carbazole	ND	0.22	ug/L	0.057
4-Chloroaniline	ND	1.1	ug/L	0.050
4-Chloro-3-methylphenol	ND	1.1	ug/L	0.064
2-Chloronaphthalene	ND	0.22	ug/L	0.048
2-Chlorophenol	ND	1.1	ug/L	0.049
4-Chlorophenyl phenyl ether	ND	1.1	ug/L	0.046
Chrysene	ND	0.22	ug/L	0.039
Dibenz(a,h)anthracene	ND	0.22	ug/L	0.038
Dibenzofuran	ND	1.1	ug/L	0.058
3,3'-Dichlorobenzidine	ND	1.1	ug/L	0.045
2,4-Dichlorophenol	ND	0.22	ug/L	0.053
Diethyl phthalate	ND	1.1	ug/L	0.27
2,4-Dimethylphenol	ND	1.1	ug/L	0.056
Dimethyl phthalate	ND	1.1	ug/L	0.046

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Tetra Tech NUS, Inc

Client Sample ID: FMC 16

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-007 **Work Order #...:** KAE1J1AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.1	ug/L	0.051
4,6-Dinitro-2-methylphenol	ND	5.4	ug/L	1.5
2,4-Dinitrophenol	ND	5.4	ug/L	1.4
2,4-Dinitrotoluene	ND	1.1	ug/L	0.049
2,6-Dinitrotoluene	ND	1.1	ug/L	0.055
Di-n-octyl phthalate	ND	1.1	ug/L	0.046
Fluoranthene	ND	0.22	ug/L	0.054
Fluorene	ND	0.22	ug/L	0.059
Hexachlorobenzene	ND	0.22	ug/L	0.047
Hexachlorobutadiene	ND	0.22	ug/L	0.041
Hexachlorocyclopentadiene	ND	1.1	ug/L	0.087
Hexachloroethane	ND	1.1	ug/L	0.047
Indeno(1,2,3-cd)pyrene	ND	0.22	ug/L	0.052
Isophorone	ND	1.1	ug/L	0.052
2-Methylnaphthalene	ND	0.22	ug/L	0.051
2-Methylphenol	ND	1.1	ug/L	0.056
4-Methylphenol	ND	1.1	ug/L	0.080
Naphthalene	ND	0.22	ug/L	0.047
2-Nitroaniline	ND	5.4	ug/L	0.052
3-Nitroaniline	ND	5.4	ug/L	0.044
4-Nitroaniline	ND	5.4	ug/L	0.028
Nitrobenzene	ND	0.22	ug/L	0.070
2-Nitrophenol	ND	1.1	ug/L	0.059
4-Nitrophenol	ND	5.4	ug/L	0.076
N-Nitrosodi-n-propylamine	ND	0.22	ug/L	0.065
N-Nitrosodiphenylamine	ND	0.22	ug/L	0.053
2,2'-oxybis(1-Chloropropane)	ND	0.22	ug/L	0.028
Pentachlorophenol	ND	1.1	ug/L	0.090
Phenanthrene	ND	0.22	ug/L	0.060
Phenol	ND	0.22	ug/L	0.024
Pyrene	ND	0.22	ug/L	0.062
2,4,5-Trichlorophenol	ND	1.1	ug/L	0.068
2,4,6-Trichlorophenol	ND	1.1	ug/L	0.062

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Tetra Tech NUS, Inc

Client Sample ID: FMC 16

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-007 **Work Order #...:** KAE1J1AM **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(23 - 112)
Terphenyl-d14	59	(10 - 132)
2-Fluorobiphenyl	61	(19 - 107)
2-Fluorophenol	51	(10 - 111)
Phenol-d5	59	(15 - 112)
2,4,6-Tribromophenol	74	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 18

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-008	**Work Order #...:**	KAE1K1AM	**Matrix.....:**	WATER
Date Sampled...:	10/31/07 10:35	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7311210
Prep Date.....:	11/07/07	**Analysis Date..:**	11/22/07		
Prep Batch #...:	7311333	**Analysis Time..:**	10:42		
Dilution Factor:	1.1	**Initial Wgt/Vol:**	910 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.22	ug/L	0.057
Acenaphthylene	ND	0.22	ug/L	0.051
Acetophenone	ND	1.1	ug/L	0.051
Anthracene	ND	0.22	ug/L	0.056
Atrazine	ND	1.1	ug/L	0.043
Benzo(a)anthracene	ND	0.22	ug/L	0.045
Benzo(a)pyrene	ND	0.22	ug/L	0.048
Benzo(b)fluoranthene	ND	0.22	ug/L	0.034
Benzo(ghi)perylene	ND	0.22	ug/L	0.030
Benzo(k)fluoranthene	ND	0.22	ug/L	0.043
Benzaldehyde	ND	1.1	ug/L	0.060
1,1'-Biphenyl	ND	1.1	ug/L	0.066
bis(2-Chloroethoxy) methane	ND	1.1	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	0.22	ug/L	0.051
bis(2-Ethylhexyl) phthalate	ND	1.1	ug/L	0.13
4-Bromophenyl phenyl ether	ND	1.1	ug/L	0.055
Butyl benzyl phthalate	ND	1.1	ug/L	0.15
Caprolactam	ND	1.1	ug/L	0.21
Carbazole	ND	0.22	ug/L	0.057
4-Chloroaniline	ND	1.1	ug/L	0.051
4-Chloro-3-methylphenol	ND	1.1	ug/L	0.065
2-Chloronaphthalene	ND	0.22	ug/L	0.049
2-Chlorophenol	ND	1.1	ug/L	0.050
4-Chlorophenyl phenyl ether	ND	1.1	ug/L	0.047
Chrysene	ND	0.22	ug/L	0.039
Dibenz(a,h)anthracene	ND	0.22	ug/L	0.038
Dibenzofuran	ND	1.1	ug/L	0.059
3,3'-Dichlorobenzidine	ND	1.1	ug/L	0.045
2,4-Dichlorophenol	ND	0.22	ug/L	0.053
Diethyl phthalate	ND	1.1	ug/L	0.27
2,4-Dimethylphenol	ND	1.1	ug/L	0.057
Dimethyl phthalate	ND	1.1	ug/L	0.046

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Tetra Tech NUS, Inc

Client Sample ID: FMC 18

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-008 **Work Order #...:** KAE1K1AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.1	ug/L	0.051
4,6-Dinitro-2-methylphenol	ND	5.5	ug/L	1.6
2,4-Dinitrophenol	ND	5.5	ug/L	1.4
2,4-Dinitrotoluene	ND	1.1	ug/L	0.050
2,6-Dinitrotoluene	ND	1.1	ug/L	0.056
Di-n-octyl phthalate	ND	1.1	ug/L	0.047
Fluoranthene	ND	0.22	ug/L	0.054
Fluorene	ND	0.22	ug/L	0.060
Hexachlorobenzene	ND	0.22	ug/L	0.048
Hexachlorobutadiene	ND	0.22	ug/L	0.041
Hexachlorocyclopentadiene	ND	1.1	ug/L	0.088
Hexachloroethane	ND	1.1	ug/L	0.048
Indeno(1,2,3-cd)pyrene	ND	0.22	ug/L	0.052
Isophorone	ND	1.1	ug/L	0.052
2-Methylnaphthalene	ND	0.22	ug/L	0.051
2-Methylphenol	ND	1.1	ug/L	0.056
4-Methylphenol	ND	1.1	ug/L	0.081
Naphthalene	ND	0.22	ug/L	0.047
2-Nitroaniline	ND	5.5	ug/L	0.052
3-Nitroaniline	ND	5.5	ug/L	0.044
4-Nitroaniline	ND	5.5	ug/L	0.028
Nitrobenzene	ND	0.22	ug/L	0.070
2-Nitrophenol	ND	1.1	ug/L	0.059
4-Nitrophenol	ND	5.5	ug/L	0.077
N-Nitrosodi-n-propylamine	ND	0.22	ug/L	0.065
N-Nitrosodiphenylamine	ND	0.22	ug/L	0.054
2,2'-oxybis(1-Chloropropane)	ND	0.22	ug/L	0.029
Pentachlorophenol	ND	1.1	ug/L	0.091
Phenanthrene	**0.13 J**	**0.22**	**ug/L**	**0.061**
Phenol	ND	0.22	ug/L	0.024
Pyrene	ND	0.22	ug/L	0.062
2,4,5-Trichlorophenol	ND	1.1	ug/L	0.069
2,4,6-Trichlorophenol	ND	1.1	ug/L	0.062

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Tetra Tech NUS, Inc

Client Sample ID: FMC 18

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-008 **Work Order #...:** KAE1K1AM **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(23 - 112)
Terphenyl-d14	49	(10 - 132)
2-Fluorobiphenyl	74	(19 - 107)
2-Fluorophenol	67	(10 - 111)
Phenol-d5	73	(15 - 112)
2,4,6-Tribromophenol	81	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 20

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-009	**Work Order #...:**	KAE1P1AM	**Matrix.....:**	WATER
Date Sampled...:	10/31/07 11:00	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7311210
Prep Date.....:	11/07/07	**Analysis Date..:**	11/22/07		
Prep Batch #...:	7311333	**Analysis Time..:**	11:10		
Dilution Factor:	0.99	**Initial Wgt/Vol:**	1010 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.052
Acenaphthylene	ND	0.20	ug/L	0.046
Acetophenone	ND	0.99	ug/L	0.046
Anthracene	ND	0.20	ug/L	0.050
Atrazine	ND	0.99	ug/L	0.039
Benzo(a)anthracene	ND	0.20	ug/L	0.041
Benzo(a)pyrene	ND	0.20	ug/L	0.043
Benzo(b)fluoranthene	ND	0.20	ug/L	0.031
Benzo(ghi)perylene	ND	0.20	ug/L	0.027
Benzo(k)fluoranthene	ND	0.20	ug/L	0.039
Benzaldehyde	ND	0.99	ug/L	0.054
1,1'-Biphenyl	ND	0.99	ug/L	0.060
bis(2-Chloroethoxy) methane	ND	0.99	ug/L	0.12
bis(2-Chloroethyl)-ether	ND	0.20	ug/L	0.046
bis(2-Ethylhexyl) phthalate	ND	0.99	ug/L	0.12
4-Bromophenyl phenyl ether	ND	0.99	ug/L	0.049
Butyl benzyl phthalate	ND	0.99	ug/L	0.14
Caprolactam	ND	0.99	ug/L	0.19
Carbazole	ND	0.20	ug/L	0.052
4-Chloroaniline	ND	0.99	ug/L	0.046
4-Chloro-3-methylphenol	ND	0.99	ug/L	0.058
2-Chloronaphthalene	ND	0.20	ug/L	0.044
2-Chlorophenol	ND	0.99	ug/L	0.045
4-Chlorophenyl phenyl ether	ND	0.99	ug/L	0.042
Chrysene	ND	0.20	ug/L	0.035
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.034
Dibenzofuran	ND	0.99	ug/L	0.053
3,3'-Dichlorobenzidine	ND	0.99	ug/L	0.041
2,4-Dichlorophenol	ND	0.20	ug/L	0.048
Diethyl phthalate	ND	0.99	ug/L	0.24
2,4-Dimethylphenol	ND	0.99	ug/L	0.051
Dimethyl phthalate	ND	0.99	ug/L	0.042

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Tetra Tech NUS, Inc

Client Sample ID: FMC 20

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-009 **Work Order #...:** KAE1P1AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	0.99	ug/L	0.046
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	1.4
2,4-Dinitrophenol	ND	5.0	ug/L	1.3
2,4-Dinitrotoluene	ND	0.99	ug/L	0.045
2,6-Dinitrotoluene	ND	0.99	ug/L	0.050
Di-n-octyl phthalate	ND	0.99	ug/L	0.042
Fluoranthene	ND	0.20	ug/L	0.049
Fluorene	ND	0.20	ug/L	0.054
Hexachlorobenzene	ND	0.20	ug/L	0.043
Hexachlorobutadiene	ND	0.20	ug/L	0.037
Hexachlorocyclopentadiene	ND	0.99	ug/L	0.079
Hexachloroethane	ND	0.99	ug/L	0.043
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.047
Isophorone	ND	0.99	ug/L	0.047
2-Methylnaphthalene	ND	0.20	ug/L	0.046
2-Methylphenol	ND	0.99	ug/L	0.051
4-Methylphenol	ND	0.99	ug/L	0.073
Naphthalene	ND	0.20	ug/L	0.043
2-Nitroaniline	ND	5.0	ug/L	0.047
3-Nitroaniline	ND	5.0	ug/L	0.040
4-Nitroaniline	ND	5.0	ug/L	0.025
Nitrobenzene	ND	0.20	ug/L	0.063
2-Nitrophenol	ND	0.99	ug/L	0.053
4-Nitrophenol	ND	5.0	ug/L	0.069
N-Nitrosodi-n-propylamine	ND	0.20	ug/L	0.059
N-Nitrosodiphenylamine	ND	0.20	ug/L	0.048
2,2'-oxybis(1-Chloropropane)	ND	0.20	ug/L	0.026
Pentachlorophenol	ND	0.99	ug/L	0.082
Phenanthrene	**0.084 J**	**0.20**	**ug/L**	**0.054**
Phenol	ND	0.20	ug/L	0.022
Pyrene	ND	0.20	ug/L	0.056
2,4,5-Trichlorophenol	ND	0.99	ug/L	0.062
2,4,6-Trichlorophenol	ND	0.99	ug/L	0.056

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Tetra Tech NUS, Inc

Client Sample ID: FMC 20

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-009 Work Order #...: KAE1P1AM Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(23 - 112)
Terphenyl-d14	50	(10 - 132)
2-Fluorobiphenyl	61	(19 - 107)
2-Fluorophenol	58	(10 - 111)
Phenol-d5	63	(15 - 112)
2,4,6-Tribromophenol	73	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 22

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-010	**Work Order #...:**	KAE1R1AM	**Matrix.....:**	WATER
Date Sampled...:	10/31/07 13:35	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7311210
Prep Date.....:	11/07/07	**Analysis Date..:**	11/22/07		
Prep Batch #...:	7311333	**Analysis Time..:**	11:38		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.19	ug/L	0.050
Acenaphthylene	ND	0.19	ug/L	0.044
Acetophenone	ND	0.96	ug/L	0.044
Anthracene	ND	0.19	ug/L	0.049
Atrazine	ND	0.96	ug/L	0.037
Benzo(a)anthracene	**0.095 J**	**0.19**	**ug/L**	**0.039**
Benzo(a)pyrene	**0.15 J**	**0.19**	**ug/L**	**0.042**
Benzo(b)fluoranthene	**0.11 J**	**0.19**	**ug/L**	**0.030**
Benzo(ghi)perylene	**0.26**	**0.19**	**ug/L**	**0.026**
Benzo(k)fluoranthene	**0.20**	**0.19**	**ug/L**	**0.038**
Benzaldehyde	ND	0.96	ug/L	0.052
1,1'-Biphenyl	ND	0.96	ug/L	0.058
bis(2-Chloroethoxy) methane	ND	0.96	ug/L	0.12
bis(2-Chloroethyl)-ether	ND	0.19	ug/L	0.044
bis(2-Ethylhexyl) phthalate	ND	0.96	ug/L	0.11
4-Bromophenyl phenyl ether	ND	0.96	ug/L	0.048
Butyl benzyl phthalate	ND	0.96	ug/L	0.13
Caprolactam	ND	0.96	ug/L	0.18
Carbazole	ND	0.19	ug/L	0.050
4-Chloroaniline	ND	0.96	ug/L	0.044
4-Chloro-3-methylphenol	ND	0.96	ug/L	0.057
2-Chloronaphthalene	ND	0.19	ug/L	0.042
2-Chlorophenol	ND	0.96	ug/L	0.044
4-Chlorophenyl phenyl ether	ND	0.96	ug/L	0.041
Chrysene	**0.16 J**	**0.19**	**ug/L**	**0.034**
Dibenz(a,h)anthracene	**0.27**	**0.19**	**ug/L**	**0.033**
Dibenzofuran	ND	0.96	ug/L	0.051
3,3'-Dichlorobenzidine	ND	0.96	ug/L	0.039
2,4-Dichlorophenol	ND	0.19	ug/L	0.047
Diethyl phthalate	ND	0.96	ug/L	0.23
2,4-Dimethylphenol	ND	0.96	ug/L	0.050
Dimethyl phthalate	ND	0.96	ug/L	0.041

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Tetra Tech NUS, Inc

Client Sample ID: FMC 22

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-010 Work Order #...: KAE1R1AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	0.96	ug/L	0.045
4,6-Dinitro-2-methylphenol	ND	4.8	ug/L	1.4
2,4-Dinitrophenol	ND	4.8	ug/L	1.2
2,4-Dinitrotoluene	ND	0.96	ug/L	0.043
2,6-Dinitrotoluene	ND	0.96	ug/L	0.049
Di-n-octyl phthalate	ND	0.96	ug/L	0.041
Fluoranthene	ND	0.19	ug/L	0.048
Fluorene	ND	0.19	ug/L	0.052
Hexachlorobenzene	ND	0.19	ug/L	0.042
Hexachlorobutadiene	ND	0.19	ug/L	0.036
Hexachlorocyclopentadiene	ND	0.96	ug/L	0.077
Hexachloroethane	ND	0.96	ug/L	0.042
Indeno(1,2,3-cd)pyrene	**0.22**	**0.19**	**ug/L**	**0.046**
Isophorone	ND	0.96	ug/L	0.045
2-Methylnaphthalene	ND	0.19	ug/L	0.045
2-Methylphenol	ND	0.96	ug/L	0.049
4-Methylphenol	ND	0.96	ug/L	0.071
Naphthalene	ND	0.19	ug/L	0.041
2-Nitroaniline	ND	4.8	ug/L	0.046
3-Nitroaniline	ND	4.8	ug/L	0.039
4-Nitroaniline	ND	4.8	ug/L	0.024
Nitrobenzene	ND	0.19	ug/L	0.061
2-Nitrophenol	ND	0.96	ug/L	0.052
4-Nitrophenol	ND	4.8	ug/L	0.067
N-Nitrosodi-n-propylamine	ND	0.19	ug/L	0.057
N-Nitrosodiphenylamine	ND	0.19	ug/L	0.047
2,2'-oxybis(1-Chloropropane)	ND	0.19	ug/L	0.025
Pentachlorophenol	ND	0.96	ug/L	0.080
Phenanthrene	ND	0.19	ug/L	0.053
Phenol	ND	0.19	ug/L	0.021
Pyrene	ND	0.19	ug/L	0.054
2,4,5-Trichlorophenol	ND	0.96	ug/L	0.060
2,4,6-Trichlorophenol	ND	0.96	ug/L	0.055

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Tetra Tech NUS, Inc

Client Sample ID: FMC 22

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-010 Work Order #...: KAE1R1AM Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(23 - 112)
Terphenyl-d14	39	(10 - 132)
2-Fluorobiphenyl	53	(19 - 107)
2-Fluorophenol	50	(10 - 111)
Phenol-d5	54	(15 - 112)
2,4,6-Tribromophenol	59	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 3

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-011	**Work Order #...:**	KAE101AM	**Matrix.....:**	WATER
Date Sampled...:	10/31/07 14:25	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7311210
Prep Date.....:	11/07/07	**Analysis Date..:**	11/22/07		
Prep Batch #...:	7311333	**Analysis Time..:**	12:07		
Dilution Factor:	0.98	**Initial Wgt/Vol:**	1020 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.20	ug/L	0.051
Acenaphthylene	ND	0.20	ug/L	0.045
Acetophenone	ND	0.98	ug/L	0.045
Anthracene	ND	0.20	ug/L	0.050
Atrazine	ND	0.98	ug/L	0.038
Benzo(a)anthracene	ND	0.20	ug/L	0.040
Benzo(a)pyrene	ND	0.20	ug/L	0.043
Benzo(b)fluoranthene	ND	0.20	ug/L	0.031
Benzo(ghi)perylene	ND	0.20	ug/L	0.027
Benzo(k)fluoranthene	ND	0.20	ug/L	0.039
Benzaldehyde	ND	0.98	ug/L	0.053
1,1'-Biphenyl	ND	0.98	ug/L	0.059
bis(2-Chloroethoxy) methane	ND	0.98	ug/L	0.12
bis(2-Chloroethyl)-ether	ND	0.20	ug/L	0.045
bis(2-Ethylhexyl) phthalate	**0.23 J**	**0.98**	**ug/L**	**0.12**
4-Bromophenyl phenyl ether	ND	0.98	ug/L	0.049
Butyl benzyl phthalate	ND	0.98	ug/L	0.14
Caprolactam	ND	0.98	ug/L	0.18
Carbazole	ND	0.20	ug/L	0.051
4-Chloroaniline	ND	0.98	ug/L	0.045
4-Chloro-3-methylphenol	ND	0.98	ug/L	0.058
2-Chloronaphthalene	ND	0.20	ug/L	0.043
2-Chlorophenol	ND	0.98	ug/L	0.044
4-Chlorophenyl phenyl ether	ND	0.98	ug/L	0.042
Chrysene	ND	0.20	ug/L	0.035
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.034
Dibenzofuran	ND	0.98	ug/L	0.052
3,3'-Dichlorobenzidine	ND	0.98	ug/L	0.040
2,4-Dichlorophenol	ND	0.20	ug/L	0.048
Diethyl phthalate	ND	0.98	ug/L	0.24
2,4-Dimethylphenol	ND	0.98	ug/L	0.051
Dimethyl phthalate	ND	0.98	ug/L	0.041

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Tetra Tech NUS, Inc

Client Sample ID: FMC 3

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-011 **Work Order #...:** KAE101AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	0.98	ug/L	0.045
4,6-Dinitro-2-methylphenol	ND	4.9	ug/L	1.4
2,4-Dinitrophenol	ND	4.9	ug/L	1.3
2,4-Dinitrotoluene	ND	0.98	ug/L	0.044
2,6-Dinitrotoluene	ND	0.98	ug/L	0.050
Di-n-octyl phthalate	ND	0.98	ug/L	0.042
Fluoranthene	ND	0.20	ug/L	0.048
Fluorene	ND	0.20	ug/L	0.053
Hexachlorobenzene	ND	0.20	ug/L	0.043
Hexachlorobutadiene	ND	0.20	ug/L	0.037
Hexachlorocyclopentadiene	ND	0.98	ug/L	0.078
Hexachloroethane	ND	0.98	ug/L	0.043
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.047
Isophorone	ND	0.98	ug/L	0.046
2-Methylnaphthalene	ND	0.20	ug/L	0.046
2-Methylphenol	ND	0.98	ug/L	0.050
4-Methylphenol	ND	0.98	ug/L	0.072
Naphthalene	ND	0.20	ug/L	0.042
2-Nitroaniline	ND	4.9	ug/L	0.047
3-Nitroaniline	ND	4.9	ug/L	0.039
4-Nitroaniline	ND	4.9	ug/L	0.025
Nitrobenzene	ND	0.20	ug/L	0.063
2-Nitrophenol	ND	0.98	ug/L	0.053
4-Nitrophenol	ND	4.9	ug/L	0.069
N-Nitrosodi-n-propylamine	ND	0.20	ug/L	0.058
N-Nitrosodiphenylamine	ND	0.20	ug/L	0.048
2,2'-oxybis(1-Chloropropane)	ND	0.20	ug/L	0.025
Pentachlorophenol	ND	0.98	ug/L	0.081
Phenanthrene	**0.069 J**	**0.20**	**ug/L**	**0.054**
Phenol	ND	0.20	ug/L	0.022
Pyrene	ND	0.20	ug/L	0.055
2,4,5-Trichlorophenol	ND	0.98	ug/L	0.061
2,4,6-Trichlorophenol	ND	0.98	ug/L	0.056

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Tetra Tech NUS, Inc

Client Sample ID: FMC 3

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-011 **Work Order #...:** KAE101AM **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(23 - 112)
Terphenyl-d14	43	(10 - 132)
2-Fluorobiphenyl	60	(19 - 107)
2-Fluorophenol	54	(10 - 111)
Phenol-d5	60	(15 - 112)
2,4,6-Tribromophenol	69	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 5

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-012	**Work Order #...:**	KAE151AM	**Matrix.....:**	WATER
Date Sampled...:	10/31/07 15:10	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7311210
Prep Date.....:	11/07/07	**Analysis Date..:**	11/22/07		
Prep Batch #...:	7311333	**Analysis Time..:**	12:35		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.19	ug/L	0.050
Acenaphthylene	ND	0.19	ug/L	0.044
Acetophenone	ND	0.96	ug/L	0.044
Anthracene	ND	0.19	ug/L	0.049
Atrazine	ND	0.96	ug/L	0.037
Benzo(a)anthracene	ND	0.19	ug/L	0.039
Benzo(a)pyrene	ND	0.19	ug/L	0.042
Benzo(b)fluoranthene	ND	0.19	ug/L	0.030
Benzo(ghi)perylene	ND	0.19	ug/L	0.026
Benzo(k)fluoranthene	ND	0.19	ug/L	0.038
Benzaldehyde	ND	0.96	ug/L	0.052
1,1'-Biphenyl	ND	0.96	ug/L	0.058
bis(2-Chloroethoxy) methane	ND	0.96	ug/L	0.12
bis(2-Chloroethyl)-ether	ND	0.19	ug/L	0.044
bis(2-Ethylhexyl) phthalate	ND	0.96	ug/L	0.11
4-Bromophenyl phenyl ether	ND	0.96	ug/L	0.048
Butyl benzyl phthalate	ND	0.96	ug/L	0.13
Caprolactam	ND	0.96	ug/L	0.18
Carbazole	ND	0.19	ug/L	0.050
4-Chloroaniline	ND	0.96	ug/L	0.044
4-Chloro-3-methylphenol	ND	0.96	ug/L	0.057
2-Chloronaphthalene	ND	0.19	ug/L	0.042
2-Chlorophenol	ND	0.96	ug/L	0.044
4-Chlorophenyl phenyl ether	ND	0.96	ug/L	0.041
Chrysene	ND	0.19	ug/L	0.034
Dibenz(a,h)anthracene	ND	0.19	ug/L	0.033
Dibenzofuran	ND	0.96	ug/L	0.051
3,3'-Dichlorobenzidine	ND	0.96	ug/L	0.039
2,4-Dichlorophenol	ND	0.19	ug/L	0.047
Diethyl phthalate	ND	0.96	ug/L	0.23
2,4-Dimethylphenol	ND	0.96	ug/L	0.050
Dimethyl phthalate	ND	0.96	ug/L	0.041

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Tetra Tech NUS, Inc

Client Sample ID: FMC 5

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-012 **Work Order #...:** KAE151AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	0.96	ug/L	0.045
4,6-Dinitro-2-methylphenol	ND	4.8	ug/L	1.4
2,4-Dinitrophenol	ND	4.8	ug/L	1.2
2,4-Dinitrotoluene	ND	0.96	ug/L	0.043
2,6-Dinitrotoluene	ND	0.96	ug/L	0.049
Di-n-octyl phthalate	ND	0.96	ug/L	0.041
Fluoranthene	ND	0.19	ug/L	0.048
Fluorene	ND	0.19	ug/L	0.052
Hexachlorobenzene	ND	0.19	ug/L	0.042
Hexachlorobutadiene	ND	0.19	ug/L	0.036
Hexachlorocyclopentadiene	ND	0.96	ug/L	0.077
Hexachloroethane	ND	0.96	ug/L	0.042
Indeno(1,2,3-cd)pyrene	ND	0.19	ug/L	0.046
Isophorone	ND	0.96	ug/L	0.045
2-Methylnaphthalene	ND	0.19	ug/L	0.045
2-Methylphenol	ND	0.96	ug/L	0.049
4-Methylphenol	ND	0.96	ug/L	0.071
Naphthalene	ND	0.19	ug/L	0.041
2-Nitroaniline	ND	4.8	ug/L	0.046
3-Nitroaniline	ND	4.8	ug/L	0.039
4-Nitroaniline	ND	4.8	ug/L	0.024
Nitrobenzene	ND	0.19	ug/L	0.061
2-Nitrophenol	ND	0.96	ug/L	0.052
4-Nitrophenol	ND	4.8	ug/L	0.067
N-Nitrosodi-n-propylamine	ND	0.19	ug/L	0.057
N-Nitrosodiphenylamine	ND	0.19	ug/L	0.047
2,2'-oxybis(1-Chloropropane)	ND	0.19	ug/L	0.025
Pentachlorophenol	ND	0.96	ug/L	0.080
Phenanthrene	**0.088 J**	**0.19**	**ug/L**	**0.053**
Phenol	ND	0.19	ug/L	0.021
Pyrene	ND	0.19	ug/L	0.054
2,4,5-Trichlorophenol	ND	0.96	ug/L	0.060
2,4,6-Trichlorophenol	ND	0.96	ug/L	0.055

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Tetra Tech NUS, Inc

Client Sample ID: FMC 5

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-012 **Work Order #...:** KAE151AM **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(23 - 112)
Terphenyl-d14	47	(10 - 132)
2-Fluorobiphenyl	68	(19 - 107)
2-Fluorophenol	63	(10 - 111)
Phenol-d5	69	(15 - 112)
2,4,6-Tribromophenol	77	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 7

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-013	**Work Order #...:**	KAE191AM	**Matrix.....:**	WATER
Date Sampled...:	10/31/07 16:00	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7311210
Prep Date.....:	11/07/07	**Analysis Date..:**	11/22/07		
Prep Batch #...:	7311333	**Analysis Time..:**	13:03		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.19	ug/L	0.051
Acenaphthylene	ND	0.19	ug/L	0.045
Acetophenone	ND	0.97	ug/L	0.045
Anthracene	ND	0.19	ug/L	0.049
Atrazine	ND	0.97	ug/L	0.038
Benzo(a)anthracene	ND	0.19	ug/L	0.040
Benzo(a)pyrene	ND	0.19	ug/L	0.042
Benzo(b)fluoranthene	ND	0.19	ug/L	0.030
Benzo(ghi)perylene	ND	0.19	ug/L	0.027
Benzo(k)fluoranthene	ND	0.19	ug/L	0.038
Benzaldehyde	ND	0.97	ug/L	0.052
1,1'-Biphenyl	ND	0.97	ug/L	0.058
bis(2-Chloroethoxy) methane	ND	0.97	ug/L	0.12
bis(2-Chloroethyl)-ether	ND	0.19	ug/L	0.045
bis(2-Ethylhexyl) phthalate	ND	0.97	ug/L	0.12
4-Bromophenyl phenyl ether	ND	0.97	ug/L	0.048
Butyl benzyl phthalate	ND	0.97	ug/L	0.13
Caprolactam	ND	0.97	ug/L	0.18
Carbazole	ND	0.19	ug/L	0.051
4-Chloroaniline	ND	0.97	ug/L	0.045
4-Chloro-3-methylphenol	ND	0.97	ug/L	0.057
2-Chloronaphthalene	ND	0.19	ug/L	0.043
2-Chlorophenol	ND	0.97	ug/L	0.044
4-Chlorophenyl phenyl ether	ND	0.97	ug/L	0.041
Chrysene	ND	0.19	ug/L	0.034
Dibenz(a,h)anthracene	ND	0.19	ug/L	0.034
Dibenzofuran	ND	0.97	ug/L	0.052
3,3'-Dichlorobenzidine	ND	0.97	ug/L	0.040
2,4-Dichlorophenol	ND	0.19	ug/L	0.047
Diethyl phthalate	ND	0.97	ug/L	0.24
2,4-Dimethylphenol	ND	0.97	ug/L	0.050
Dimethyl phthalate	ND	0.97	ug/L	0.041

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Tetra Tech NUS, Inc

Client Sample ID: FMC 7

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-013 Work Order #...: KAE191AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	0.97	ug/L	0.045
4,6-Dinitro-2-methylphenol	ND	4.8	ug/L	1.4
2,4-Dinitrophenol	ND	4.8	ug/L	1.2
2,4-Dinitrotoluene	ND	0.97	ug/L	0.044
2,6-Dinitrotoluene	ND	0.97	ug/L	0.049
Di-n-octyl phthalate	ND	0.97	ug/L	0.041
Fluoranthene	ND	0.19	ug/L	0.048
Fluorene	ND	0.19	ug/L	0.053
Hexachlorobenzene	ND	0.19	ug/L	0.042
Hexachlorobutadiene	ND	0.19	ug/L	0.036
Hexachlorocyclopentadiene	ND	0.97	ug/L	0.078
Hexachloroethane	ND	0.97	ug/L	0.042
Indeno(1,2,3-cd)pyrene	ND	0.19	ug/L	0.046
Isophorone	ND	0.97	ug/L	0.046
2-Methylnaphthalene	ND	0.19	ug/L	0.045
2-Methylphenol	ND	0.97	ug/L	0.050
4-Methylphenol	ND	0.97	ug/L	0.071
Naphthalene	ND	0.19	ug/L	0.042
2-Nitroaniline	ND	4.8	ug/L	0.046
3-Nitroaniline	ND	4.8	ug/L	0.039
4-Nitroaniline	ND	4.8	ug/L	0.025
Nitrobenzene	ND	0.19	ug/L	0.062
2-Nitrophenol	ND	0.97	ug/L	0.052
4-Nitrophenol	ND	4.8	ug/L	0.068
N-Nitrosodi-n-propylamine	ND	0.19	ug/L	0.058
N-Nitrosodiphenylamine	ND	0.19	ug/L	0.047
2,2'-oxybis(1-Chloropropane)	ND	0.19	ug/L	0.025
Pentachlorophenol	ND	0.97	ug/L	0.081
Phenanthrene	ND	0.19	ug/L	0.053
Phenol	ND	0.19	ug/L	0.021
Pyrene	ND	0.19	ug/L	0.055
2,4,5-Trichlorophenol	ND	0.97	ug/L	0.061
2,4,6-Trichlorophenol	ND	0.97	ug/L	0.055

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Tetra Tech NUS, Inc

Client Sample ID: PMC 7

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-013 **Work Order #...:** KAE191AM **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(23 - 112)
Terphenyl-d14	52	(10 - 132)
2-Fluorobiphenyl	62	(19 - 107)
2-Fluorophenol	58	(10 - 111)
Phenol-d5	64	(15 - 112)
2,4,6-Tribromophenol	74	(16 - 122)

Tetra Tech NUS, Inc

Client Sample ID: FMC 25

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-014	**Work Order #...:**	KAE2E1AM	**Matrix.....:**	WATER
Date Sampled...:	11/01/07 12:20	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	7311210
Prep Date.....:	11/07/07	**Analysis Date..:**	11/22/07		
Prep Batch #...:	7311333	**Analysis Time..:**	13:31		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.19	ug/L	0.050
Acenaphthylene	ND	0.19	ug/L	0.044
Acetophenone	ND	0.96	ug/L	0.044
Anthracene	ND	0.19	ug/L	0.049
Atrazine	ND	0.96	ug/L	0.037
Benzo(a)anthracene	ND	0.19	ug/L	0.039
Benzo(a)pyrene	ND	0.19	ug/L	0.042
Benzo(b)fluoranthene	ND	0.19	ug/L	0.030
Benzo(ghi)perylene	ND	0.19	ug/L	0.026
Benzo(k)fluoranthene	ND	0.19	ug/L	0.038
Benzaldehyde	ND	0.96	ug/L	0.052
1,1'-Biphenyl	ND	0.96	ug/L	0.058
bis(2-Chloroethoxy) methane	ND	0.96	ug/L	0.12
bis(2-Chloroethyl)-ether	ND	0.19	ug/L	0.044
bis(2-Ethylhexyl) phthalate	ND	0.96	ug/L	0.11
4-Bromophenyl phenyl ether	ND	0.96	ug/L	0.048
Butyl benzyl phthalate	**0.15 J**	**0.96**	**ug/L**	**0.13**
Caprolactam	ND	0.96	ug/L	0.18
Carbazole	ND	0.19	ug/L	0.050
4-Chloroaniline	ND	0.96	ug/L	0.044
4-Chloro-3-methylphenol	ND	0.96	ug/L	0.057
2-Chloronaphthalene	ND	0.19	ug/L	0.042
2-Chlorophenol	ND	0.96	ug/L	0.044
4-Chlorophenyl phenyl ether	ND	0.96	ug/L	0.041
Chrysene	ND	0.19	ug/L	0.034
Dibenz(a,h)anthracene	ND	0.19	ug/L	0.033
Dibenzofuran	ND	0.96	ug/L	0.051
3,3'-Dichlorobenzidine	ND	0.96	ug/L	0.039
2,4-Dichlorophenol	ND	0.19	ug/L	0.047
Diethyl phthalate	**0.38 J**	**0.96**	**ug/L**	**0.23**
2,4-Dimethylphenol	ND	0.96	ug/L	0.050
Dimethyl phthalate	ND	0.96	ug/L	0.041

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Tetra Tech NUS, Inc

Client Sample ID: FMC 25

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-014 Work Order #...: KAE2E1AM Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	0.96	ug/L	0.045
4,6-Dinitro-2-methylphenol	ND	4.8	ug/L	1.4
2,4-Dinitrophenol	ND	4.8	ug/L	1.2
2,4-Dinitrotoluene	ND	0.96	ug/L	0.043
2,6-Dinitrotoluene	ND	0.96	ug/L	0.049
Di-n-octyl phthalate	ND	0.96	ug/L	0.041
Fluoranthene	ND	0.19	ug/L	0.048
Fluorene	ND	0.19	ug/L	0.052
Hexachlorobenzene	ND	0.19	ug/L	0.042
Hexachlorobutadiene	ND	0.19	ug/L	0.036
Hexachlorocyclopentadiene	ND	0.96	ug/L	0.077
Hexachloroethane	ND	0.96	ug/L	0.042
Indeno(1,2,3-cd)pyrene	ND	0.19	ug/L	0.046
Isophorone	ND	0.96	ug/L	0.045
2-Methylnaphthalene	ND	0.19	ug/L	0.045
2-Methylphenol	ND	0.96	ug/L	0.049
4-Methylphenol	ND	0.96	ug/L	0.071
Naphthalene	ND	0.19	ug/L	0.041
2-Nitroaniline	ND	4.8	ug/L	0.046
3-Nitroaniline	ND	4.8	ug/L	0.039
4-Nitroaniline	ND	4.8	ug/L	0.024
Nitrobenzene	ND	0.19	ug/L	0.061
2-Nitrophenol	ND	0.96	ug/L	0.052
4-Nitrophenol	ND	4.8	ug/L	0.067
N-Nitrosodi-n-propylamine	ND	0.19	ug/L	0.057
N-Nitrosodiphenylamine	ND	0.19	ug/L	0.047
2,2'-oxybis(1-Chloropropane)	ND	0.19	ug/L	0.025
Pentachlorophenol	ND	0.96	ug/L	0.080
Phenanthrene	**0.078 J**	**0.19**	**ug/L**	**0.053**
Phenol	ND	0.19	ug/L	0.021
Pyrene	ND	0.19	ug/L	0.054
2,4,5-Trichlorophenol	ND	0.96	ug/L	0.060
2,4,6-Trichlorophenol	ND	0.96	ug/L	0.055

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Tetra Tech NUS, Inc

Client Sample ID: FMC 25

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-014 **Work Order #...:** KAE2E1AM **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(23 - 112)
Terphenyl-d14	59	(10 - 132)
2-Fluorobiphenyl	61	(19 - 107)
2-Fluorophenol	58	(10 - 111)
Phenol-d5	65	(15 - 112)
2,4,6-Tribromophenol	78	(16 - 122)

NOTE(S):

J Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 26

GC/MS Semivolatiles

Lot-Sample #...:	C7K020216-015	**Work Order #...:**	KAE2J1AM	**Matrix.....:**	WATER
Date Sampled...:	11/01/07 21:50	**Date Received..:**	11/02/07 09:20	**MS Run #.....:**	
Prep Date.....:	11/08/07	**Analysis Date..:**	11/27/07		
Prep Batch #...:	7312225	**Analysis Time..:**	04:55		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	1 mL
Analyst ID.....:	003200	**Instrument ID..:**	733		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.19	ug/L	0.050
Acenaphthylene	ND	0.19	ug/L	0.044
Acetophenone	ND	0.96	ug/L	0.044
Anthracene	ND	0.19	ug/L	0.049
Atrazine	ND	0.96	ug/L	0.037
Benzo(a)anthracene	ND	0.19	ug/L	0.039
Benzo(a)pyrene	ND	0.19	ug/L	0.042
Benzo(b)fluoranthene	ND	0.19	ug/L	0.030
Benzo(ghi)perylene	ND	0.19	ug/L	0.026
Benzo(k)fluoranthene	ND	0.19	ug/L	0.038
Benzaldehyde	ND	0.96	ug/L	0.052
1,1'-Biphenyl	ND	0.96	ug/L	0.058
bis(2-Chloroethoxy) methane	ND	0.96	ug/L	0.12
bis(2-Chloroethyl)-ether	ND	0.19	ug/L	0.044
bis(2-Ethylhexyl) phthalate	ND	0.96	ug/L	0.11
4-Bromophenyl phenyl ether	ND	0.96	ug/L	0.048
Butyl benzyl phthalate	ND	0.96	ug/L	0.13
Caprolactam	ND	0.96	ug/L	0.18
Carbazole	ND	0.19	ug/L	0.050
4-Chloroaniline	ND	0.96	ug/L	0.044
4-Chloro-3-methylphenol	ND	0.96	ug/L	0.057
2-Chloronaphthalene	ND	0.19	ug/L	0.042
2-Chlorophenol	ND	0.96	ug/L	0.044
4-Chlorophenyl phenyl ether	ND	0.96	ug/L	0.041
Chrysene	ND	0.19	ug/L	0.034
Dibenz(a,h)anthracene	ND	0.19	ug/L	0.033
Dibenzofuran	ND	0.96	ug/L	0.051
3,3'-Dichlorobenzidine	ND	0.96	ug/L	0.039
2,4-Dichlorophenol	ND	0.19	ug/L	0.047
Diethyl phthalate	ND	0.96	ug/L	0.23
2,4-Dimethylphenol	ND	0.96	ug/L	0.050
Dimethyl phthalate	ND	0.96	ug/L	0.041

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Tetra Tech NUS, Inc

Client Sample ID: FMC 26

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-015 **Work Order #...:** KAE2J1AM **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	0.96	ug/L	0.045
4,6-Dinitro-2-methylphenol	ND	4.8	ug/L	1.4
2,4-Dinitrophenol	ND	4.8	ug/L	1.2
2,4-Dinitrotoluene	ND	0.96	ug/L	0.043
2,6-Dinitrotoluene	ND	0.96	ug/L	0.049
Di-n-octyl phthalate	ND	0.96	ug/L	0.041
Fluoranthene	ND	0.19	ug/L	0.048
Fluorene	ND	0.19	ug/L	0.052
Hexachlorobenzene	ND	0.19	ug/L	0.042
Hexachlorobutadiene	ND	0.19	ug/L	0.036
Hexachlorocyclopentadiene	ND	0.96	ug/L	0.077
Hexachloroethane	ND	0.96	ug/L	0.042
Indeno(1,2,3-cd)pyrene	ND	0.19	ug/L	0.046
Isophorone	ND	0.96	ug/L	0.045
2-Methylnaphthalene	ND	0.19	ug/L	0.045
2-Methylphenol	ND	0.96	ug/L	0.049
4-Methylphenol	ND	0.96	ug/L	0.071
Naphthalene	ND	0.19	ug/L	0.041
2-Nitroaniline	ND	4.8	ug/L	0.046
3-Nitroaniline	ND	4.8	ug/L	0.039
4-Nitroaniline	ND	4.8	ug/L	0.024
Nitrobenzene	ND	0.19	ug/L	0.061
2-Nitrophenol	ND	0.96	ug/L	0.052
4-Nitrophenol	ND	4.8	ug/L	0.067
N-Nitrosodi-n-propylamine	ND	0.19	ug/L	0.057
N-Nitrosodiphenylamine	ND	0.19	ug/L	0.047
2,2'-oxybis(1-Chloropropane)	ND	0.19	ug/L	0.025
Pentachlorophenol	ND	0.96	ug/L	0.080
Phenanthrene	ND	0.19	ug/L	0.053
Phenol	ND	0.19	ug/L	0.021
Pyrene	ND	0.19	ug/L	0.054
2,4,5-Trichlorophenol	ND	0.96	ug/L	0.060
2,4,6-Trichlorophenol	ND	0.96	ug/L	0.055

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Tetra Tech NUS, Inc

Client Sample ID: FMC 26

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-015 **Work Order #...:** KAE2J1AM **Matrix.....:** WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(23 - 112)
Terphenyl-d14	63	(10 - 132)
2-Fluorobiphenyl	68	(19 - 107)
2-Fluorophenol	69	(10 - 111)
Phenol-d5	75	(15 - 112)
2,4,6-Tribromophenol	72	(16 - 122)

PCB SUMMARY

Tetra Tech NUS, Inc

Client Sample ID: FMC 24

GC Semivolatiles

Lot-Sample #...: C7K020216-001	**Work Order #...:** KAEX31AA	**Matrix.....:** WATER
Date Sampled...: 10/30/07	**Date Received..:** 11/02/07	**MS Run #.....:**
Prep Date.....: 11/03/07	**Analysis Date..:** 11/16/07	
Prep Batch #...: 7307199	**Analysis Time..:** 15:39	
Dilution Factor: 1.01	**Initial Wgt/Vol:** 990 mL	**Final Wgt/Vol..:** 40 mL
Analyst ID.....: 402331	**Instrument ID..:** S/T	
	Method.....: SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.40	ug/L	0.10
Aroclor 1221	ND	0.40	ug/L	0.10
Aroclor 1232	ND	0.40	ug/L	0.12
Aroclor 1242	ND	0.40	ug/L	0.075
Aroclor 1248	ND	0.40	ug/L	0.092
Aroclor 1254	ND	0.40	ug/L	0.092
Aroclor 1260	ND	0.40	ug/L	0.055

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(45 - 120)
Decachlorobiphenyl	82	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 9

GC Semivolatiles

Lot-Sample #...: C7K020216-002	**Work Order #...:** KAE051AL	**Matrix.....:** WATER
Date Sampled...: 10/30/07	**Date Received..:** 11/02/07	**MS Run #.....:**
Prep Date.....: 11/03/07	**Analysis Date..:** 11/16/07	
Prep Batch #...: 7307199	**Analysis Time..:** 16:02	
Dilution Factor: 1.01	**Initial Wgt/Vol:** 990 mL	**Final Wgt/Vol..:** 40 mL
Analyst ID.....: 402331	**Instrument ID..:** S/T	
	Method.....: SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.40	ug/L	0.10
Aroclor 1221	ND	0.40	ug/L	0.10
Aroclor 1232	ND	0.40	ug/L	0.12
Aroclor 1242	ND	0.40	ug/L	0.075
Aroclor 1248	ND	0.40	ug/L	0.092
Aroclor 1254	ND	0.40	ug/L	0.092
Aroclor 1260	ND	0.40	ug/L	0.055

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(45 - 120)
Decachlorobiphenyl	77	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 10

GC Semivolatiles

Lot-Sample #...:	C7K020216-003	**Work Order #...:**	KAE071AL	**Matrix.....:**	WATER
Date Sampled...:	10/30/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/16/07		
Prep Batch #...:	7307199	**Analysis Time..:**	16:25		
Dilution Factor:	1.05	**Initial Wgt/Vol:**	950 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.42	ug/L	0.11
Aroclor 1221	ND	0.42	ug/L	0.10
Aroclor 1232	ND	0.42	ug/L	0.12
Aroclor 1242	ND	0.42	ug/L	0.078
Aroclor 1248	ND	0.42	ug/L	0.095
Aroclor 1254	ND	0.42	ug/L	0.096
Aroclor 1260	ND	0.42	ug/L	0.057

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(45 - 120)
Decachlorobiphenyl	82	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 11

GC Semivolatiles

Lot-Sample #...:	C7K020216-004	**Work Order #...:**	KAE1A1AA	**Matrix.....:**	WATER
Date Sampled...:	10/30/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/16/07		
Prep Batch #...:	7307199	**Analysis Time..:**	16:48		
Dilution Factor:	1.01	**Initial Wgt/Vol:**	990 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.40	ug/L	0.10
Aroclor 1221	ND	0.40	ug/L	0.10
Aroclor 1232	ND	0.40	ug/L	0.12
Aroclor 1242	ND	0.40	ug/L	0.075
Aroclor 1248	ND	0.40	ug/L	0.092
Aroclor 1254	ND	0.40	ug/L	0.092
Aroclor 1260	ND	0.40	ug/L	0.055

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(45 - 120)
Decachlorobiphenyl	78	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 12

GC Semivolatiles

Lot-Sample #...:	C7K020216-005	**Work Order #...:**	KAE1D1AL	**Matrix.....:**	WATER
Date Sampled...:	10/30/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/16/07		
Prep Batch #...:	7307199	**Analysis Time..:**	17:11		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.39	ug/L	0.098
Aroclor 1221	ND	0.39	ug/L	0.097
Aroclor 1232	ND	0.39	ug/L	0.11
Aroclor 1242	ND	0.39	ug/L	0.072
Aroclor 1248	ND	0.39	ug/L	0.088
Aroclor 1254	ND	0.39	ug/L	0.089
Aroclor 1260	ND	0.39	ug/L	0.053

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(45 - 120)
Decachlorobiphenyl	81	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 13

GC Semivolatiles

Lot-Sample #...:	C7K020216-006	**Work Order #...:**	KAE1F1AL	**Matrix.....:**	WATER
Date Sampled...:	10/30/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/16/07		
Prep Batch #...:	7307199	**Analysis Time..:**	17:34		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.38	ug/L	0.097
Aroclor 1221	ND	0.38	ug/L	0.096
Aroclor 1232	ND	0.38	ug/L	0.11
Aroclor 1242	ND	0.38	ug/L	0.071
Aroclor 1248	ND	0.38	ug/L	0.087
Aroclor 1254	ND	0.38	ug/L	0.088
Aroclor 1260	ND	0.38	ug/L	0.052

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(45 - 120)
Decachlorobiphenyl	83	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 16

GC Semivolatiles

Lot-Sample #...:	C7K020216-007	**Work Order #...:**	KAE1J1AL	**Matrix.....:**	WATER
Date Sampled...:	10/31/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/16/07		
Prep Batch #...:	7307199	**Analysis Time..:**	17:57		
Dilution Factor:	1.03	**Initial Wgt/Vol:**	970 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.41	ug/L	0.10
Aroclor 1221	ND	0.41	ug/L	0.10
Aroclor 1232	ND	0.41	ug/L	0.12
Aroclor 1242	ND	0.41	ug/L	0.077
Aroclor 1248	ND	0.41	ug/L	0.094
Aroclor 1254	ND	0.41	ug/L	0.094
Aroclor 1260	ND	0.41	ug/L	0.056

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(45 - 120)
Decachlorobiphenyl	83	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 18

GC Semivolatiles

Lot-Sample #...:	C7K020216-008	**Work Order #...:**	KAE1K1AL	**Matrix.....:**	WATER
Date Sampled...:	10/31/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/16/07		
Prep Batch #...:	7307199	**Analysis Time..:**	18:20		
Dilution Factor:	1.02	**Initial Wgt/Vol:**	980 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.41	ug/L	0.10
Aroclor 1221	ND	0.41	ug/L	0.10
Aroclor 1232	ND	0.41	ug/L	0.12
Aroclor 1242	ND	0.41	ug/L	0.076
Aroclor 1248	ND	0.41	ug/L	0.093
Aroclor 1254	ND	0.41	ug/L	0.093
Aroclor 1260	ND	0.41	ug/L	0.055

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(45 - 120)
Decachlorobiphenyl	85	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 20

GC Semivolatiles

Lot-Sample #...:	C7K020216-009	**Work Order #...:**	KAE1P1AL	**Matrix.....:**	WATER
Date Sampled...:	10/31/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/16/07		
Prep Batch #...:	7307199	**Analysis Time..:**	18:43		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.39	ug/L	0.098
Aroclor 1221	ND	0.39	ug/L	0.097
Aroclor 1232	ND	0.39	ug/L	0.11
Aroclor 1242	ND	0.39	ug/L	0.072
Aroclor 1248	ND	0.39	ug/L	0.088
Aroclor 1254	ND	0.39	ug/L	0.089
Aroclor 1260	ND	0.39	ug/L	0.053

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(45 - 120)
Decachlorobiphenyl	82	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 22

GC Semivolatiles

Lot-Sample #...:	C7K020216-010	**Work Order #...:**	KAE1R1AL	**Matrix.....:**	WATER
Date Sampled...:	10/31/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/16/07		
Prep Batch #...:	7307199	**Analysis Time..:**	19:06		
Dilution Factor:	0.95	**Initial Wgt/Vol:**	1050 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.38	ug/L	0.096
Aroclor 1221	ND	0.38	ug/L	0.095
Aroclor 1232	ND	0.38	ug/L	0.11
Aroclor 1242	ND	0.38	ug/L	0.071
Aroclor 1248	ND	0.38	ug/L	0.086
Aroclor 1254	ND	0.38	ug/L	0.087
Aroclor 1260	ND	0.38	ug/L	0.051

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	92	(45 - 120)
Decachlorobiphenyl	79	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 3

GC Semivolatiles

Lot-Sample #...:	C7K020216-011	**Work Order #...:**	KAE101AL	**Matrix.....:**	WATER
Date Sampled...:	10/31/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/16/07		
Prep Batch #...:	7307199	**Analysis Time..:**	19:29		
Dilution Factor:	0.95	**Initial Wgt/Vol:**	1050 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.38	ug/L	0.096
Aroclor 1221	ND	0.38	ug/L	0.095
Aroclor 1232	ND	0.38	ug/L	0.11
Aroclor 1242	ND	0.38	ug/L	0.071
Aroclor 1248	ND	0.38	ug/L	0.086
Aroclor 1254	ND	0.38	ug/L	0.087
Aroclor 1260	ND	0.38	ug/L	0.051

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(45 - 120)
Decachlorobiphenyl	83	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 5

GC Semivolatiles

Lot-Sample #...: C7K020216-012	**Work Order #...:** KAE151AL	**Matrix.....:** WATER
Date Sampled...: 10/31/07	**Date Received..:** 11/02/07	**MS Run #.....:**
Prep Date.....: 11/03/07	**Analysis Date..:** 11/16/07	
Prep Batch #...: 7307199	**Analysis Time..:** 19:52	
Dilution Factor: 0.95	**Initial Wgt/Vol:** 1050 mL	**Final Wgt/Vol..:** 40 mL
Analyst ID.....: 402331	**Instrument ID..:** S/T	
	Method.....: SW846 8082	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.38	ug/L	0.096
Aroclor 1221	ND	0.38	ug/L	0.095
Aroclor 1232	ND	0.38	ug/L	0.11
Aroclor 1242	ND	0.38	ug/L	0.071
Aroclor 1248	ND	0.38	ug/L	0.086
Aroclor 1254	ND	0.38	ug/L	0.087
Aroclor 1260	ND	0.38	ug/L	0.051

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(45 - 120)
Decachlorobiphenyl	77	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 7

GC Semivolatiles

Lot-Sample #...:	C7K020216-013	**Work Order #...:**	KAE191AL	**Matrix.....:**	WATER
Date Sampled...:	10/31/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/16/07		
Prep Batch #...:	7307199	**Analysis Time..:**	20:15		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.38	ug/L	0.097
Aroclor 1221	ND	0.38	ug/L	0.096
Aroclor 1232	ND	0.38	ug/L	0.11
Aroclor 1242	ND	0.38	ug/L	0.071
Aroclor 1248	ND	0.38	ug/L	0.087
Aroclor 1254	ND	0.38	ug/L	0.088
Aroclor 1260	ND	0.38	ug/L	0.052

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(45 - 120)
Decachlorobiphenyl	76	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 25

GC Semivolatiles

Lot-Sample #...:	C7K020216-014	**Work Order #...:**	KAE2E1AL	**Matrix.....:**	WATER
Date Sampled...:	11/01/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/16/07		
Prep Batch #...:	7307199	**Analysis Time..:**	20:38		
Dilution Factor:	0.95	**Initial Wgt/Vol:**	1050 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.38	ug/L	0.096
Aroclor 1221	ND	0.38	ug/L	0.095
Aroclor 1232	ND	0.38	ug/L	0.11
Aroclor 1242	ND	0.38	ug/L	0.071
Aroclor 1248	ND	0.38	ug/L	0.086
Aroclor 1254	ND	0.38	ug/L	0.087
Aroclor 1260	ND	0.38	ug/L	0.051

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(45 - 120)
Decachlorobiphenyl	88	(24 - 128)

Tetra Tech NUS, Inc

Client Sample ID: FMC 26

GC Semivolatiles

Lot-Sample #...:	C7K020216-015	**Work Order #...:**	KAE2J1AL	**Matrix.....:**	WATER
Date Sampled...:	11/01/07	**Date Received..:**	11/02/07	**MS Run #.....:**	
Prep Date.....:	11/03/07	**Analysis Date..:**	11/19/07		
Prep Batch #...:	7307199	**Analysis Time..:**	17:07		
Dilution Factor:	0.96	**Initial Wgt/Vol:**	1040 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.38	ug/L	0.097
Aroclor 1221	ND	0.38	ug/L	0.096
Aroclor 1232	ND	0.38	ug/L	0.11
Aroclor 1242	ND	0.38	ug/L	0.071
Aroclor 1248	ND	0.38	ug/L	0.087
Aroclor 1254	**0.42**	**0.38**	**ug/L**	**0.088**
Aroclor 1260	ND	0.38	ug/L	0.052

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(45 - 120)
Decachlorobiphenyl	100	(24 - 128)

APPENDIX C

SUPPORT DOCUMENTATION

CASE NARRATIVE
TETRA TECH NUS, INC.
Martin State Airport

Lot #: C7K020216

The following report contains the analytical results for samples submitted to TestAmerica Pittsburgh by Tetra Tech NUS, INC. The samples were received November 2, 2007 according to documented sample acceptance procedures.

TestAmerica Pittsburgh utilizes only USEPA approved methods and instrumentation in all analytical work. The samples presented in this report were analyzed for the parameters listed on the method reference page in accordance with the methods indicated.

Sample Receiving:
The lot closed on November 2, 2007.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The LCS associated with batch 7312657 had acetone and 1,2-dibromoethane recover high and outside of criteria. All control compounds recovered within limits.

GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The following compounds had the %D > 25% in the calibration verification standard N11210CC; but were within expected performance range for these compounds: 4-Nitrophenol 40.4% and N-Nitrosodimethylamine 32.1%.

The following compound had the %D > 25% in the calibration verification standard N11220CC; but was within expected performance range for this compound: 4-Nitrophenol 27.4%.

CASE NARRATIVE
TETRA TECH NUS, INC.
Martin State Airport

Lot #: C7K020216

GC/MS Semivolatiles cont.:
The following compound had the %D > 25% in the calibration verification standard V11270CC; but was within expected performance range for this compound: 2,4-Nitrophenol 25.7%.

PCBs:
There were no problems associated with the analysis.

Metals:
The method blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

C7K020216

Chain of Custody Record

STL-4124 (0901)

STL
Severn Trent Laboratories, Inc.

Client: Tetra Tech NUS	Project Manager: Mike Martin	Date: 11/1/07	Chain of Custody Number: 322462
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 1 of 1
City: Germantown / State: MD / Zip Code: 20874	Site Contact: T Arrowsage	Lab Contact: B Hall	
Project Name and Location (State): Martin State Airport MD Trog Mortar Creek	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 1800157 2-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: SVOCs 8270 Metal	Volatiles	Pesticide	Organotin	PCBs	LL SVOCs	LL VOCs	Total Metal	Dissolved Metal	Special Instructions/ Conditions of Receipt
FMC 25	11/1/07				X		X						X	X	X	X						
FMC 25	"			X			X		X	X							X	X	X	X		
FMC 26	"				X		X						X	X	X	X						
FMC 26	"			X			X		X	X							X	X	X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Kelly Samuels	Date: 11-01-07	Time: 1550	1. Received By:	Date: 11-1-07	Time: 1600
2. Relinquished By:	Date: 11-1-07	Time: 1930	2. Received By:	Date: 11/2/07	Time: 920
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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C7K020216

Chain of Custody Record

STL-4124 (0901)

Severn Trent Laboratories, Inc.

Client: Tetra Tech NUS	Project Manager: Mike Martin	Date: 10/31/07	Chain of Custody Number: 322460
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 1 of 2
City: Germantown / State: MD / Zip Code: 20874	Site Contact: Apanavage	Lab Contact: B Hall	
Project Name and Location (State): Martin State Airport MD Frog Mortar Pit	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 1800.572-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: SVOC PCB Metal	Volatiles	Perchlorate	Organotin	PCBs	LL SVOCs	LL VOCs	Total Metal	Dissolved Metal	Special Instructions/ Conditions of Receipt
FMC 15	10/31/07				X		X						X	X	X	X						
FMC 16	10/31/07				X		X						X	X	X	X						
FMC 16			X				X		X	X							X	X	X	X	X	
FMC 17					X		X						X	X	X	X						
FMC 18					X								X	X	X	X						
FMC 18			X				X		X	X							X	X	X	X		
FMC 19					X								X	X	X	X						
FMC 20					X		X						X	X	X	X						
FMC 20			X				X		X	X							X	X	X	X	X	
FMC 21					X		X						X	X	X	X						
FMC 22					X		X						X	X	X	X						
FMC 22			X				X		X	X							X	X	X	X	X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By	Date: 11-01-07	Time: 1550	1. Received By	Date: 11-01-07	Time: 1600
2. Relinquished By	Date: 11-1-07	Time: 18:30	2. Received By	Date: 11/2/07	Time: 9:20
3. Relinquished By	Date:	Time:	3. Received By	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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CTK020216

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Tetra Tech WDS	Project Manager: Mike Martin	Date: 10/31/07	Chain of Custody Number: 322461
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 2 of 2
City: Germantown	State: MD	Zip Code: 20874	Site Contact: T Flanavage	Lab Contact: B Hall
Project Name and Location (State): Martin State Airport MD Frog Mortar Creek	Carrier/Waybill Number:	Analysis (Attach list if more space is needed)
Contract/Purchase Order/Quote No.: 1800 1572-1		Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Size PCB Metal	Volatiles	Pesticide	Organotin	PCBs	Lead	Lead	Total Metal	Dissolved Metal
FMC 23	10/31/07				X		X						X	X	X	X					
FMC 3	" "				X		X						X	X	X	X					
FMC 3	" "			X			X		X	X							X	X	X	X	X
FMC 4	" "				X		X						X	X	X	X					
FMC 5	" "				X		X						X	X	X	X					
FMC 5	" "			X			X		X	X							X	X	X	X	X
FMC 6	" "				X		X						X	X	X	X					
FMC 7	" "				X		X						X	X	X	X					
FMC 7	" "			X			X		X	X							X	X	X	X	X
FMC 8	" "				X		X						X	X	X	X					

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By	Date: 11-01-07	Time: 1550	1. Received By	Date: 11-01-07	Time: 1600
2. Relinquished By	Date: 11-1-07	Time: [illegible]	2. Received By	Date: 11/2/07	Time: 9:20
3. Relinquished By	Date:	Time:	3. Received By	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

C7K020216

Chain of Custody Record

STL-4124 (0901)

STL
Severn Trent Laboratories, Inc.

Client: Tetra Tech NUS	Project Manager: Mike Martin	Date: 10/30/07	Chain of Custody Number: 322454
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 1 of 6
City: Germantown	State: MD	Zip Code: 20874	Site Contact: Tony Appanavage	Lab Contact: Barb Hall
Project Name and Location (State): Martin State Airport, MD (Frog Mortar Creek - FMC)	Carrier/Waybill Number:	
Contract/Purchase Order/Quote No: 1800572-1		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Svoc, PCB, Metals	Volatiles	Pesticide	Organotins	Special Instructions/ Conditions of Receipt
~~FCM 24~~ FMC 24	10/30/07				X		X						X				4-4oz jars
~~FCM 24~~ FMC 24	10/30/07				X		X							X			
~~FCM 24~~ FMC 24	10/30/07				X		X								X		
~~FCM 24~~ FMC 24	10/30/07				X		X									X	
~~FCM 9~~ FMC 9	10/30/07				X		X						X				4-4oz jars
~~FCM 9~~ FMC 9	10/30/07				X		X							X			
~~FCM 9~~ FMC 9	10/30/07				X		X								X		
~~FCM 9~~ FMC 9	10/30/07				X		X									X	
~~FCM 10~~ FMC 10	10/30/07				X		X						X				4-4oz jars
~~FCM 10~~ FMC 10	10/30/07				X		X							X			
~~FCM 10~~ FMC 10	10/30/07				X		X								X		
~~FCM 10~~ FMC 10	10/30/07				X		X									X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ ~~14~~ Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Rob Samuels	Date: 11-01-07	Time: 1550	1. Received By:	Date: 11-01-07	Time: 1600
2. Relinquished By:	Date: 11-1-07	Time: 19:30	2. Received By:	Date: 11/2/07	Time: 09:20
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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C7K020216

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Tetra Tech WDS	Project Manager: Mike Martin	Date: 10/30/07	Chain of Custody Number: 322455
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 2 of 6
City: Germantown / State: MD / Zip Code: 20874	Site Contact: T. Apanavage	Lab Contact: IS Hall	
Project Name and Location (State): Martin State Airport, MD Frog Mortar Creek	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 1800157Z-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Soil Metal PCB	Volatiles	Perchlorate	Organotin	Special Instructions/ Conditions of Receipt
~~FCM-11~~ FMC 11	10/30/07				X								X				4-4oz jars
~~FCM-11~~ FMC 11	10/30/07				X									X			
~~FCM-11~~ FMC 11	10/30/07				X										X		
~~FCM-11~~ FMC 11					X											X	
~~FCM-12~~ FMC 12					X								X				4-4oz jars
~~FCM-12~~ FMC 12					X									X			
~~FCM-12~~ FMC 12					X										X		
~~FCM-12~~ FMC 12					X											X	
~~FCM-13~~ FMC 13					X								X				4-4oz jars
~~FCM-13~~ FMC 13					X									X			
~~FCM-13~~ FMC 13					X										X		
~~FCM-13~~ FMC 13					X											X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Rich Musante	Date: 11-1-07	Time: 1550	1. Received By:	Date: 11-01-07	Time: 1600
2. Relinquished By:	Date: 11-1-07	Time: 18:30	2. Received By: V Bostot	Date: 11/2/07	Time: 9:20
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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C7K020216

Chain of Custody Record

STL-4124 (0901)

STL
Severn Trent Laboratories, Inc.

Client: Tetra Tech WVS	Project Manager: Mike Martin	Date: 10/30/07	Chain of Custody Number: 322456
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3072	Lab Number:	Page 3 of 6
City: Germantown / State: MD / Zip Code: 20874	Site Contact: T Hanauage	Lab Contact: B Hall	
Project Name and Location (State): Martin State Airport MD	Carrier/Waybill Number: from Mortar Creek		
Contract/Purchase Order/Quote No.: 18001572-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: Spec Metal PCB	Volatiles	Perchlorate	Organotin	PCBs	LL SVOCs	LL VOCs	Total Metal	Dissolved Metal	Special Instructions/ Conditions of Receipt
GWS FCM 14 FMC 14	10/30/07				X								X									4-4oz jar
FCM 14 FMC 14														X								
FCM 14 FMC 14															X							
FCM 14 FMC 14					X											X						
GWS FCM 24 FMC 24				X			X										X					
FCM 24 FMC 24							X											X				
FCM 24 FMC 24										X									X			
FCM 24 FMC 24									X											X		
GWS FCM 24 FMC 24									X													

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Kirk Samuels	Date: 11-01-07	Time: 1550	1. Received By:	Date: 11-01-07	Time: 1600
2. Relinquished By:	Date: 11-1-07	Time: 18:30	2. Received By: Vbartot	Date: 11/2/07	Time: 9:20
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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C7K020216

Chain of Custody Record

STL-4124 (0901)

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

Client: Tetra Tech WDS	Project Manager: Mike Martin	Date: 10/30/07	Chain of Custody Number: 322457
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 4 of 6
City: Germantown / State: MD / Zip Code: 20874	Site Contact: T Flannigan	Lab Contact: B Hall	
Project Name and Location (State): Martin State Airport Frog Mortar Creek	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 1800157Z-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: PCBs	8 Svocs	6 VOCs	Total Metals	(Dissolved) Metals	Special Instructions/ Conditions of Receipt
~~FCM 9~~ FMC 9	10/30/07			X			X						X					
~~FCM 9~~ FMC 9							X							X				
~~FCM 9~~ FMC 9										X					X			
~~FCM 9~~ FMC 9																X		
~~FCM 9~~ FMC 9									X								X	
~~FCM 10~~ FMC 10									X									
~~FCM 10~~ FMC 10							X						X					
~~FCM 10~~ FMC 10							X							X				
~~FCM 10~~ FMC 10										X					X			
~~FCM 10~~ FMC 10									X							X		
~~FCM 10~~ FMC 10									X								X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By	Date: 11-1-07	Time: 1550	1. Received By	Date: 11-01-07	Time: 1600
2. Relinquished By	Date: 11-1-07	Time: 18:30	2. Received By	Date: 11/2/07	Time: 09:20
3. Relinquished By	Date:	Time:	3. Received By	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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CZK020216

Chain of Custody Record

STL-4124 (0901)

STL
Severn Trent Laboratories, Inc.

Client: Tetra Tech WDS	Project Manager: Mike Martin	Date: 10/30/07	Chain of Custody Number: 322458
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 5 of 6
City: Germantown / State: MD / Zip Code: 20874	Site Contact: T Hanagriff	Lab Contact: B Hall	
Project Name and Location (State): Martin St Detroit MD Fourmile Run	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 18001572-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAcl/NaOH	Analysis: PCBs	LL SVOCs	LL VOCs	Total Metals	Dissolved Metals	Special Instructions/ Conditions of Receipt
~~FCM 11~~ FMC 11	10/30/07			X			X						X					
~~FCM 11~~ FMC 11							X							X				
~~FCM 11~~ FMC 11										X					X			
~~FCM 11~~ FMC 11									X							X		
~~FCM 11~~ FMC 11									X								X	
~~FCM 12~~ FMC 12							X						X					
~~FCM 12~~ FMC 12							X							X				
~~FCM~~ FMC 12										X					X			
FMC 12									X							X		
FMC 12									X								X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Rick Samuel	Date: 11-01-07	Time: 1550	1. Received By:	Date: 11-01-07	Time: 1600
2. Relinquished By:	Date: 11-1-07	Time: 18:30	2. Received By: V Bontot	Date: 11/2/07	Time: 09:20
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report: CANARY - Stays with the Sample; PINK - Field Copy

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HOLDTIME

SDG C7K020216

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	FMC 13	C7K020216006	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15
HG	UG/L	FMC 10	C7K020216003	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15
HG	UG/L	FMC 12	C7K020216005	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15
HG	UG/L	FMC 16	C7K020216007	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 18	C7K020216008	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 20	C7K020216009	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 22	C7K020216010	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 24	C7K020216001	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15
HG	UG/L	FMC 25	C7K020216014	NM	11/1/2007	11/14/2007	11/14/2007	13	0	13
HG	UG/L	FMC 26	C7K020216015	NM	11/1/2007	11/14/2007	11/14/2007	13	0	13
HG	UG/L	FMC 3	C7K020216011	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 5	C7K020216012	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 7	C7K020216013	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 9	C7K020216002	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15
HG	UG/L	FMC 11	C7K020216004	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	FMC 12	C7K020216005	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
M	UG/L	FMC 11	C7K020216004	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
M	UG/L	FMC 13	C7K020216006	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
M	UG/L	FMC 16	C7K020216007	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 18	C7K020216008	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 20	C7K020216009	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 22	C7K020216010	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 24	C7K020216001	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
M	UG/L	FMC 25	C7K020216014	NM	11/1/2007	11/14/2007	11/27/2007	13	13	26
M	UG/L	FMC 26	C7K020216015	NM	11/1/2007	11/14/2007	11/27/2007	13	13	26
M	UG/L	FMC 3	C7K020216011	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 5	C7K020216012	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 7	C7K020216013	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 9	C7K020216002	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
M	UG/L	FMC 10	C7K020216003	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
HGF	UG/L	FMC 26	C7K020216015	NM	11/1/2007	11/16/2007	11/16/2007	15	0	15
HGF	UG/L	FMC 10	C7K020216003	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17
HGF	UG/L	FMC 11	C7K020216004	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HGF	UG/L	FMC 12	C7K020216005	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17
HGF	UG/L	FMC 13	C7K020216006	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17
HGF	UG/L	FMC 16	C7K020216007	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 18	C7K020216008	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 20	C7K020216009	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 22	C7K020216010	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 25	C7K020216014	NM	11/1/2007	11/16/2007	11/16/2007	15	0	15
HGF	UG/L	FMC 3	C7K020216011	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 5	C7K020216012	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 7	C7K020216013	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 9	C7K020216002	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17
HGF	UG/L	FMC 24	C7K020216001	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17
MF	UG/L	FMC 12	C7K020216005	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
MF	UG/L	FMC 13	C7K020216006	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
MF	UG/L	FMC 11	C7K020216004	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
MF	UG/L	FMC 10	C7K020216003	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
MF	UG/L	FMC 20	C7K020216009	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
MF	UG/L	FMC 22	C7K020216010	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
MF	UG/L	FMC 24	C7K020216001	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
MF	UG/L	FMC 25	C7K020216014	NM	11/1/2007	11/14/2007	11/27/2007	13	13	26
MF	UG/L	FMC 26	C7K020216015	NM	11/1/2007	11/14/2007	11/27/2007	13	13	26
MF	UG/L	FMC 3	C7K020216011	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
MF	UG/L	FMC 5	C7K020216012	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
MF	UG/L	FMC 7	C7K020216013	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
MF	UG/L	FMC 9	C7K020216002	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
MF	UG/L	FMC 16	C7K020216007	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
MF	UG/L	FMC 18	C7K020216008	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
OS	%	FMC 24DL	C7K020216001	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	%	FMC 16DL	C7K020216007	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	%	FMC 9DL	C7K020216002	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	%	FMC 7DL	C7K020216013	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	%	FMC 5DL	C7K020216012	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	%	FMC 3DL	C7K020216011	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	%	FMC 25DL	C7K020216014	NM	11/1/2007	11/7/2007	11/22/2007	6	15	21
OS	%	FMC 22DL	C7K020216010	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	%	FMC 20DL	C7K020216009	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	FMC 11DL	C7K020216004	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	%	FMC 12DL	C7K020216005	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	%	FMC 10DL	C7K020216003	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	%	FMC 13DL	C7K020216006	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	%	FMC 18DL	C7K020216008	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	%	FMC 26DL	C7K020216015	NM	11/1/2007	11/8/2007	11/27/2007	7	19	26
OS	UG/L	FMC 16DL	C7K020216007	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	UG/L	FMC 9DL	C7K020216002	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	UG/L	FMC 7DL	C7K020216013	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	UG/L	FMC 5DL	C7K020216012	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	UG/L	FMC 3DL	C7K020216011	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	UG/L	FMC 26DL	C7K020216015	NM	11/1/2007	11/8/2007	11/27/2007	7	19	26
OS	UG/L	FMC 25DL	C7K020216014	NM	11/1/2007	11/7/2007	11/22/2007	6	15	21
OS	UG/L	FMC 22DL	C7K020216010	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	UG/L	FMC 20DL	C7K020216009	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	UG/L	FMC 13DL	C7K020216006	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	UG/L	FMC 18DL	C7K020216008	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	UG/L	FMC 12DL	C7K020216005	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	FMC 24DL	C7K020216001	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	UG/L	FMC 11DL	C7K020216004	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	UG/L	FMC 10DL	C7K020216003	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OV	%	FMC 25	C7K020216014	NM	11/1/2007	11/8/2007	11/9/2007	7	1	8
OV	%	TripBlank#2	C7K020216017	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	%	TripBlank#1	C7K020216016	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	%	FMC 9	C7K020216002	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	%	FMC 7	C7K020216013	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	%	FMC 5	C7K020216012	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	%	FMC 26	C7K020216015	NM	11/1/2007	11/8/2007	11/9/2007	7	1	8
OV	%	FMC 22	C7K020216010	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	%	FMC 20	C7K020216009	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	%	FMC 13	C7K020216006	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	%	FMC 12	C7K020216005	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	%	FMC 11	C7K020216004	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	%	FMC 10	C7K020216003	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	%	FMC 24	C7K020216001	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	%	FMC 3	C7K020216011	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	FMC 16	C7K020216007	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	%	FMC 18	C7K020216008	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	UG/L	FMC 10	C7K020216003	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	UG/L	FMC 22	C7K020216010	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	UG/L	FMC 20	C7K020216009	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	UG/L	FMC 18	C7K020216008	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	UG/L	FMC 16	C7K020216007	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	UG/L	FMC 13	C7K020216006	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	UG/L	FMC 11	C7K020216004	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	UG/L	FMC 24	C7K020216001	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	UG/L	TripBlank#2	C7K020216017	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	UG/L	FMC 12	C7K020216005	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	UG/L	FMC 26	C7K020216015	NM	11/1/2007	11/8/2007	11/9/2007	7	1	8
OV	UG/L	FMC 3	C7K020216011	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	UG/L	FMC 5	C7K020216012	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	UG/L	FMC 7	C7K020216013	NM	10/31/2007	11/8/2007	11/9/2007	8	1	9
OV	UG/L	TripBlank#1	C7K020216016	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
OV	UG/L	FMC 25	C7K020216014	NM	11/1/2007	11/8/2007	11/9/2007	7	1	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	FMC 9	C7K020216002	NM	10/30/2007	11/8/2007	11/9/2007	9	1	10
PCB	%	FMC 16DL	C7K020216007	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	%	FMC 9DL	C7K020216002	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17
PCB	%	FMC 7DL	C7K020216013	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	%	FMC 5DL	C7K020216012	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	%	FMC 3DL	C7K020216011	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	%	FMC 26DL	C7K020216015	NM	11/1/2007	11/3/2007	11/19/2007	2	16	18
PCB	%	FMC 25DL	C7K020216014	NM	11/1/2007	11/3/2007	11/16/2007	2	13	15
PCB	%	FMC 24DL	C7K020216001	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17
PCB	%	FMC 22DL	C7K020216010	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	%	FMC 18DL	C7K020216008	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	%	FMC 13DL	C7K020216006	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17
PCB	%	FMC 12DL	C7K020216005	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17
PCB	%	FMC 11DL	C7K020216004	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17
PCB	%	FMC 10DL	C7K020216003	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17
PCB	%	FMC 20DL	C7K020216009	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	UG/L	FMC 3DL	C7K020216011	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	UG/L	FMC 10DL	C7K020216003	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/L	FMC 11DL	C7K020216004	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17
PCB	UG/L	FMC 12DL	C7K020216005	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17
PCB	UG/L	FMC 13DL	C7K020216006	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17
PCB	UG/L	FMC 16DL	C7K020216007	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	UG/L	FMC 18DL	C7K020216008	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	UG/L	FMC 20DL	C7K020216009	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	UG/L	FMC 22DL	C7K020216010	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	UG/L	FMC 24DL	C7K020216001	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17
PCB	UG/L	FMC 26DL	C7K020216015	NM	11/1/2007	11/3/2007	11/19/2007	2	16	18
PCB	UG/L	FMC 5DL	C7K020216012	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	UG/L	FMC 7DL	C7K020216013	NM	10/31/2007	11/3/2007	11/16/2007	3	13	16
PCB	UG/L	FMC 9DL	C7K020216002	NM	10/30/2007	11/3/2007	11/16/2007	4	13	17
PCB	UG/L	FMC 25DL	C7K020216014	NM	11/1/2007	11/3/2007	11/16/2007	2	13	15

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TA PITTSBURGH Contract:

Lab Code: TA PGH Case No.: SAS No.: SDG No.: C7K020216

Lab File ID: BF61108N BFB Injection Date: 11/08/07

Instrument ID: HP6 BFB Injection Time: 1819

GC Column: DB624 20M ID: 0.20 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	48.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	57.9
175	5.0 - 9.0% of mass 174	4.7 (8.1)1
176	95.0 - 101.0% of mass 174	55.8 (96.5)1
177	5.0 - 9.0% of mass 176	3.3 (5.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD10	VSTD10	CC61108N	11/08/07	1851
02	INTRA-LAB BL	KAVP51AA	61108N01	11/08/07	2017
03	INTRA-LAB CH	KAVP51AC	61108N03	11/08/07	2203
04	FMC 24	KAEX31AD	61108N07	11/09/07	0003
05	FMC 9	KAE051AN	61108N08	11/09/07	0027
06	FMC 10	KAE071AN	61108N09	11/09/07	0050
07	FMC 11	KAE1A1AD	61108N10	11/09/07	0113
08	FMC 12	KAE1D1AN	61108N11	11/09/07	0137
09	FMC 13	KAE1F1AN	61108N12	11/09/07	0200
10	FMC 16	KAE1J1AN	61108N13	11/09/07	0224
11	FMC 18	KAE1K1AN	61108N14	11/09/07	0247
12	FMC 26	KAE2L1AA	61108N15	11/09/07	0310
13	FMC 20	KAE1P1AN	61108N16	11/09/07	0334
14	FMC 22	KAE1R1AN	61108N17	11/09/07	0357
15	FMC 3	KAE101AN	61108N18	11/09/07	0420
16	FMC 5	KAE151AN	61108N19	11/09/07	0443
17	FMC 7	KAE191AN	61108N20	11/09/07	0507
18	FMC 25	KAE2E1AN	61108N21	11/09/07	0530
19	FMC 26	KAE2J1AN	61108N22	11/09/07	0553
20	TRIPBLANK#2	KAE211AA	61108N23	11/09/07	0617
21					
22					

TRIP BLANK #1

SW846 8260B METHOD BLANK SUMMARY

BLANK WORKORDER NO.: KAVP51AA

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALPIT

SDG Number:

Lab File ID: 61108N01.

Lot Number: C7K020216

Date Analyzed: 11/08/07

Time Analyzed: 20:17

Matrix: WATER

Date Extracted: 11/08/07

GC Column: RTX-624 ID: .18

Extraction Method: 5030B/8260B

Instrument ID: HP6

Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	FMC 24	KAEX31AD	61108N07.	11/09/07	00:03
02	FMC 9	KAE051AN	61108N08.	11/09/07	00:27
03	FMC 10	KAE071AN	61108N09.	11/09/07	00:50
04	FMC 11	KAE1A1AD	61108N10.	11/09/07	01:13
05	FMC 12	KAE1D1AN	61108N11.	11/09/07	01:37
06	FMC 13	KAE1F1AN	61108N12.	11/09/07	02:00
07	FMC 16	KAE1J1AN	61108N13.	11/09/07	02:24
08	FMC 18	KAE1K1AN	61108N14.	11/09/07	02:47
09	FMC 20	KAE1P1AN	61108N16.	11/09/07	03:34
10	FMC 22	KAE1R1AN	61108N17.	11/09/07	03:57
11	FMC 3	KAE101AN	61108N18.	11/09/07	04:20
12	FMC 5	KAE151AN	61108N19.	11/09/07	04:43
13	FMC 7	KAE191AN	61108N20.	11/09/07	05:07
14	FMC 25	KAE2E1AN	61108N21.	11/09/07	05:30
15	FMC 26	KAE2J1AN	61108N22.	11/09/07	05:53
16	TripBlank#1	KAE2L1AA	61108N15.	11/09/07	03:10
17	TripBlank#2	KAE211AA	61108N23.	11/09/07	06:17
18	INTRA-LAB QC	KAG1V1AA	61108N02.	11/08/07	21:29
19	LAB MS/MSD	KAG1V1AE S	61108N04.	11/08/07	22:28
20	LAB MS/MSD	KAG1V1AF D	61108N05.	11/08/07	22:52
21	CHECK SAMPLE	KAVP51AC C	61108N03.	11/08/07	22:03
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALPIT SDG No:

Lot #: C7K080000 WO #: KAVP51AC
BATCH: 7312657

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1-Dichloroethene	10.0	9.29	93	65 - 136	
Trichloroethene	10.0	10.5	105	73 - 120	
Benzene	10.0	10.2	102	80 - 120	
Toluene	10.0	9.62	96	80 - 123	
Chlorobenzene	10.0	10.2	102	80 - 120	
Chloromethane	10.0	7.23	72	50 - 139	
Bromomethane	10.0	8.68	87	33 - 171	
Vinyl chloride	10.0	8.40	84	53 - 138	
Chloroethane	10.0	8.86	89	23 - 186	
Methylene chloride	10.0	10.6	106	63 - 129	
Acetone	10.0	39.4	394*	10 - 161	a
Carbon disulfide	10.0	8.34	83	54 - 132	
1,1-Dichloroethane	10.0	10.5	105	73 - 126	
trans-1,2-Dichloroethene	10.0	10.0	100	73 - 126	
Chloroform	10.0	11.8	118	72 - 127	
1,2-Dichloroethane	10.0	11.8	118	68 - 132	
2-Butanone	10.0	8.32	83	21 - 142	
1,1,1-Trichloroethane	10.0	8.71	87	63 - 133	
Carbon tetrachloride	10.0	7.96	80	55 - 150	
Bromodichloromethane	10.0	10.6	106	66 - 130	
1,2-Dichloropropane	10.0	11.2	112	76 - 124	
cis-1,3-Dichloropropene	10.0	8.07	81	66 - 120	
Dibromochloromethane	10.0	9.79	98	60 - 141	
1,1,2-Trichloroethane	10.0	11.4	114	77 - 127	
trans-1,3-Dichloropropene	10.0	7.65	76	65 - 125	
Bromoform	10.0	8.02	80	46 - 153	
4-Methyl-2-pentanone	10.0	8.78	88	37 - 132	
2-Hexanone	10.0	7.21	72	25 - 132	
Tetrachloroethene	10.0	9.73	97	70 - 135	
1,1,2,2-Tetrachloroethane	10.0	11.0	110	62 - 125	
Ethylbenzene	10.0	10.2	102	72 - 126	

(Continued on next page)

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALPIT SDG No:

Lot #: C7K080000 WO #: KAVP51AC
BATCH: 7312657

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Styrene	10.0	10.8	108	71 - 127	
cis-1,2-Dichloroethene	10.0	11.0	110	63 - 128	
Methyl tert-butyl ether	10.0	11.1	111	64 - 123	
1,3-Dichlorobenzene	10.0	10.2	102	76 - 120	
1,4-Dichlorobenzene	10.0	9.63	96	77 - 120	
1,2-Dichlorobenzene	10.0	10.2	102	77 - 120	
1,2-Dibromoethane	10.0	12.4	124*	74 - 123	a
1,2-Dibromo-3-chloropropa	10.0	9.16	92	37 - 133	
Xylenes (total)	30.0	31.8	106	72 - 128	
Dichlorodifluoromethane	10.0	4.77	48	13 - 174	
Trichlorofluoromethane	10.0	6.32	63	51 - 156	
Isopropylbenzene	10.0	9.73	97	58 - 130	
1,2,4-Trichlorobenzene	10.0	10.4	104	49 - 124	
1,1,2-Trichloro-1,2,2-tri	10.0	6.66	67	39 - 162	
Cyclohexane	10.0	6.48	65	50 - 150	
Methyl acetate	10.0	9.78	98	50 - 150	
Methylcyclohexane	10.0	6.01	60	50 - 150	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 2 out of 48 outside limits

COMMENTS:

FORM III

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALPIT SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: C7K010111 WO #: J998L1DG
BATCH: 7311333

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Phenol	18.9	ND	12.8	68	38 - 95	
2-Chlorophenol	18.9	ND	9.42	50	39 - 93	
N-Nitrosodi-n-propylamine	18.9	ND	9.87	52	41 - 96	
4-Chloro-3-methylphenol	18.9	ND	10.7	56	41 - 99	
Acenaphthene	18.9	ND	9.05	48	35 - 96	
4-Nitrophenol	18.9	ND	16.8	89	39 - 110	
2,4-Dinitrotoluene	18.9	ND	13.9	73	37 - 120	
Pentachlorophenol	18.9	ND	9.57	51	23 - 108	
Pyrene	18.9	ND	9.36	50	30 - 106	
bis(2-Chloroethyl) ether	18.9	ND	8.91	47	39 - 92	
2-Methylphenol	18.9	ND	9.20	49	43 - 90	
4-Methylphenol	37.8	ND	18.3	48	41 - 92	
Hexachloroethane	18.9	ND	8.68	46	38 - 91	
Nitrobenzene	18.9	ND	13.5	72	40 - 99	
Isophorone	18.9	ND	10.2	54	44 - 99	
2-Nitrophenol	18.9	ND	11.5	61	43 - 105	
2,4-Dimethylphenol	18.9	ND	6.71	36*	41 - 93	a
bis(2-Chloroethoxy)methan	18.9	ND	9.08	48	39 - 91	
2,4-Dichlorophenol	18.9	ND	10.5	56	41 - 96	
Naphthalene	18.9	ND	8.88	47	40 - 89	
Hexachlorobutadiene	18.9	ND	9.59	51	38 - 98	
2-Methylnaphthalene	18.9	ND	9.26	49	38 - 90	
Hexachlorocyclopentadiene	18.9	ND	3.19	17*	36 - 115	a
2,4,6-Trichlorophenol	18.9	ND	10.1	53	41 - 97	
2,4,5-Trichlorophenol	18.9	ND	10.1	53	38 - 98	
2-Chloronaphthalene	18.9	ND	8.80	47	34 - 95	
Dimethyl phthalate	18.9	ND	10.9	58	39 - 100	
Acenaphthylene	18.9	ND	9.61	51	38 - 105	

(Continued on next page)

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALPIT SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: C7K010111 WO #: J998L1DG
BATCH: 7311333

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
2,6-Dinitrotoluene	18.9	ND	12.2	64	40 - 117	
2,4-Dinitrophenol	18.9	ND	17.4	92	20 - 142	
Dibenzofuran	18.9	ND	9.51	50	36 - 94	
Diethyl phthalate	18.9	ND	11.7	62	36 - 103	
4-Chlorophenyl phenyl eth	18.9	ND	10.1	54	37 - 96	
Fluorene	18.9	ND	10.2	54	36 - 97	
4,6-Dinitro-2-methylpheno	18.9	ND	14.6	77	28 - 128	
N-Nitrosodiphenylamine	18.9	ND	9.69	51	35 - 93	
4-Bromophenyl phenyl ethe	18.9	ND	9.44	50	39 - 94	
Hexachlorobenzene	18.9	ND	8.97	47	40 - 88	
Phenanthrene	18.9	0.058	10.1	53	37 - 86	
Anthracene	18.9	ND	9.39	50	35 - 95	
Carbazole	18.9	ND	12.0	63	36 - 95	
Di-n-butyl phthalate	18.9	ND	10.9	57	38 - 99	
Fluoranthene	18.9	ND	11.2	59	36 - 96	
Butyl benzyl phthalate	18.9	ND	9.13	48	33 - 106	
Benzo(a)anthracene	18.9	ND	7.38	39	38 - 96	
Chrysene	18.9	ND	6.97	37	36 - 97	
bis(2-Ethylhexyl) phthala	18.9	ND	3.93	21*	33 - 110	a
Di-n-octyl phthalate	18.9	ND	3.63	19*	28 - 125	a
Benzo(b)fluoranthene	18.9	ND	5.48	29*	34 - 99	a
Benzo(k)fluoranthene	18.9	ND	4.87	26*	32 - 109	a
Benzo(a)pyrene	18.9	ND	4.53	24*	37 - 112	a
Indeno(1,2,3-cd)pyrene	18.9	ND	4.46	24*	32 - 116	a
Dibenz(a,h)anthracene	18.9	ND	4.45	24*	29 - 119	a
Benzo(ghi)perylene	18.9	ND	4.61	24*	27 - 116	a
2,2'-oxybis(1-Chloropropa	18.9	ND	8.51	45	33 - 98	

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALPIT SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: C7K010111 WO #: J998L1DH
BATCH: 7311333

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
Phenol	19.0	13.2	69	2.7	39	38- 95	
2-Chlorophenol	19.0	9.44	50	0.23	39	39- 93	
N-Nitrosodi-n-propylamine	19.0	9.92	52	0.48	43	41- 96	
4-Chloro-3-methylphenol	19.0	10.5	55	1.9	42	41- 99	
Acenaphthene	19.0	8.62	45	4.8	41	35- 96	
4-Nitrophenol	19.0	17.0	89	0.89	42	39- 110	
2,4-Dinitrotoluene	19.0	13.6	72	2.0	39	37- 120	
Pentachlorophenol	19.0	9.92	52	3.5	42	23- 108	
Pyrene	19.0	9.51	50	1.6	42	30- 106	
bis(2-Chloroethyl) ether	19.0	8.97	47	0.77	38	39- 92	
2-Methylphenol	19.0	9.24	49	0.44	38	43- 90	
4-Methylphenol	38.0	18.0	47	1.3	41	41- 92	
Hexachloroethane	19.0	8.76	46	0.93	39	38- 91	
Nitrobenzene	19.0	13.1	69	2.8	42	40- 99	
Isophorone	19.0	9.81	52	3.9	43	44- 99	
2-Nitrophenol	19.0	11.3	60	1.4	41	43- 105	
2,4-Dimethylphenol	19.0	6.51	34*	3.0	40	41- 93	a
bis(2-Chloroethoxy)methan	19.0	8.88	47	2.3	46	39- 91	
2,4-Dichlorophenol	19.0	9.85	52	6.7	41	41- 96	
Naphthalene	19.0	8.68	46	2.3	43	40- 89	
Hexachlorobutadiene	19.0	9.59	50	0.0	41	38- 98	
2-Methylnaphthalene	19.0	8.64	45	6.9	42	38- 90	
Hexachlorocyclopentadiene	19.0	3.16	17*	1.0	47	36- 115	a
2,4,6-Trichlorophenol	19.0	9.43	50	6.6	39	41- 97	
2,4,5-Trichlorophenol	19.0	10.1	53	0.12	39	38- 98	
2-Chloronaphthalene	19.0	8.46	45	3.9	39	34- 95	
Dimethyl phthalate	19.0	10.3	54	5.3	42	39- 100	
Acenaphthylene	19.0	9.46	50	1.5	40	38- 105	

(Continued on next page)

SW846 8270C MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: TALPIT SDG No:

Matrix Spike ID: LAB MS/MSD

Lot #: C7K010111 WO #: J998L1DH

BATCH: 7311333

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD		QC LIMITS RPD	QC LIMITS REC	QUAL
2,6-Dinitrotoluene	19.0	12.1	64	0.76		40	40 - 117	
2,4-Dinitrophenol	19.0	16.5	87	5.5		53	20 - 142	
Dibenzofuran	19.0	9.43	50	0.85		39	36 - 94	
Diethyl phthalate	19.0	11.3	60	3.2		39	36 - 103	
4-Chlorophenyl phenyl eth	19.0	9.85	52	2.6		38	37 - 96	
Fluorene	19.0	9.86	52	3.0		40	36 - 97	
4,6-Dinitro-2-methylpheno	19.0	14.8	78	1.1		41	28 - 128	
N-Nitrosodiphenylamine	19.0	9.82	52	1.3		36	35 - 93	
4-Bromophenyl phenyl ethe	19.0	9.79	52	3.6		40	39 - 94	
Hexachlorobenzene	19.0	9.23	49	2.8		35	40 - 88	
Phenanthrene	19.0	10.3	54	1.9		36	37 - 86	
Anthracene	19.0	9.52	50	1.3		37	35 - 95	
Carbazole	19.0	12.3	65	2.4		35	36 - 95	
Di-n-butyl phthalate	19.0	11.2	59	2.9		38	38 - 99	
Fluoranthene	19.0	11.4	60	2.1		39	36 - 96	
Butyl benzyl phthalate	19.0	9.31	48	1.9		40	33 - 106	
Benzo(a)anthracene	19.0	7.51	40	1.8		36	38 - 96	
Chrysene	19.0	7.05	37	1.1		42	36 - 97	
bis(2-Ethylhexyl) phthala	19.0	3.96	21*	0.98		40	33 - 110	a
Di-n-octyl phthalate	19.0	3.59	19*	1.1		44	28 - 125	a
Benzo(b)fluoranthene	19.0	5.24	28*	4.6		46	34 - 99	a
Benzo(k)fluoranthene	19.0	4.85	26*	0.27		31	32 - 109	a
Benzo(a)pyrene	19.0	4.50	24*	0.79		40	37 - 112	a
Indeno(1,2,3-cd)pyrene	19.0	4.39	23*	1.6		54	32 - 116	a
Dibenz(a,h)anthracene	19.0	4.40	23*	1.2		44	29 - 119	a
Benzo(ghi)perylene	19.0	4.47	24*	3.1		44	27 - 116	a
2,2'-oxybis(1-Chloropropa	19.0	8.63	45	1.4		42	33 - 98	

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA PITTSBURGH Contract:

Lab Code: TA Case No.: SAS No.: . SDG No.: _

Lab File ID: N1106DF1 DFTPP Injection Date: 11/06/07

Instrument ID: 733 DFTPP Injection Time: 2125

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0% of mass 198	49.2	
68	Less than 2.0% of mass 69	0.2	(0.5)1
69	Mass 69 relative abundance	46.0	
70	Less than 2.0% of mass 69	0.1	(0.2)1
127	40.0 - 60.0% of mass 198	51.2	
197	Less than 1.0% of mass 198	0.8	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 - 9.0% of mass 198	6.8	
275	10.0 - 30.0% of mass 198	21.7	
365	Greater than 1.0% of mass 198	3.0	
441	Present, but less than mass 443	10.0	
442	Greater than 40.0% of mass 198	66.2	
443	17.0 - 23.0% of mass 442	13.9	(21.0)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD0.4	SSTD0.4	N1106IC1	11/06/07	2140
02	SSTD2.0	SSTD2.0	N1106IC2	11/06/07	2209
03	SSTD4.0	SSTD4.0	N1106IC3	11/06/07	2238
04	SSTD10	SSTD10	N1106IC4	11/06/07	2306
05	SSTD20	SSTD20	N1106IC5	11/06/07	2335
06	SSTD40	SSTD40	N1106IC6	11/07/07	0004
07	SSTD80	SSTD80	N1106IC7	11/07/07	0032
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FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA PITTSBURGH Contract:

Lab Code: TA Case No.: SAS No.: SDG No.: C7K020216

Lab File ID: N1121DF1 DFTPP Injection Date: 11/21/07

Instrument ID: 733 DFTPP Injection Time: 0139

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	52.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	48.0
70	Less than 2.0% of mass 69	0.3 (0.7)1
127	40.0 - 60.0% of mass 198	53.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	22.9
365	Greater than 1.0% of mass 198	2.95
441	Present, but less than mass 443	11.3
442	Greater than 40.0% of mass 198	72.5
443	17.0 - 23.0% of mass 442	13.4 (18.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD4.0	SSTD4.0	N11210CC	11/21/07	0155
02	INTRA-LAB BL	KANWC1AA	N1121017	11/21/07	0954
03	INTRA-LAB CH	KANWC1AC	N1121018	11/21/07	1022
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TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N11210CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N112107.b\827011.m

Injection Date: 21-NOV-2007 01:55
Init. Cal. Date(s): 06-NOV-2007 07-NOV-2007
Init. Cal. Times: 21:40 00:32
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
78 2,6-Dinitrotoluene	0.23130	0.23052	0.010	0.33811	25.00000	Averaged
79 Acenaphthylene	1.61454	1.54249	0.010	4.46258	25.00000	Averaged
81 3-Nitroaniline	0.26586	0.29321	0.010	-10.28829	25.00000	Averaged
82 Acenaphthene	1.07633	1.05645	0.010	1.84675	20.00000	Averaged
83 2,4-Dinitrophenol	0.09091	0.08862	0.050	2.51068	50.00000	Averaged
85 4-Nitrophenol	0.13935	0.19571	0.050	-40.44882	50.00000	Averaged
86 Dibenzofuran	1.56713	1.59954	0.010	-2.06827	25.00000	Averaged
87 2,4-Dinitrotoluene	0.29609	0.36007	0.010	-21.60601	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.28794	0.28174	0.010	2.15163	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.26973	0.27988	0.010	-3.76295	25.00000	Averaged
92 2-Naphthylamine	0.70197	0.70940	0.010	-1.05905	25.00000	Averaged
93 Diethylphthalate	1.13279	1.21306	0.010	-7.08631	25.00000	Averaged
94 Fluorene	1.24078	1.27138	0.010	-2.46608	25.00000	Averaged
95 4-Chlorophenyl-phenylether	0.56746	0.63641	0.010	-12.15122	25.00000	Averaged
96 4-Nitroaniline	0.27674	0.29429	0.010	-6.33926	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	0.08205	0.07270	0.010	11.39314	25.00000	Averaged
99 N-Nitrosodiphenylamine (1)	0.50366	0.48714	0.010	3.27988	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.77898	0.69423	0.010	10.87950	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.18396	0.20006	0.010	-8.75308	25.00000	Averaged
107 Hexachlorobenzene	0.18473	0.20913	0.010	-13.20677	25.00000	Averaged
210 Atrazine	0.17550	0.17790	0.010	-1.36810	25.00000	Averaged
111 Pentachlorophenol	0.11461	0.12871	0.010	-12.30069	20.00000	Averaged
115 Phenanthrene	1.07903	1.04304	0.010	3.33584	25.00000	Averaged
116 Anthracene	1.05037	1.01283	0.010	3.57426	25.00000	Averaged
119 Carbazole	0.95217	0.96809	0.010	-1.67233	25.00000	Averaged
120 Di-n-Butylphthalate	1.14488	1.15341	0.010	-0.74448	25.00000	Averaged
123 Fluoranthene	1.11612	1.19283	0.010	-6.87321	20.00000	Averaged
124 Benzidine	0.37446	0.29906	0.010	20.13459	25.00000	Averaged
125 Pyrene	1.30240	1.19092	0.010	8.55987	25.00000	Averaged
131 Butylbenzylphthalate	0.56290	0.53600	0.010	4.77861	25.00000	Averaged
135 3,3'-Dichlorobenzidine	0.34930	0.38660	0.010	-10.68046	25.00000	Averaged
136 Benzo(a)Anthracene	1.13703	1.13359	0.010	0.30208	25.00000	Averaged
137 Chrysene	1.08232	1.06903	0.010	1.22804	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.81420	0.78983	0.010	2.99318	25.00000	Averaged
140 Di-n-octylphthalate	1.83649	1.92621	0.010	-4.88528	20.00000	Averaged
141 Benzo(b)fluoranthene	1.42937	1.37021	0.010	4.13864	25.00000	Averaged
142 Benzo(k)fluoranthene	1.44252	1.36676	0.010	5.25189	25.00000	Averaged
143 7,12-dimethylbenz[a]anthrac	0.66840	0.60889	0.010	8.90350	25.00000	Averaged
146 Benzo(a)pyrene	1.24357	1.20661	0.010	2.97227	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.31679	1.33850	0.010	-1.64837	25.00000	Averaged
150 Dibenz(a,h)anthracene	1.11723	1.12298	0.010	-0.51462	25.00000	Averaged
151 Benzo(g,h,i)perylene	1.11856	1.14691	0.010	-2.53371	25.00000	Averaged

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA PITTSBURGH Contract:

Lab Code: TA Case No.: SAS No.: SDG No.: C7K020216

Lab File ID: N1122DF1 DFTPP Injection Date: 11/22/07

Instrument ID: 733 DFTPP Injection Time: 0448

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	52.0
68	Less than 2.0% of mass 69	0.2 (0.3)1
69	Mass 69 relative abundance	49.3
70	Less than 2.0% of mass 69	0.3 (0.5)1
127	40.0 - 60.0% of mass 198	51.7
197	Less than 1.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	22.3
365	Greater than 1.0% of mass 198	3.16
441	Present, but less than mass 443	10.4
442	Greater than 40.0% of mass 198	67.7
443	17.0 - 23.0% of mass 442	13.5 (20.0)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD4.0	SSTD4.0	N1122OCC	11/22/07	0504
02	INTRA-LAB CH	KAKQK1AC	N1122018	11/22/07	0532
03	INTRA-LAB BL	KAKQK1AA	N1122017	11/22/07	0601
04	FMC 16	KAE1J1AM	N1122009	11/22/07	1014
05	FMC 18	KAE1K1AM	N1122010	11/22/07	1042
06	FMC 20	KAE1P1AM	N1122011	11/22/07	1110
07	FMC 22	KAE1R1AM	N1122012	11/22/07	1138
08	FMC 3	KAE101AM	N1122013	11/22/07	1207
09	FMC 5	KAE151AM	N1122014	11/22/07	1235
10	FMC 7	KAE191AM	N1122015	11/22/07	1303
11	FMC 25	KAE2E1AM	N1122016	11/22/07	1331
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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i Injection Date: 22-NOV-2007 05:04
Lab File ID: N11220CC.D Init. Cal. Date(s): 06-NOV-2007 07-NOV-2007
Analysis Type: Init. Cal. Times: 21:40 00:32
Lab Sample ID: sstd4.0 Quant Type: ISTD
Method: \\PITSVR06\D\chem\733.i\N112207.b\827011.m

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
78 2,6-Dinitrotoluene	0.23130	0.26168	0.010	-13.13334	25.00000	Averaged
79 Acenaphthylene	1.61454	1.51886	0.010	5.92586	25.00000	Averaged
81 3-Nitroaniline	0.26586	0.28108	0.010	-5.72734	25.00000	Averaged
82 Acenaphthene	1.07633	1.03130	0.010	4.18369	20.00000	Averaged
83 2,4-Dinitrophenol	0.09091	0.09615	0.050	-5.77118	50.00000	Averaged
85 4-Nitrophenol	0.13935	0.17754	0.050	-27.40811	50.00000	Averaged
86 Dibenzofuran	1.56713	1.63655	0.010	-4.43011	25.00000	Averaged
87 2,4-Dinitrotoluene	0.29609	0.33059	0.010	-11.65132	25.00000	Averaged
91 2,3,5,6-Tetrachlorophenol	0.28794	0.25408	0.010	11.75872	25.00000	Averaged
88 2,3,4,6-Tetrachlorophenol	0.26973	0.28052	0.010	-4.00209	25.00000	Averaged
92 2-Naphthylamine	0.70197	0.74673	0.010	-6.37762	25.00000	Averaged
93 Diethylphthalate	1.13279	1.21902	0.010	-7.61231	25.00000	Averaged
94 Fluorene	1.24078	1.26538	0.010	-1.98309	25.00000	Averaged
95 4-Chlorophenyl-phenylether	0.56746	0.62224	0.010	-9.65402	25.00000	Averaged
96 4-Nitroaniline	0.27674	0.30462	0.010	-10.07428	25.00000	Averaged
98 4,6-Dinitro-2-methylphenol	0.08205	0.07337	0.010	10.57060	25.00000	Averaged
99 N-Nitrosodiphenylamine (1)	0.50366	0.48847	0.010	3.01681	20.00000	Averaged
100 1,2-Diphenylhydrazine	0.77898	0.71553	0.010	8.14629	25.00000	Averaged
106 4-Bromophenyl-phenylether	0.18396	0.18187	0.010	1.13475	25.00000	Averaged
107 Hexachlorobenzene	0.18473	0.19608	0.010	-6.14325	25.00000	Averaged
210 Atrazine	0.17550	0.16799	0.010	4.28224	25.00000	Averaged
111 Pentachlorophenol	0.11461	0.12083	0.010	-5.42444	20.00000	Averaged
115 Phenanthrene	1.07903	1.06580	0.010	1.22640	25.00000	Averaged
116 Anthracene	1.05037	1.02238	0.010	2.66437	25.00000	Averaged
119 Carbazole	0.95217	0.98254	0.010	-3.19025	25.00000	Averaged
120 Di-n-Butylphthalate	1.14488	1.09623	0.010	4.24918	25.00000	Averaged
123 Fluoranthene	1.11612	1.18134	0.010	-5.84343	20.00000	Averaged
124 Benzidine	0.37446	0.29740	0.010	20.57745	25.00000	Averaged
125 Pyrene	1.30240	1.12627	0.010	13.52322	25.00000	Averaged
131 Butylbenzylphthalate	0.56290	0.51747	0.010	8.06988	25.00000	Averaged
135 3,3'-Dichlorobenzidine	0.34930	0.37607	0.010	-7.66477	25.00000	Averaged
136 Benzo(a)Anthracene	1.13703	1.10525	0.010	2.79440	25.00000	Averaged
137 Chrysene	1.08232	1.05827	0.010	2.22155	25.00000	Averaged
139 bis(2-ethylhexyl)Phthalate	0.81420	0.76428	0.010	6.13068	25.00000	Averaged
140 Di-n-octylphthalate	1.83649	1.70190	0.010	7.32860	20.00000	Averaged
141 Benzo(b)fluoranthene	1.42937	1.39621	0.010	2.32034	25.00000	Averaged
142 Benzo(k)fluoranthene	1.44252	1.38954	0.010	3.67280	25.00000	Averaged
143 7,12-dimethylbenz[a]anthrac	0.66840	0.58122	0.010	13.04355	25.00000	Averaged
146 Benzo(a)pyrene	1.24357	1.21041	0.010	2.66671	20.00000	Averaged
149 Indeno(1,2,3-cd)pyrene	1.31679	1.47283	0.010	-11.84979	25.00000	Averaged
150 Dibenz(a,h)anthracene	1.11723	1.21235	0.010	-8.51387	25.00000	Averaged
151 Benzo(g,h,i)perylene	1.11856	1.23859	0.010	-10.73025	25.00000	Averaged

5B

SEMIVOLATILE ORGANIC GC/MS TUNING AND MASS CALIBRATION - DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA PITTSBURGH Contract:

Lab Code: TA Case No.: SAS No.: SDG No.: _

Lab File ID: N1124DF2 DFTPP Injection Date: 11/24/07

Instrument ID: 733 DFTPP Injection Time: 0508

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.8
68	Less than 2.0% of mass 69	0.6 (1.3)1
69	Mass 69 relative abundance	45.7
70	Less than 2.0% of mass 69	0.5 (1.1)1
127	40.0 - 60.0% of mass 198	49.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	19.6
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than mass 443	9.9
442	Greater than 40.0% of mass 198	56.2
443	17.0 - 23.0% of mass 442	12.7 (22.5)2

1-Value is % of mass 69 2-Value is % of mass 442

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD4.0	SSTD4.0	N11240CC	11/24/07	0524
02	SSTD0.4	SSTD0.4	N1124IC1	11/24/07	0552
03	SSTD2.0	SSTD2.0	N1124IC2	11/24/07	0621
04	SSTD10	SSTD10	N1124IC4	11/24/07	0650
05	SSTD20	SSTD20	N1124IC5	11/24/07	0719
06	SSTD040	SSTD40	N1124IC6	11/24/07	0747
07	SSTD80	SSTD80	N1124IC7	11/24/07	0816
08					
09					
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FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TESTAMERICA PITTSBURGH Contract:

Lab Code: TA Case No.: SAS No.: SDG No.: C7K020216

Lab File ID: N1126DF1 DFTPP Injection Date: 11/26/07

Instrument ID: 733 DFTPP Injection Time: 0148

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	40.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	43.5
70	Less than 2.0% of mass 69	0.3 (0.7)1
127	40.0 - 60.0% of mass 198	50.2
197	Less than 1.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	20.9
365	Greater than 1.0% of mass 198	2.61
441	Present, but less than mass 443	9.4
442	Greater than 40.0% of mass 198	60.0
443	17.0 - 23.0% of mass 442	11.7 (19.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SST4.0	SSTD4.0	N11260CC	11/26/07	0203
02	INTRA-LAB BL	KARGG1AA	N1126016	11/26/07	0231
03	INTRA-LAB CH	KARGG1AC	N1126017	11/26/07	0328
04	INTRA-LAB CH	KARGG1AD	N1126018	11/26/07	0357
05					
06					
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09					
10					
11					
12					
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15					
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17					
18					
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20					
21					
22					

TestAmerica Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: 733.i
Lab File ID: N11260CC.D
Analysis Type:
Lab Sample ID: sstd4.0
Method: \\PITSVR06\D\chem\733.i\N112607.b\827011.m

Injection Date: 26-NOV-2007 02:03
Init. Cal. Date(s): 24-NOV-2007 24-NOV-2007
Init. Cal. Times: 05:24 08:16
Quant Type: ISTD

COMPOUND	RRF / AMOUNT	RF4	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
198 1,4-Dioxane	0.35736	0.40251	0.010	-12.63484	25.00000	Averaged	
10 N-Nitrosodimethylamine	0.47306	0.52743	0.010	-11.49167	25.00000	Averaged	
9 Pyridine	0.95506	0.97261	0.010	-1.83758	25.00000	Averaged	
16 Methyl methanesulfonate	0.71817	0.79627	0.010	-10.87483	25.00000	Averaged	
206 Benzaldehyde	0.58720	0.54556	0.010	7.09017	25.00000	Averaged	
21 Aniline	1.88612	1.97662	0.010	-4.79797	25.00000	Averaged	
22 Phenol	1.59311	1.66028	0.010	-4.21648	20.00000	Averaged	
23 bis(2-Chloroethyl)ether	1.26860	1.19053	0.010	6.15423	25.00000	Averaged	
24 2-Chlorophenol	1.32797	1.33603	0.010	-0.60724	25.00000	Averaged	
26 1,3-Dichlorobenzene	1.56011	1.59934	0.010	-2.51425	25.00000	Averaged	
27 1,4-Dichlorobenzene	1.60640	1.52350	0.010	5.16082	20.00000	Averaged	
28 1,2-Dichlorobenzene	1.55965	1.54229	0.010	1.11270	25.00000	Averaged	
29 Benzyl Alcohol	0.81065	0.80700	0.010	0.45097	25.00000	Averaged	
30 2-Methylphenol	1.18958	1.21280	0.010	-1.95239	25.00000	Averaged	
31 2,2'-oxybis(1-Chloropropane	2.05252	1.99301	0.010	2.89904	25.00000	Averaged	
37 Acetophenone	1.76551	1.76503	0.010	0.02722	25.00000	Averaged	
32 N-Nitroso-di-n-propylamine	0.87639	0.88360	0.050	-0.82271	50.00000	Averaged	
192 4-Methylphenol	1.26177	1.27999	0.010	-1.44365	25.00000	Averaged	
34 Hexachloroethane	0.68063	0.68039	0.010	0.03561	25.00000	Averaged	
35 Nitrobenzene	0.38945	0.36383	0.010	6.57881	25.00000	Averaged	
41 Isophorone	0.63259	0.61380	0.010	2.96940	25.00000	Averaged	
42 2-Nitrophenol	0.17798	0.18061	0.010	-1.47976	20.00000	Averaged	
43 2,4-Dimethylphenol	0.34075	0.33648	0.010	1.25066	25.00000	Averaged	
44 bis(2-Chloroethoxy)methane	0.41703	0.40185	0.010	3.64000	25.00000	Averaged	
48 2,4-Dichlorophenol	0.29817	0.29451	0.010	1.22902	20.00000	Averaged	
49 Benzoic Acid	0.22123	0.15989	0.010	27.72410	25.00000	Averaged	<-
50 1,2,4-Trichlorobenzene	0.35602	0.33561	0.010	5.73263	25.00000	Averaged	
51 Naphthalene	1.07381	1.02135	0.010	4.88517	25.00000	Averaged	
52 4-Chloroaniline	0.42784	0.39149	0.010	8.49734	25.00000	Averaged	
54 2,6-Dichlorophenol	0.31178	0.31422	0.010	-0.78220	25.00000	Averaged	
56 Hexachlorobutadiene	0.21291	0.19983	0.010	6.14310	20.00000	Averaged	
208 Caprolactam	0.09338	0.09151	0.010	2.00195	25.00000	Averaged	
59 4-Chloro-3-Methylphenol	0.29692	0.28232	0.010	4.91489	20.00000	Averaged	
62 2-Methylnaphthalene	0.72425	0.69639	0.010	3.84704	25.00000	Averaged	
63 1-Methylnaphthalene	0.69373	0.63056	0.010	9.10587	25.00000	Averaged	
64 Hexachlorocyclopentadiene	0.32129	0.23425	0.050	27.09228	50.00000	Averaged	
66 2,4,6-Trichlorophenol	0.34794	0.34892	0.010	-0.28108	20.00000	Averaged	
67 2,4,5-Trichlorophenol	0.39294	0.38756	0.010	1.37079	25.00000	Averaged	
209 1,1'-Biphenyl	1.33362	1.33503	0.010	-0.10557	25.00000	Averaged	
70 2-Chloronaphthalene	1.11027	1.10313	0.010	0.64328	25.00000	Averaged	
73 2-Nitroaniline	0.29397	0.29738	0.010	-1.15936	25.00000	Averaged	
76 Dimethylphthalate	1.19379	1.19021	0.010	0.29943	25.00000	Averaged	

CALCULATION WORKSHEET

CLIENT: MARTIN STATE AIRPORT	**SDG No.** C7K020216
SUBJECT: EXAMPLE CALCULATION - VOCS - WATER	
BY: T. JACKMAN	**DATE:** 02/20/08

Sample FMC 12 **Concentration = 1.3 ug/L**	**Trichloroethene**

EQUATION:

$$C_w = \frac{A_x \times Is \times Df}{Ais \times RRF \times V_o}$$

Where:

C_w	=	analyte concentration in water		ug/L
A_x	=	analyte response	=	15919
Is	=	amount of internal standard	=	50 ng
Df	=	dilution factor	=	1
Ais	=	response of internal standard	=	484847
RRF	=	response factor of compound	=	0.25353
Vo	=	volume of water purged	=	5 mL

Therefore: the concentration of trichloroethene in water =

$$\frac{15919 \times 50ng \times 1}{484847 \times 0.25353 \times 5mL}$$

C_w = 1.3 ug/L

Tetra Tech NUS, Inc

Client Sample ID: FMC 12

GC/MS Volatiles

Lot-Sample #...: C7K020216-005
Date Sampled...: 10/30/07
Prep Date.....: 11/08/07
Prep Batch #...: 7312657
Dilution Factor: 1
Analyst ID.....: 403419

Work Order #...: KAE1D1AN
Date Received..: 11/02/07
Analysis Date..: 11/09/07
Analysis Time..: 01:37
Initial Wgt/Vol: 5 mL
Instrument ID..: HP6
Method.....: SW846 8260B

Matrix.....: WATER
MS Run #.....: 7312348

Final Wgt/Vol..: 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	5.0	ug/L	2.5
Benzene	ND	1.0	ug/L	0.19
Bromodichloromethane	ND	1.0	ug/L	0.099
Bromoform	ND	1.0	ug/L	0.27
Bromomethane	ND	1.0	ug/L	0.18
2-Butanone	ND	5.0	ug/L	0.65
Carbon disulfide	ND	1.0	ug/L	0.11
Carbon tetrachloride	ND	1.0	ug/L	0.22
Chlorobenzene	ND	1.0	ug/L	0.33
Chloroethane	ND	1.0	ug/L	0.11
Chloroform	ND	1.0	ug/L	0.068
Chloromethane	ND	1.0	ug/L	0.14
Cyclohexane	ND	1.0	ug/L	0.11
Dibromochloromethane	ND	1.0	ug/L	0.20
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	0.26
1,2-Dibromoethane	ND	1.0	ug/L	0.15
1,3-Dichlorobenzene	ND	1.0	ug/L	0.10
1,4-Dichlorobenzene	ND	1.0	ug/L	0.10
1,2-Dichlorobenzene	ND	1.0	ug/L	0.086
Dichlorodifluoromethane	ND	1.0	ug/L	0.23
1,1-Dichloroethane	ND	1.0	ug/L	0.19
1,2-Dichloroethane	ND	1.0	ug/L	0.076
1,1-Dichloroethene	ND	1.0	ug/L	0.17
cis-1,2-Dichloroethene	**0.52 J**	**1.0**	**ug/L**	**0.090**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.097
1,2-Dichloropropane	ND	1.0	ug/L	0.24
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.13
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.16
Ethylbenzene	ND	1.0	ug/L	0.066
2-Hexanone	ND	5.0	ug/L	0.55
Isopropylbenzene	ND	1.0	ug/L	0.27
Methyl acetate	ND	1.0	ug/L	0.17
Methylene chloride	ND	1.0	ug/L	0.19
Methylcyclohexane	ND	1.0	ug/L	0.18
4-Methyl-2-pentanone	ND	5.0	ug/L	0.61
Methyl tert-butyl ether	ND	1.0	ug/L	0.13

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: FMC 12

GC/MS Volatiles

Lot-Sample #...: C7K020216-005 Work Order #...: KAE1D1AN Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Styrene	ND	1.0	ug/L	0.25
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.22
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.11
Tetrachloroethene	ND	1.0	ug/L	0.088
1,1,1-Trichloroethane	ND	1.0	ug/L	0.11
1,1,2-Trichloroethane	ND	1.0	ug/L	0.11
Trichloroethene	**1.3**	**1.0**	**ug/L**	**0.22**
Trichlorofluoromethane	ND	1.0	ug/L	0.17
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.14
Toluene	ND	1.0	ug/L	0.21
Vinyl chloride	**0.29 J**	**1.0**	**ug/L**	**0.11**
Xylenes (total)	ND	3.0	ug/L	0.20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Toluene-d8	96	(71 - 118)
1,2-Dichloroethane-d4	122	(64 - 135)
4-Bromofluorobenzene	91	(70 - 118)
Dibromofluoromethane	113	(64 - 128)

NOTE(S):

J Estimated result. Result is less than RL.

TestAmerica Pittsburgh

VOLATILE REPORT SW-846 Method

Data file : \\pitsvr06\d\chem\hp6.i\6110807N.b\61108N11.D
Lab Smp Id: kae1d1an Client Smp ID: FMC 12
Inj Date : 09-NOV-2007 01:37
Operator : 403419 Inst ID: hp6.i
Smp Info : c7k020216-005 5ml
Misc Info : kae1d1an,6110807N.b,8260ee.m,1-42.sub
Comment :
Method : \\PITSVR06\D\chem\hp6.i\6110807N.b\8260ee.m
Meth Date : 08-Nov-2007 23:44 stumpm Quant Type: ISTD
Cal Date : 05-NOV-2007 15:05 Cal File: 1F61105.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-42.sub
Target Version: 4.14
Processing Host: PITPC-112

Concentration Formula: Amt * DF * 1/Vo*Vt * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample Volume
Vt	1.000	mg/L conversion (1.0 if no conversion)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/L)
* 46 Fluorobenzene	96	7.138	7.133	(1.000)	484847	50.0000	
* 69 Chlorobenzene-d5	119	10.241	10.242	(1.000)	432278	50.0000	
* 92 1,4-Dichlorobenzene-d4	152	12.565	12.566	(1.000)	203212	50.0000	
$ 39 Dibromofluoromethane	113	6.384	6.379	(0.894)	116204	56.2851	11.26
$ 43 1,2-Dichloroethane-d4	65	6.761	6.756	(0.947)	191737	60.7304	12.15
$ 59 Toluene-d8	98	8.799	8.800	(0.859)	517155	48.1536	9.631
$ 80 Bromofluorobenzene	95	11.415	11.410	(0.908)	216998	45.5057	9.101
1 Dichlorodifluoromethane	85	Compound Not Detected.					
2 Chloromethane	50	Compound Not Detected.					
3 Vinyl Chloride	62	1.809	1.810	(0.254)	5928	1.46699	0.2934
4 Bromomethane	94	Compound Not Detected.					
5 Chloroethane	64	Compound Not Detected.					
6 Trichlorofluoromethane	101	Compound Not Detected.					
12 1,1-Dichloroethene	96	Compound Not Detected.					
13 Acetone	43	Compound Not Detected.					
15 Carbon Disulfide	76	Compound Not Detected.					
18 Methylene Chloride	84	Compound Not Detected.					
19 trans-1,2-Dichloroethene	96	Compound Not Detected.					
20 Methyl tert-butyl ether	73	Compound Not Detected.					
24 1,1-Dichloroethane	63	Compound Not Detected.					
27 2,2-Dichloropropane	77	Compound Not Detected.					
28 cis-1,2-dichloroethene	96	5.788	5.783	(0.811)	6921	2.62454	0.5249

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (UG/L)
M	29 1,2-Dichloroethene (total)	96				6921	2.62454	0.5249
	30 Bromochloromethane	128	Compound Not Detected.					
	31 2-Butanone	43	Compound Not Detected.					
	37 Chloroform	83	Compound Not Detected.					
	38 1,1,1-Trichloroethane	97	Compound Not Detected.					
	40 1,1-Dichloropropene	75	Compound Not Detected.					
	41 Carbon Tetrachloride	117	Compound Not Detected.					
	42 Benzene	78	Compound Not Detected.					
	45 1,2-Dichloroethane	62	Compound Not Detected.					
	47 Trichloroethene	130	7.540	7.535	(1.056)	15919	6.47525	1.295
	49 1,2-Dichloropropane	63	Compound Not Detected.					
	50 Dibromomethane	93	Compound Not Detected.					
	53 Bromodichloromethane	83	Compound Not Detected.					
	57 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	58 4-Methyl-2-Pentanone	43	Compound Not Detected.					
	60 Toluene	91	Compound Not Detected.					
	61 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	63 1,3-Dichloropropane	76	Compound Not Detected.					
	64 1,1,2-Trichloroethane	97	Compound Not Detected.					
	65 Tetrachloroethene	164	Compound Not Detected.					
	66 2-Hexanone	43	Compound Not Detected.					
	67 Dibromochloromethane	129	Compound Not Detected.					
	68 1,2-Dibromoethane	107	Compound Not Detected.					
	70 Chlorobenzene	112	Compound Not Detected.					
	71 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	72 Ethylbenzene	106	Compound Not Detected.					
	73 m + p-Xylene	106	Compound Not Detected.					
	74 Xylene-o	106	Compound Not Detected.					
M	75 Xylenes (total)	106	Compound Not Detected.					
	76 Styrene	104	Compound Not Detected.					
	77 Bromoform	173	Compound Not Detected.					
	78 Isopropylbenzene	105	Compound Not Detected.					
	79 Bromobenzene	156	Compound Not Detected.					
	83 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	84 1,2,3-Trichloropropane	110	Compound Not Detected.					
	86 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	88 1,2,4-Trimethylbenzene	105	Compound Not Detected.					
	90 4-Isopropyltoluene	119	Compound Not Detected.					
	91 1,3-Dichlorobenzene	146	Compound Not Detected.					
	93 1,4-Dichlorobenzene	146	Compound Not Detected.					
	95 1,2-Dichlorobenzene	146	Compound Not Detected.					
	96 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
	97 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
	101 1,1,2-trichlorotrifluoroethane	101	Compound Not Detected.					
	102 Methyl acetate	43	Compound Not Detected.					
	104 Cyclohexane	56	Compound Not Detected.					
	105 Methyl Cyclohexane	83	Compound Not Detected.					

TestAmerica Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 27-SEP-2007 10:12
End Cal Date : 27-SEP-2007 12:33
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\qpitpa02\d$\chem\hp6.i\6092707d.b\8260ee.m
Last Edit : 28-Sep-2007 10:11 fergusond
Curve Type : Average

	Compound	5.000 Level 1	25.000 Level 2	50.000 Level 3	75.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
	18 Methylene Chloride	0.70393	0.29712	0.28690	0.27453	0.26925	0.25462	0.34772	50.361	<-QUAD
	19 trans-1,2-Dichloroethene	0.26316	0.24984	0.25294	0.25527	0.26645	0.25385	0.25692	2.510	
	20 Methyl tert-butyl ether	0.72248	0.63258	0.64648	0.70296	0.71992	0.72766	0.69201	6.029	
	21 tert-Butyl Alcohol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	22 Acrylonitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	23 Hexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	24 1,1-Dichloroethane	0.60341	0.58405	0.60185	0.61415	0.62443	0.60368	0.60526	2.234	
	25 Isopropyl Ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	26 2-Chloro-1,3-butadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	27 2,2-Dichloropropane	0.37023	0.32967	0.33406	0.33411	0.34536	0.33148	0.34082	4.522	
	28 cis-1,2-dichloroethene	0.27941	0.26399	0.26948	0.27417	0.27702	0.26760	0.27194	2.174	
M	29 1,2-Dichloroethene (total)	0.27128	0.25691	0.26121	0.26472	0.27174	0.26073	0.26443	2.275	
	30 Bromochloromethane	0.11826	0.11133	0.11283	0.11953	0.12515	0.12080	0.11798	4.364	
	31 2-Butanone	0.18427	0.16931	0.16056	0.20592	0.20778	0.20880	0.18944	11.194	
	32 Vinyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	33 Ethyl Acetate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	34 Propionitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	35 Tetrahydrofuran	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	36 Methacrylonitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	37 Chloroform	0.42433	0.40066	0.41412	0.41285	0.42767	0.41354	0.41553	2.306	
	38 1,1,1-Trichloroethane	0.39953	0.35859	0.35177	0.36768	0.37416	0.36152	0.36887	4.571	
	40 1,1-Dichloropropene	0.37172	0.34490	0.34474	0.35396	0.35541	0.34522	0.35266	2.976	
	41 Carbon Tetrachloride	0.30086	0.29102	0.29592	0.30283	0.30773	0.29742	0.29930	1.945	
	42 Benzene	1.09389	1.01540	1.02288	1.03947	1.06491	1.02571	1.04371	2.889	
	44 Isobutanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	45 1,2-Dichloroethane	0.48495	0.41525	0.41696	0.44342	0.45739	0.44745	0.44424	5.892	
	47 Trichloroethene	0.27639	0.24091	0.24076	0.25145	0.25992	0.25173	0.25353	5.273	
	48 n-Butanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	49 1,2-Dichloropropane	0.35800	0.32566	0.33278	0.34104	0.34888	0.34051	0.34114	3.352	
	50 Dibromomethane	0.12925	0.11706	0.11814	0.13124	0.13142	0.13129	0.12640	5.435	
	51 Methyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	52 1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	53 Bromodichloromethane	0.32011	0.28561	0.28574	0.30747	0.30839	0.30851	0.30264	4.607	
	54 2-Nitropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	55 2-Methylfuran	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	56 2-Chloroethyl vinyl ether	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

CALCULATION WORKSHEET

CLIENT: MARTIN STATE AIRPORT	**SDG No.** C7K020216
SUBJECT: EXAMPLE CALCULATION - PHENANTHRENE IN WATER	
BY: T. JACKMAN	**DATE:** 02/20/08

Sample ID = FMC 11
Concentration = 0.26 ug/L

EQUATION:

$$C_w = \frac{A_x \times Is \times V_t \times Df}{A_{is} \times RRF \times V_o \times V_i}$$

Where:

C_w	=	analyte concentration in water		ug/l
A_x	=	analyte response	=	29587
Is	=	amount of internal standard	=	8 ng
V_t	=	volume of final extract	=	0.001 L
Df	=	dilution factor	=	1
A_{is}	=	response of internal standard	=	455985
RRF	=	response factor of analyte	=	1.079
V_o	=	sample volume	=	0.91 L
V_i	=	volume injected	=	2 uL

Therefore: phenanthrene concentration in water =

$$\frac{29587 \times 8ng \times 0.001L \times 1}{455985 \times 1.079 \times 0.91L \times 2uL}$$

C_w = 0.0003 ng/ul

C_w = **0.26** **ug/L**

Tetra Tech NUS, Inc

Client Sample ID: FMC 11

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-004	**Work Order #...:** KAE1A1AC	**Matrix.....:** WATER
Date Sampled...: 10/30/07 14:11	**Date Received..:** 11/02/07 09:20	**MS Run #.....:** 7310082
Prep Date.....: 11/06/07	**Analysis Date..:** 11/24/07	
Prep Batch #...: 7310138	**Analysis Time..:** 12:46	
Dilution Factor: 1.1	**Initial Wgt/Vol:** 910 mL	**Final Wgt/Vol..:** 1 mL
Analyst ID.....: 003200	**Instrument ID..:** 733	
	Method.....: SW846 8270C	

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	0.22	ug/L	0.057
Acenaphthylene	ND	0.22	ug/L	0.051
Acetophenone	ND	1.1	ug/L	0.051
Anthracene	ND	0.22	ug/L	0.056
Atrazine	ND	1.1	ug/L	0.043
Benzo(a)anthracene	ND	0.22	ug/L	0.045
Benzo(a)pyrene	ND	0.22	ug/L	0.048
Benzo(b)fluoranthene	ND	0.22	ug/L	0.034
Benzo(ghi)perylene	ND	0.22	ug/L	0.030
Benzo(k)fluoranthene	ND	0.22	ug/L	0.043
Benzaldehyde	ND	1.1	ug/L	0.060
1,1'-Biphenyl	ND	1.1	ug/L	0.066
bis(2-Chloroethoxy) methane	ND	1.1	ug/L	0.13
bis(2-Chloroethyl)-ether	ND	0.22	ug/L	0.051
bis(2-Ethylhexyl) phthalate	ND	1.1	ug/L	0.13
4-Bromophenyl phenyl ether	ND	1.1	ug/L	0.055
Butyl benzyl phthalate	ND	1.1	ug/L	0.15
Caprolactam	ND	1.1	ug/L	0.21
Carbazole	ND	0.22	ug/L	0.057
4-Chloroaniline	ND	1.1	ug/L	0.051
4-Chloro-3-methylphenol	ND	1.1	ug/L	0.065
2-Chloronaphthalene	ND	0.22	ug/L	0.049
2-Chlorophenol	ND	1.1	ug/L	0.050
4-Chlorophenyl phenyl ether	ND	1.1	ug/L	0.047
Chrysene	ND	0.22	ug/L	0.039
Dibenz(a,h)anthracene	ND	0.22	ug/L	0.038
Dibenzofuran	ND	1.1	ug/L	0.059
3,3'-Dichlorobenzidine	ND	1.1	ug/L	0.045
2,4-Dichlorophenol	ND	0.22	ug/L	0.053
Diethyl phthalate	ND	1.1	ug/L	0.27
2,4-Dimethylphenol	ND	1.1	ug/L	0.057
Dimethyl phthalate	ND	1.1	ug/L	0.046

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: FMC 11

GC/MS Semivolatiles

Lot-Sample #...: C7K020216-004 **Work Order #...:** KAE1A1AC **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-butyl phthalate	ND	1.1	ug/L	0.051
4,6-Dinitro-2-methylphenol	ND	5.5	ug/L	1.6
2,4-Dinitrophenol	ND	5.5	ug/L	1.4
2,4-Dinitrotoluene	ND	1.1	ug/L	0.050
2,6-Dinitrotoluene	ND	1.1	ug/L	0.056
Di-n-octyl phthalate	ND	1.1	ug/L	0.047
Fluoranthene	ND	0.22	ug/L	0.054
Fluorene	ND	0.22	ug/L	0.060
Hexachlorobenzene	ND	0.22	ug/L	0.048
Hexachlorobutadiene	ND	0.22	ug/L	0.041
Hexachlorocyclopentadiene	ND	1.1	ug/L	0.088
Hexachloroethane	ND	1.1	ug/L	0.048
Indeno(1,2,3-cd)pyrene	ND	0.22	ug/L	0.052
Isophorone	ND	1.1	ug/L	0.052
2-Methylnaphthalene	ND	0.22	ug/L	0.051
2-Methylphenol	ND	1.1	ug/L	0.056
4-Methylphenol	ND	1.1	ug/L	0.081
Naphthalene	ND	0.22	ug/L	0.047
2-Nitroaniline	ND	5.5	ug/L	0.052
3-Nitroaniline	ND	5.5	ug/L	0.044
4-Nitroaniline	ND	5.5	ug/L	0.028
Nitrobenzene	ND	0.22	ug/L	0.070
2-Nitrophenol	ND	1.1	ug/L	0.059
4-Nitrophenol	ND	5.5	ug/L	0.077
N-Nitrosodi-n-propylamine	ND	0.22	ug/L	0.065
N-Nitrosodiphenylamine	ND	0.22	ug/L	0.054
2,2'-oxybis(1-Chloropropane)	ND	0.22	ug/L	0.029
Pentachlorophenol	ND	1.1	ug/L	0.091
Phenanthrene	**0.26**	**0.22**	**ug/L**	**0.061**
Phenol	ND	0.22	ug/L	0.024
Pyrene	ND	0.22	ug/L	0.062
2,4,5-Trichlorophenol	ND	1.1	ug/L	0.069
2,4,6-Trichlorophenol	ND	1.1	ug/L	0.062

(Continued on next page)

TestAmerica Pittsburgh

Semivolatile REPORT SW-846 Method 8270

Data file : \\PITSVR06\D\chem\733.i\N112407n.b\N1124005.D
Lab Smp Id: KAE1A1AC Client Smp ID: FMC 11
Inj Date : 24-NOV-2007 12:46
Operator : 3200 Inst ID: 733.i
Smp Info : C7K020216-004 11/6/07 h2o (7310138)8270c
Misc Info : KAE1A1AC,N112407n.b,8270ll.m,padep.sub
Comment :
Method : \\PITSVR06\D\chem\733.i\N112407n.b\8270ll.m
Meth Date : 25-Nov-2007 21:27 piccolinov Quant Type: ISTD
Cal Date : 24-NOV-2007 06:21 Cal File: N1124IC2.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: padep.sub
Target Version: 4.14
Processing Host: PITPC-502

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	910.000	Volume of sample extracted (mL)
Vi	2.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (ug/L)
* 1	1,4-Dichlorobenzene-d4	152	4.986	4.984	(1.000)	93291	8.00000	
* 2	Naphthalene-d8	136	6.460	6.458	(1.000)	387672	8.00000	
* 3	Acenaphthene-d10	164	9.056	9.054	(1.000)	264033	8.00000	
* 4	Phenanthrene-d10	188	11.621	11.618	(1.000)	455985	8.00000	
* 5	Chrysene-d12	240	16.402	16.394	(1.000)	473394	8.00000	
* 6	Perylene-d12	264	18.923	18.921	(1.000)	392917	8.00000	
198	1,4-Dioxane	88	Compound Not Detected.					
10	N-Nitrosodimethylamine	74	Compound Not Detected.					
9	Pyridine	79	Compound Not Detected.					
16	Methyl methanesulfonate	80	Compound Not Detected.					
206	Benzaldehyde	77	Compound Not Detected.					
21	Aniline	93	Compound Not Detected.					
22	Phenol	94	Compound Not Detected.					
23	bis(2-Chloroethyl)ether	93	Compound Not Detected.					
24	2-Chlorophenol	128	Compound Not Detected.					
26	1,3-Dichlorobenzene	146	Compound Not Detected.					
27	1,4-Dichlorobenzene	146	Compound Not Detected.					
28	1,2-Dichlorobenzene	146	Compound Not Detected.					
29	Benzyl Alcohol	108	Compound Not Detected.					
30	2-Methylphenol	108	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (NG)	CONCENTRATIONS FINAL (ug/L)
31 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
37 Acetophenone	105	Compound Not Detected.					
32 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
192 4-Methylphenol	108	Compound Not Detected.					
34 Hexachloroethane	117	Compound Not Detected.					
35 Nitrobenzene	77	Compound Not Detected.					
41 Isophorone	82	Compound Not Detected.					
42 2-Nitrophenol	139	Compound Not Detected.					
43 2,4-Dimethylphenol	107	Compound Not Detected.					
44 bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
48 2,4-Dichlorophenol	162	Compound Not Detected.					
49 Benzoic Acid	122	Compound Not Detected.					
50 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
51 Naphthalene	128	Compound Not Detected.					
52 4-Chloroaniline	127	Compound Not Detected.					
54 2,6-Dichlorophenol	162	Compound Not Detected.					
56 Hexachlorobutadiene	224	Compound Not Detected.					
208 Caprolactam	113	Compound Not Detected.					
59 4-Chloro-3-Methylphenol	107	Compound Not Detected.					
62 2-Methylnaphthalene	142	Compound Not Detected.					
63 1-Methylnaphthalene	142	Compound Not Detected.					
64 Hexachlorocyclopentadiene	236	Compound Not Detected.					
66 2,4,6-Trichlorophenol	196	Compound Not Detected.					
67 2,4,5-Trichlorophenol	196	Compound Not Detected.					
209 1,1'-Biphenyl	154	Compound Not Detected.					
70 2-Chloronaphthalene	162	Compound Not Detected.					
73 2-Nitroaniline	65	Compound Not Detected.					
76 Dimethylphthalate	163	Compound Not Detected.					
78 2,6-Dinitrotoluene	165	Compound Not Detected.					
79 Acenaphthylene	152	Compound Not Detected.					
81 3-Nitroaniline	138	Compound Not Detected.					
82 Acenaphthene	153	Compound Not Detected.					
83 2,4-Dinitrophenol	184	Compound Not Detected.					
85 4-Nitrophenol	109	Compound Not Detected.					
86 Dibenzofuran	168	Compound Not Detected.					
87 2,4-Dinitrotoluene	165	Compound Not Detected.					
91 2,3,5,6-Tetrachlorophenol	231	Compound Not Detected.					
88 2,3,4,6-Tetrachlorophenol	231	Compound Not Detected.					
92 2-Naphthylamine	143	Compound Not Detected.					
93 Diethylphthalate	149	Compound Not Detected.					
94 Fluorene	166	Compound Not Detected.					
95 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
96 4-Nitroaniline	138	Compound Not Detected.					
98 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
99 N-Nitrosodiphenylamine (1)	169	Compound Not Detected.					
100 1,2-Diphenylhydrazine	77	Compound Not Detected.					
106 4-Bromophenyl-phenylether	248	Compound Not Detected.					
107 Hexachlorobenzene	283	Compound Not Detected.					
210 Atrazine	200	Compound Not Detected.					
111 Pentachlorophenol	265	Compound Not Detected.					
115 Phenanthrene	178	11.663	11.661	(1.004)	29587	0.47342	0.26012
116 Anthracene	178	Compound Not Detected.					
119 Carbazole	167	12.043	12.035	(1.036)	4354	0.07471	0.041050
120 Di-n-Butylphthalate	149	Compound Not Detected.					

TestAmerica Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 06-NOV-2007 21:40
End Cal Date : 07-NOV-2007 00:32
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\PITSVR06\D\chem\733.i\N110607.b\8270ll.m
Last Edit : 07-Nov-2007 00:56 piccolinov
Curve Type : Average

Compound	0.40000 Level 1	2.000 Level 2	4.000 Level 3	10.000 Level 4	20.000 Level 5	40.000 Level 6	RRF	% RSD	
	80.000 Level 7								
113 4-Aminobiphenyl	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	<-
114 Pronamide	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	<-
115 Phenanthrene	1.01466	1.03948	1.05893	1.08617	1.07807	1.10746			
	1.16844						1.07903	4.629	
116 Anthracene	0.95048	1.03136	1.04331	1.05873	1.06897	1.10060			
	1.09913						1.05037	4.871	
117 Dinoseb	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	<-
118 Disulfoton	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	<-
119 Carbazole	0.84518	0.91108	0.92055	0.98350	0.98287	1.01524			
	1.00675						0.95217	6.505	
120 Di-n-Butylphthalate	1.06738	1.07438	1.09779	1.17372	1.15412	1.24365			
	1.20314						1.14488	5.887	
121 4-Nitroquinoline 1-oxide	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	<-
122 Methapyrilene	+++++	+++++	+++++	+++++	+++++	+++++			
	+++++						+++++	+++++	<-
123 Fluoranthene	1.08535	1.06402	1.06864	1.10945	1.12561	1.17718			
	1.18256						1.11612	4.358	

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **M.MARTIN** **DATE:** **FEBRUARY 18, 2008**

FROM: **TERRI L. SOLOMON** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – SELECT TOTAL AND DISSOLVED METALS**
MARTIN STATE AIRPORT
SAMPLE DELIVERY GROUP (SDG) – C7K020216

SAMPLES: 15/Aqueous/

FMC 10	FMC 11	FMC 12
FMC 13	FMC 16	FMC 18
FMC 20	FMC 22	FMC 24
FMC 25	FMC 26	FMC 3
FMC 5	FMC 7	FMC 9

Overview

The sample set for Martin State Airport, SDG C7K020216, consists of fifteen (15) aqueous environmental samples. No field duplicate pairs were included within this SDG.

All samples were analyzed for select total and dissolved metals including antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium and zinc. The samples were collected by Tetra Tech NUS on October 30, 31 and November 1, 2007 and analyzed by Test America. Metals analyses were conducted using SW-846 method 6020. Mercury analyses were conducted using SW-846 method 7470A.

The findings offered in this report are based upon a general review of all available data. The data review was based on data completeness, holding times, initial and continuing calibration verification results, laboratory method / preparation blank results, ICP interference results, laboratory control sample recoveries, matrix spike / matrix spike duplicate recoveries, ICP serial dilution results, detection limits and analyte quantitation.

Areas of concern with respect to data quality are listed below.

Major Problems – None.

Minor Problems

- The contract required detection limit (CRDL) percent recoveries for arsenic and nickel were > 110% quality control limit affecting all samples. Positive results < 2X CRDL reported for the aforementioned analytes were qualified as biased high, "K".

- The CRDL percent recovery for lead was < 90% quality control limit affecting all samples. Positive results < 2X CRDL and nondetects reported for lead were qualified as biased low, "L" and "UL", respectively.

- The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Antimony	0.28 ug/L	1.4 ug/L
Arsenic	0.26 ug/L	1.3 ug/L
Chromium	0.36 ug/L	1.8 ug/L
Chromium[(2)]	0.40 ug/L	2.0 ug/L
Copper	0.16 ug/L	0.8 ug/L
Lead	0.04 ug/L	0.2 ug/L
Mercury[(1)]	0.059 ug/L	0.295 ug/L
Selenium	1.08 ug/L	5.4 ug/L
Thallium	0.05 ug/L	0.25 ug/L
Zinc[(1)]	1.6 ug/L	8.0 ug/L

(1) Maximum concentration present in a total metals preparation blank.
(2) Maximum concentration present in a dissolved metals preparation blank.

An action level of 5X the maximum contaminant level has been used to evaluate sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level reported for antimony, lead, mercury, thallium and zinc were qualified "B" as a result of laboratory blank contamination.

- The matrix spike / matrix spike duplicate percent recoveries for mercury were < 75% quality control limit affecting the total metals analyses. The nondetected results reported for mercury in the affected samples were qualified as biased low, "UL".

Notes

The nondetected results on the EDD were reported to the reporting limit. The nondetected results should be reported to the method detection limit (MDL). The results reported on the EDD were amended to the MDL.

Executive Summary

Laboratory Performance: The CRDL percent recoveries for arsenic, lead and nickel were outside the 90-110% quality control limits. Several analytes were present in the laboratory method / preparation blanks.

Other Factors Affecting Data Quality: The matrix spike / matrix spike duplicate percent recoveries for mercury were < 75% quality control limit affecting the total metals analyses.

The data for these analyses were reviewed with reference to Region III modifications to the "National Functional Guidelines for Inorganic Data Validation", April 1993.

The text of this report has been formulated to address only those problem areas affecting data quality.

Tetra Tech NUS
Terri L. Solomon
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS-GFAA MSA's r < 0.995 / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O - Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DOT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient r < 0.995
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 10	nsample	FMC 10	nsample	FMC 11
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216003	lab_id	C7K020216003	lab_id	C7K020216004
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRÍFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	5	U	
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	0.19	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.35	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	3.2	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.16	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.26	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 11
samp_date	10/30/2007
lab_id	C7K020216004
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.63	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	0.18	J	P

nsample	FMC 12
samp_date	10/30/2007
lab_id	C7K020216005
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	5	U	
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	0.52	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	FMC 12
samp_date	10/30/2007
lab_id	C7K020216005
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	1.3		
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	0.29	J	P

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 13	nsample	FMC 13	nsample	FMC 16
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/31/2007
lab_id	C7K020216006	lab_id	C7K020216006	lab_id	C7K020216007
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	5	U	
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.18	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.5	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	2.2		
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	0.33	J	P

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	3.1	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.14	B	B
CIS-1,2-DICHLOROETHENE	UG/L	1.1		
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 16	nsample	FMC 18	nsample	FMC 18
samp_date	10/31/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216007	lab_id	C7K020216008	lab_id	C7K020216008
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	3.1		
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	0.73	J	P

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.8	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.14	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.22	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.4	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

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SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 20	nsample	FMC 20	nsample	FMC 22
samp_date	10/31/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216009	lab_id	C7K020216009	lab_id	C7K020216010
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	5	U	
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.14	B	B
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.36	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.6	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.15	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.3	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 22
samp_date	10/31/2007
lab_id	C7K020216010
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.45	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

nsample	FMC 24
samp_date	10/30/2007
lab_id	C7K020216001
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.8	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	FMC 24
samp_date	10/30/2007
lab_id	C7K020216001
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.27	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 25
samp_date	11/1/2007
lab_id	C7K020216014
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	3.8	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	FMC 25
samp_date	11/1/2007
lab_id	C7K020216014
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	1	U	
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

nsample	FMC 26
samp_date	11/1/2007
lab_id	C7K020216015
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.7	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.14	B	B
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 26
samp_date	11/1/2007
lab_id	C7K020216015
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	1	U	
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

nsample	FMC 3
samp_date	10/31/2007
lab_id	C7K020216011
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	5.4	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.26	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.25	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	FMC 3
samp_date	10/31/2007
lab_id	C7K020216011
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.53	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 5	nsample	FMC 5	nsample	FMC 7
samp_date	10/31/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216012	lab_id	C7K020216012	lab_id	C7K020216013
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.8	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	0.18	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.5	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	4.6	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.19	B	B
CIS-1,2-DICHLOROETHENE	UG/L	0.18	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	FMC 7
samp_date	10/31/2007
lab_id	C7K020216013
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.53	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

nsample	FMC 9
samp_date	10/30/2007
lab_id	C7K020216002
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	2.5	B	B
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	0.22	J	P
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	FMC 9
samp_date	10/30/2007
lab_id	C7K020216002
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	1	U	
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	0.32	J	P
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	0.13	J	P

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SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	TripBlank#1
samp_date	10/30/2007
lab_id	C7K020216016
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	3.3	J	EP
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	1	U	
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

nsample	TripBlank#1
samp_date	10/30/2007
lab_id	C7K020216016
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	0.24	J	P
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	1	U	
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

nsample	TripBlank#2
samp_date	10/30/2007
lab_id	C7K020216017
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	UG/L	1	U	
1,1,2,2-TETRACHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROETHANE	UG/L	1	U	
1,1,2-TRICHLOROTRIFLUOROET	UG/L	1	U	
1,1-DICHLOROETHANE	UG/L	1	U	
1,1-DICHLOROETHENE	UG/L	1	U	
1,2,4-TRICHLOROBENZENE	UG/L	1	U	
1,2-DIBROMO-3-CHLOROPROPA	UG/L	1	U	
1,2-DIBROMOETHANE	UG/L	1	U	
1,2-DICHLOROBENZENE	UG/L	1	U	
1,2-DICHLOROETHANE	UG/L	1	U	
1,2-DICHLOROPROPANE	UG/L	1	U	
1,3-DICHLOROBENZENE	UG/L	1	U	
1,4-DICHLOROBENZENE	UG/L	1	U	
2-BUTANONE	UG/L	5	U	
2-HEXANONE	UG/L	5	U	
4-METHYL-2-PENTANONE	UG/L	5	U	
ACETONE	UG/L	11	K	E
BENZENE	UG/L	1	U	
BROMODICHLOROMETHANE	UG/L	1	U	
BROMOFORM	UG/L	1	U	
BROMOMETHANE	UG/L	1	U	
CARBON DISULFIDE	UG/L	1	U	
CARBON TETRACHLORIDE	UG/L	1	U	
CHLOROBENZENE	UG/L	1	U	
CHLORODIBROMOMETHANE	UG/L	1	U	
CHLOROETHANE	UG/L	1	U	
CHLOROFORM	UG/L	1	U	
CHLOROMETHANE	UG/L	0.15	J	P
CIS-1,2-DICHLOROETHENE	UG/L	1	U	
CIS-1,3-DICHLOROPROPENE	UG/L	1	U	
CYCLOHEXANE	UG/L	1	U	
DICHLORODIFLUOROMETHANE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OV

nsample	TripBlank#2
samp_date	10/30/2007
lab_id	C7K020216017
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHYLBENZENE	UG/L	1	U	
ISOPROPYLBENZENE	UG/L	1	U	
METHYL ACETATE	UG/L	1	U	
METHYL CYCLOHEXANE	UG/L	1	U	
METHYL TERT-BUTYL ETHER	UG/L	1	U	
METHYLENE CHLORIDE	UG/L	1	U	
STYRENE	UG/L	1	U	
TETRACHLOROETHENE	UG/L	1	U	
TOLUENE	UG/L	0.39	J	P
TOTAL XYLENES	UG/L	3	U	
TRANS-1,2-DICHLOROETHENE	UG/L	1	U	
TRANS-1,3-DICHLOROPROPENE	UG/L	1	U	
TRICHLOROETHENE	UG/L	1	U	
TRICHLOROFLUOROMETHANE	UG/L	1	U	
VINYL CHLORIDE	UG/L	1	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 10DL	nsample	FMC 10DL	nsample	FMC 11DL
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216003	lab_id	C7K020216003	lab_id	C7K020216004
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.21	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.1	U	
2,4-DICHLOROPHENOL	UG/L	0.21	U	
2,4-DIMETHYLPHENOL	UG/L	1.1	U	
2,4-DINITROPHENOL	UG/L	5.3	U	
2,4-DINITROTOLUENE	UG/L	1.1	U	
2,6-DINITROTOLUENE	UG/L	1.1	U	
2-CHLORONAPHTHALENE	UG/L	0.21	U	
2-CHLOROPHENOL	UG/L	1.1	U	
2-METHYLNAPHTHALENE	UG/L	0.21	U	
2-METHYLPHENOL	UG/L	1.1	U	
2-NITROANILINE	UG/L	5.3	U	
2-NITROPHENOL	UG/L	1.1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.1	U	
3-NITROANILINE	UG/L	5.3	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.3	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.1	U	
4-CHLOROANILINE	UG/L	1.1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.1	U	
4-METHYLPHENOL	UG/L	1.1	U	
4-NITROANILINE	UG/L	5.3	U	
4-NITROPHENOL	UG/L	5.3	U	
ACENAPHTHENE	UG/L	0.21	U	
ACENAPHTHYLENE	UG/L	0.21	U	
ACETOPHENONE	UG/L	1.1	U	
ANTHRACENE	UG/L	0.21	U	
ATRAZINE	UG/L	1.1	U	
BENZALDEHYDE	UG/L	1.1	U	
BENZO(A)ANTHRACENE	UG/L	0.21	U	
BENZO(A)PYRENE	UG/L	0.21	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.21	U	
BENZO(G,H,I)PERYLENE	UG/L	0.21	U	
BENZO(K)FLUORANTHENE	UG/L	0.21	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.21	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.13	J	P
BUTYL BENZYL PHTHALATE	UG/L	1.1	U	
CAPROLACTAM	UG/L	1.1	U	
CARBAZOLE	UG/L	0.097	J	P
CHRYSENE	UG/L	0.21	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.21	U	
DIBENZOFURAN	UG/L	0.074	J	P
DIETHYL PHTHALATE	UG/L	1.1	U	
DIMETHYL PHTHALATE	UG/L	1.1	U	
DI-N-BUTYL PHTHALATE	UG/L	1.1	U	
DI-N-OCTYL PHTHALATE	UG/L	1.1	U	
FLUORANTHENE	UG/L	0.21	U	
FLUORENE	UG/L	0.21	U	
HEXACHLOROBENZENE	UG/L	0.21	U	
HEXACHLOROBUTADIENE	UG/L	0.21	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.1	U	
HEXACHLOROETHANE	UG/L	1.1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.21	U	
ISOPHORONE	UG/L	1.1	U	
NAPHTHALENE	UG/L	0.21	U	
NITROBENZENE	UG/L	0.21	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.21	U	
N-NITROSODIPHENYLAMINE	UG/L	0.21	U	
PENTACHLOROPHENOL	UG/L	1.1	U	
PHENANTHRENE	UG/L	0.32		
PHENOL	UG/L	0.21	U	
PYRENE	UG/L	0.21	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.22	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.1	U	
2,4-DICHLOROPHENOL	UG/L	0.22	U	
2,4-DIMETHYLPHENOL	UG/L	1.1	U	
2,4-DINITROPHENOL	UG/L	5.5	U	
2,4-DINITROTOLUENE	UG/L	1.1	U	
2,6-DINITROTOLUENE	UG/L	1.1	U	
2-CHLORONAPHTHALENE	UG/L	0.22	U	
2-CHLOROPHENOL	UG/L	1.1	U	
2-METHYLNAPHTHALENE	UG/L	0.22	U	
2-METHYLPHENOL	UG/L	1.1	U	
2-NITROANILINE	UG/L	5.5	U	
2-NITROPHENOL	UG/L	1.1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.1	U	
3-NITROANILINE	UG/L	5.5	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.5	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.1	U	
4-CHLOROANILINE	UG/L	1.1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.1	U	
4-METHYLPHENOL	UG/L	1.1	U	
4-NITROANILINE	UG/L	5.5	U	
4-NITROPHENOL	UG/L	5.5	U	
ACENAPHTHENE	UG/L	0.22	U	
ACENAPHTHYLENE	UG/L	0.22	U	
ACETOPHENONE	UG/L	1.1	U	
ANTHRACENE	UG/L	0.22	U	
ATRAZINE	UG/L	1.1	U	
BENZALDEHYDE	UG/L	1.1	U	
BENZO(A)ANTHRACENE	UG/L	0.22	U	
BENZO(A)PYRENE	UG/L	0.22	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 11DL	nsample	FMC 12DL	nsample	FMC 12DL
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216004	lab_id	C7K020216005	lab_id	C7K020216005
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.22	U	
BENZO(G,H,I)PERYLENE	UG/L	0.22	U	
BENZO(K)FLUORANTHENE	UG/L	0.22	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.22	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	1.1	U	
BUTYL BENZYL PHTHALATE	UG/L	1.1	U	
CAPROLACTAM	UG/L	1.1	U	
CARBAZOLE	UG/L	0.22	U	
CHRYSENE	UG/L	0.22	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.22	U	
DIBENZOFURAN	UG/L	1.1	U	
DIETHYL PHTHALATE	UG/L	1.1	U	
DIMETHYL PHTHALATE	UG/L	1.1	U	
DI-N-BUTYL PHTHALATE	UG/L	1.1	U	
DI-N-OCTYL PHTHALATE	UG/L	1.1	U	
FLUORANTHENE	UG/L	0.22	U	
FLUORENE	UG/L	0.22	U	
HEXACHLOROBENZENE	UG/L	0.22	U	
HEXACHLOROBUTADIENE	UG/L	0.22	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.1	U	
HEXACHLOROETHANE	UG/L	1.1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.22	U	
ISOPHORONE	UG/L	1.1	U	
NAPHTHALENE	UG/L	0.22	U	
NITROBENZENE	UG/L	0.22	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.22	U	
N-NITROSODIPHENYLAMINE	UG/L	0.22	U	
PENTACHLOROPHENOL	UG/L	1.1	U	
PHENANTHRENE	UG/L	0.26		
PHENOL	UG/L	0.22	U	
PYRENE	UG/L	0.22	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.21	U	
2,4,5-TRICHLOROPHENOL	UG/L	1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1	U	
2,4-DICHLOROPHENOL	UG/L	0.21	U	
2,4-DIMETHYLPHENOL	UG/L	1	U	
2,4-DINITROPHENOL	UG/L	5.2	U	
2,4-DINITROTOLUENE	UG/L	1	U	
2,6-DINITROTOLUENE	UG/L	1	U	
2-CHLORONAPHTHALENE	UG/L	0.21	U	
2-CHLOROPHENOL	UG/L	1	U	
2-METHYLNAPHTHALENE	UG/L	0.21	U	
2-METHYLPHENOL	UG/L	1	U	
2-NITROANILINE	UG/L	5.2	U	
2-NITROPHENOL	UG/L	1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1	U	
3-NITROANILINE	UG/L	5.2	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.2	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1	U	
4-CHLOROANILINE	UG/L	1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1	U	
4-METHYLPHENOL	UG/L	1	U	
4-NITROANILINE	UG/L	5.2	U	
4-NITROPHENOL	UG/L	5.2	U	
ACENAPHTHENE	UG/L	0.21	U	
ACENAPHTHYLENE	UG/L	0.21	U	
ACETOPHENONE	UG/L	1	U	
ANTHRACENE	UG/L	0.21	U	
ATRAZINE	UG/L	1	U	
BENZALDEHYDE	UG/L	1	U	
BENZO(A)ANTHRACENE	UG/L	0.21	U	
BENZO(A)PYRENE	UG/L	0.21	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.21	U	
BENZO(G,H,I)PERYLENE	UG/L	0.21	U	
BENZO(K)FLUORANTHENE	UG/L	0.21	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.21	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	1	U	
BUTYL BENZYL PHTHALATE	UG/L	1	U	
CAPROLACTAM	UG/L	1	U	
CARBAZOLE	UG/L	0.11	J	P
CHRYSENE	UG/L	0.21	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.21	U	
DIBENZOFURAN	UG/L	0.16	J	P
DIETHYL PHTHALATE	UG/L	1	U	
DIMETHYL PHTHALATE	UG/L	1	U	
DI-N-BUTYL PHTHALATE	UG/L	1	U	
DI-N-OCTYL PHTHALATE	UG/L	1	U	
FLUORANTHENE	UG/L	0.077	J	P
FLUORENE	UG/L	0.078	J	P
HEXACHLOROBENZENE	UG/L	0.21	U	
HEXACHLOROBUTADIENE	UG/L	0.21	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1	U	
HEXACHLOROETHANE	UG/L	1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.21	U	
ISOPHORONE	UG/L	1	U	
NAPHTHALENE	UG/L	0.21	U	
NITROBENZENE	UG/L	0.21	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.21	U	
N-NITROSODIPHENYLAMINE	UG/L	0.21	U	
PENTACHLOROPHENOL	UG/L	1	U	
PHENANTHRENE	UG/L	0.48		
PHENOL	UG/L	0.21	U	
PYRENE	UG/L	0.21	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 13DL	nsample	FMC 13DL	nsample	FMC 16DL
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/31/2007
lab_id	C7K020216006	lab_id	C7K020216006	lab_id	C7K020216007
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.22	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.1	U	
2,4-DICHLOROPHENOL	UG/L	0.22	U	
2,4-DIMETHYLPHENOL	UG/L	1.1	U	
2,4-DINITROPHENOL	UG/L	5.4	U	
2,4-DINITROTOLUENE	UG/L	1.1	U	
2,6-DINITROTOLUENE	UG/L	1.1	U	
2-CHLORONAPHTHALENE	UG/L	0.22	U	
2-CHLOROPHENOL	UG/L	1.1	U	
2-METHYLNAPHTHALENE	UG/L	0.22	U	
2-METHYLPHENOL	UG/L	1.1	U	
2-NITROANILINE	UG/L	5.4	U	
2-NITROPHENOL	UG/L	1.1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.1	U	
3-NITROANILINE	UG/L	5.4	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.4	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.1	U	
4-CHLOROANILINE	UG/L	1.1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.1	U	
4-METHYLPHENOL	UG/L	1.1	U	
4-NITROANILINE	UG/L	5.4	U	
4-NITROPHENOL	UG/L	5.4	U	
ACENAPHTHENE	UG/L	0.22	U	
ACENAPHTHYLENE	UG/L	0.22	U	
ACETOPHENONE	UG/L	1.1	U	
ANTHRACENE	UG/L	0.22	U	
ATRAZINE	UG/L	1.1	U	
BENZALDEHYDE	UG/L	1.1	U	
BENZO(A)ANTHRACENE	UG/L	0.22	U	
BENZO(A)PYRENE	UG/L	0.22	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.22	U	
BENZO(G,H,I)PERYLENE	UG/L	0.22	U	
BENZO(K)FLUORANTHENE	UG/L	0.22	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.22	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	1.1	U	
BUTYL BENZYL PHTHALATE	UG/L	0.17	J	P
CAPROLACTAM	UG/L	1.1	U	
CARBAZOLE	UG/L	0.19	J	P
CHRYSENE	UG/L	0.22	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.22	U	
DIBENZOFURAN	UG/L	1.1	U	
DIETHYL PHTHALATE	UG/L	1.1	U	
DIMETHYL PHTHALATE	UG/L	1.1	U	
DI-N-BUTYL PHTHALATE	UG/L	1.1	U	
DI-N-OCTYL PHTHALATE	UG/L	1.1	U	
FLUORANTHENE	UG/L	0.08	J	P
FLUORENE	UG/L	0.22	U	
HEXACHLOROBENZENE	UG/L	0.22	U	
HEXACHLOROBUTADIENE	UG/L	0.22	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.1	U	
HEXACHLOROETHANE	UG/L	1.1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.22	U	
ISOPHORONE	UG/L	1.1	U	
NAPHTHALENE	UG/L	0.22	U	
NITROBENZENE	UG/L	0.22	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.22	U	
N-NITROSODIPHENYLAMINE	UG/L	0.22	U	
PENTACHLOROPHENOL	UG/L	1.1	U	
PHENANTHRENE	UG/L	0.42		
PHENOL	UG/L	0.22	U	
PYRENE	UG/L	0.064	J	P

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.22	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.1	U	
2,4-DICHLOROPHENOL	UG/L	0.22	U	
2,4-DIMETHYLPHENOL	UG/L	1.1	U	
2,4-DINITROPHENOL	UG/L	5.4	U	
2,4-DINITROTOLUENE	UG/L	1.1	U	
2,6-DINITROTOLUENE	UG/L	1.1	U	
2-CHLORONAPHTHALENE	UG/L	0.22	U	
2-CHLOROPHENOL	UG/L	1.1	U	
2-METHYLNAPHTHALENE	UG/L	0.22	U	
2-METHYLPHENOL	UG/L	1.1	U	
2-NITROANILINE	UG/L	5.4	U	
2-NITROPHENOL	UG/L	1.1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.1	U	
3-NITROANILINE	UG/L	5.4	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.4	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.1	U	
4-CHLOROANILINE	UG/L	1.1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.1	U	
4-METHYLPHENOL	UG/L	1.1	U	
4-NITROANILINE	UG/L	5.4	U	
4-NITROPHENOL	UG/L	5.4	U	
ACENAPHTHENE	UG/L	0.22	U	
ACENAPHTHYLENE	UG/L	0.22	U	
ACETOPHENONE	UG/L	1.1	U	
ANTHRACENE	UG/L	0.22	U	
ATRAZINE	UG/L	1.1	U	
BENZALDEHYDE	UG/L	1.1	U	
BENZO(A)ANTHRACENE	UG/L	0.22	U	
BENZO(A)PYRENE	UG/L	0.22	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 16DL
samp_date	10/31/2007
lab_id	C7K020216007
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.22	U	
BENZO(G,H,I)PERYLENE	UG/L	0.22	U	
BENZO(K)FLUORANTHENE	UG/L	0.22	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.22	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.16	J	P
BUTYL BENZYL PHTHALATE	UG/L	1.1	U	
CAPROLACTAM	UG/L	1.1	U	
CARBAZOLE	UG/L	0.22	U	
CHRYSENE	UG/L	0.22	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.22	U	
DIBENZOFURAN	UG/L	1.1	U	
DIETHYL PHTHALATE	UG/L	1.1	U	
DIMETHYL PHTHALATE	UG/L	1.1	U	
DI-N-BUTYL PHTHALATE	UG/L	1.1	U	
DI-N-OCTYL PHTHALATE	UG/L	1.1	U	
FLUORANTHENE	UG/L	0.22	U	
FLUORENE	UG/L	0.22	U	
HEXACHLOROBENZENE	UG/L	0.22	U	
HEXACHLOROBUTADIENE	UG/L	0.22	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.1	U	
HEXACHLOROETHANE	UG/L	1.1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.22	U	
ISOPHORONE	UG/L	1.1	U	
NAPHTHALENE	UG/L	0.22	U	
NITROBENZENE	UG/L	0.22	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.22	U	
N-NITROSODIPHENYLAMINE	UG/L	0.22	U	
PENTACHLOROPHENOL	UG/L	1.1	U	
PHENANTHRENE	UG/L	0.22	U	
PHENOL	UG/L	0.22	U	
PYRENE	UG/L	0.22	U	

nsample	FMC 18DL
samp_date	10/31/2007
lab_id	C7K020216008
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.22	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.1	U	
2,4-DICHLOROPHENOL	UG/L	0.22	U	
2,4-DIMETHYLPHENOL	UG/L	1.1	U	
2,4-DINITROPHENOL	UG/L	5.5	U	
2,4-DINITROTOLUENE	UG/L	1.1	U	
2,6-DINITROTOLUENE	UG/L	1.1	U	
2-CHLORONAPHTHALENE	UG/L	0.22	U	
2-CHLOROPHENOL	UG/L	1.1	U	
2-METHYLNAPHTHALENE	UG/L	0.22	U	
2-METHYLPHENOL	UG/L	1.1	U	
2-NITROANILINE	UG/L	5.5	U	
2-NITROPHENOL	UG/L	1.1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.1	U	
3-NITROANILINE	UG/L	5.5	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.5	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.1	U	
4-CHLOROANILINE	UG/L	1.1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.1	U	
4-METHYLPHENOL	UG/L	1.1	U	
4-NITROANILINE	UG/L	5.5	U	
4-NITROPHENOL	UG/L	5.5	U	
ACENAPHTHENE	UG/L	0.22	U	
ACENAPHTHYLENE	UG/L	0.22	U	
ACETOPHENONE	UG/L	1.1	U	
ANTHRACENE	UG/L	0.22	U	
ATRAZINE	UG/L	1.1	U	
BENZALDEHYDE	UG/L	1.1	U	
BENZO(A)ANTHRACENE	UG/L	0.22	U	
BENZO(A)PYRENE	UG/L	0.22	U	

nsample	FMC 18DL
samp_date	10/31/2007
lab_id	C7K020216008
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.22	U	
BENZO(G,H,I)PERYLENE	UG/L	0.22	U	
BENZO(K)FLUORANTHENE	UG/L	0.22	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.22	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	1.1	U	
BUTYL BENZYL PHTHALATE	UG/L	1.1	U	
CAPROLACTAM	UG/L	1.1	U	
CARBAZOLE	UG/L	0.22	U	
CHRYSENE	UG/L	0.22	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.22	U	
DIBENZOFURAN	UG/L	1.1	U	
DIETHYL PHTHALATE	UG/L	1.1	U	
DIMETHYL PHTHALATE	UG/L	1.1	U	
DI-N-BUTYL PHTHALATE	UG/L	1.1	U	
DI-N-OCTYL PHTHALATE	UG/L	1.1	U	
FLUORANTHENE	UG/L	0.22	U	
FLUORENE	UG/L	0.22	U	
HEXACHLOROBENZENE	UG/L	0.22	U	
HEXACHLOROBUTADIENE	UG/L	0.22	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.1	U	
HEXACHLOROETHANE	UG/L	1.1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.22	U	
ISOPHORONE	UG/L	1.1	U	
NAPHTHALENE	UG/L	0.22	U	
NITROBENZENE	UG/L	0.22	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.22	U	
N-NITROSODIPHENYLAMINE	UG/L	0.22	U	
PENTACHLOROPHENOL	UG/L	1.1	U	
PHENANTHRENE	UG/L	0.13	J	P
PHENOL	UG/L	0.22	U	
PYRENE	UG/L	0.22	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 20DL
samp_date	10/31/2007
lab_id	C7K020216009
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.99	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.2	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.99	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.99	U	
2,4-DICHLOROPHENOL	UG/L	0.2	U	
2,4-DIMETHYLPHENOL	UG/L	0.99	U	
2,4-DINITROPHENOL	UG/L	5	U	
2,4-DINITROTOLUENE	UG/L	0.99	U	
2,6-DINITROTOLUENE	UG/L	0.99	U	
2-CHLORONAPHTHALENE	UG/L	0.2	U	
2-CHLOROPHENOL	UG/L	0.99	U	
2-METHYLNAPHTHALENE	UG/L	0.2	U	
2-METHYLPHENOL	UG/L	0.99	U	
2-NITROANILINE	UG/L	5	U	
2-NITROPHENOL	UG/L	0.99	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.99	U	
3-NITROANILINE	UG/L	5	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.99	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.99	U	
4-CHLOROANILINE	UG/L	0.99	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.99	U	
4-METHYLPHENOL	UG/L	0.99	U	
4-NITROANILINE	UG/L	5	U	
4-NITROPHENOL	UG/L	5	U	
ACENAPHTHENE	UG/L	0.2	U	
ACENAPHTHYLENE	UG/L	0.2	U	
ACETOPHENONE	UG/L	0.99	U	
ANTHRACENE	UG/L	0.2	U	
ATRAZINE	UG/L	0.99	U	
BENZALDEHYDE	UG/L	0.99	U	
BENZO(A)ANTHRACENE	UG/L	0.2	U	
BENZO(A)PYRENE	UG/L	0.2	U	

nsample	FMC 20DL
samp_date	10/31/2007
lab_id	C7K020216009
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.2	U	
BENZO(G,H,I)PERYLENE	UG/L	0.2	U	
BENZO(K)FLUORANTHENE	UG/L	0.2	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.99	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.99	U	
BUTYL BENZYL PHTHALATE	UG/L	0.99	U	
CAPROLACTAM	UG/L	0.99	U	
CARBAZOLE	UG/L	0.2	U	
CHRYSENE	UG/L	0.2	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.2	U	
DIBENZOFURAN	UG/L	0.99	U	
DIETHYL PHTHALATE	UG/L	0.99	U	
DIMETHYL PHTHALATE	UG/L	0.99	U	
DI-N-BUTYL PHTHALATE	UG/L	0.99	U	
DI-N-OCTYL PHTHALATE	UG/L	0.99	U	
FLUORANTHENE	UG/L	0.2	U	
FLUORENE	UG/L	0.2	U	
HEXACHLOROBENZENE	UG/L	0.2	U	
HEXACHLOROBUTADIENE	UG/L	0.2	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.99	U	
HEXACHLOROETHANE	UG/L	0.99	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.2	U	
ISOPHORONE	UG/L	0.99	U	
NAPHTHALENE	UG/L	0.2	U	
NITROBENZENE	UG/L	0.2	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.2	U	
N-NITROSODIPHENYLAMINE	UG/L	0.2	U	
PENTACHLOROPHENOL	UG/L	0.99	U	
PHENANTHRENE	UG/L	0.084	J	P
PHENOL	UG/L	0.2	U	
PYRENE	UG/L	0.2	U	

nsample	FMC 22DL
samp_date	10/31/2007
lab_id	C7K020216010
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.96	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.19	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.96	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.96	U	
2,4-DICHLOROPHENOL	UG/L	0.19	U	
2,4-DIMETHYLPHENOL	UG/L	0.96	U	
2,4-DINITROPHENOL	UG/L	4.8	U	
2,4-DINITROTOLUENE	UG/L	0.96	U	
2,6-DINITROTOLUENE	UG/L	0.96	U	
2-CHLORONAPHTHALENE	UG/L	0.19	U	
2-CHLOROPHENOL	UG/L	0.96	U	
2-METHYLNAPHTHALENE	UG/L	0.19	U	
2-METHYLPHENOL	UG/L	0.96	U	
2-NITROANILINE	UG/L	4.8	U	
2-NITROPHENOL	UG/L	0.96	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.96	U	
3-NITROANILINE	UG/L	4.8	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.8	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.96	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.96	U	
4-CHLOROANILINE	UG/L	0.96	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.96	U	
4-METHYLPHENOL	UG/L	0.96	U	
4-NITROANILINE	UG/L	4.8	U	
4-NITROPHENOL	UG/L	4.8	U	
ACENAPHTHENE	UG/L	0.19	U	
ACENAPHTHYLENE	UG/L	0.19	U	
ACETOPHENONE	UG/L	0.96	U	
ANTHRACENE	UG/L	0.19	U	
ATRAZINE	UG/L	0.96	U	
BENZALDEHYDE	UG/L	0.96	U	
BENZO(A)ANTHRACENE	UG/L	0.095	J	P
BENZO(A)PYRENE	UG/L	0.15	J	P

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 22DL	nsample	FMC 24DL	nsample	FMC 24DL
samp_date	10/31/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216010	lab_id	C7K020216001	lab_id	C7K020216001
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.11	J	P
BENZO(G,H,I)PERYLENE	UG/L	0.26		
BENZO(K)FLUORANTHENE	UG/L	0.2		
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.96	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.19	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.96	U	
BUTYL BENZYL PHTHALATE	UG/L	0.96	U	
CAPROLACTAM	UG/L	0.96	U	
CARBAZOLE	UG/L	0.19	U	
CHRYSENE	UG/L	0.16	J	P
DIBENZO(A,H)ANTHRACENE	UG/L	0.27		
DIBENZOFURAN	UG/L	0.96	U	
DIETHYL PHTHALATE	UG/L	0.96	U	
DIMETHYL PHTHALATE	UG/L	0.96	U	
DI-N-BUTYL PHTHALATE	UG/L	0.96	U	
DI-N-OCTYL PHTHALATE	UG/L	0.96	U	
FLUORANTHENE	UG/L	0.19	U	
FLUORENE	UG/L	0.19	U	
HEXACHLOROBENZENE	UG/L	0.19	U	
HEXACHLOROBUTADIENE	UG/L	0.19	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.96	U	
HEXACHLOROETHANE	UG/L	0.96	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.22		
ISOPHORONE	UG/L	0.96	U	
NAPHTHALENE	UG/L	0.19	U	
NITROBENZENE	UG/L	0.19	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.19	U	
N-NITROSODIPHENYLAMINE	UG/L	0.19	U	
PENTACHLOROPHENOL	UG/L	0.96	U	
PHENANTHRENE	UG/L	0.19	U	
PHENOL	UG/L	0.19	U	
PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1.2	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.24	U	
2,4,5-TRICHLOROPHENOL	UG/L	1.2	U	
2,4,6-TRICHLOROPHENOL	UG/L	1.2	U	
2,4-DICHLOROPHENOL	UG/L	0.24	U	
2,4-DIMETHYLPHENOL	UG/L	1.2	U	
2,4-DINITROPHENOL	UG/L	6	U	
2,4-DINITROTOLUENE	UG/L	1.2	U	
2,6-DINITROTOLUENE	UG/L	1.2	U	
2-CHLORONAPHTHALENE	UG/L	0.24	U	
2-CHLOROPHENOL	UG/L	1.2	U	
2-METHYLNAPHTHALENE	UG/L	0.24	U	
2-METHYLPHENOL	UG/L	1.2	U	
2-NITROANILINE	UG/L	6	U	
2-NITROPHENOL	UG/L	1.2	U	
3,3'-DICHLOROBENZIDINE	UG/L	1.2	U	
3-NITROANILINE	UG/L	6	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	6	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1.2	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1.2	U	
4-CHLOROANILINE	UG/L	1.2	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1.2	U	
4-METHYLPHENOL	UG/L	1.2	U	
4-NITROANILINE	UG/L	6	U	
4-NITROPHENOL	UG/L	6	U	
ACENAPHTHENE	UG/L	0.24	U	
ACENAPHTHYLENE	UG/L	0.24	U	
ACETOPHENONE	UG/L	1.2	U	
ANTHRACENE	UG/L	0.24	U	
ATRAZINE	UG/L	1.2	U	
BENZALDEHYDE	UG/L	1.2	U	
BENZO(A)ANTHRACENE	UG/L	0.24	U	
BENZO(A)PYRENE	UG/L	0.24	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.24	U	
BENZO(G,H,I)PERYLENE	UG/L	0.24	U	
BENZO(K)FLUORANTHENE	UG/L	0.24	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1.2	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.24	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.5	J	P
BUTYL BENZYL PHTHALATE	UG/L	0.37	J	P
CAPROLACTAM	UG/L	1.2	U	
CARBAZOLE	UG/L	0.24	U	
CHRYSENE	UG/L	0.24	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.24	U	
DIBENZOFURAN	UG/L	1.2	U	
DIETHYL PHTHALATE	UG/L	1.2	U	
DIMETHYL PHTHALATE	UG/L	1.2	U	
DI-N-BUTYL PHTHALATE	UG/L	1.2	U	
DI-N-OCTYL PHTHALATE	UG/L	1.2	U	
FLUORANTHENE	UG/L	0.24	U	
FLUORENE	UG/L	0.24	U	
HEXACHLOROBENZENE	UG/L	0.24	U	
HEXACHLOROBUTADIENE	UG/L	0.24	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1.2	U	
HEXACHLOROETHANE	UG/L	1.2	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.24	U	
ISOPHORONE	UG/L	1.2	U	
NAPHTHALENE	UG/L	0.24	U	
NITROBENZENE	UG/L	0.24	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.24	U	
N-NITROSODIPHENYLAMINE	UG/L	0.24	U	
PENTACHLOROPHENOL	UG/L	1.2	U	
PHENANTHRENE	UG/L	0.24	U	
PHENOL	UG/L	0.24	U	
PYRENE	UG/L	0.24	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 25DL	nsample	FMC 25DL	nsample	FMC 26DL
samp_date	11/1/2007	samp_date	11/1/2007	samp_date	11/1/2007
lab_id	C7K020216014	lab_id	C7K020216014	lab_id	C7K020216015
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.96	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.19	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.96	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.96	U	
2,4-DICHLOROPHENOL	UG/L	0.19	U	
2,4-DIMETHYLPHENOL	UG/L	0.96	U	
2,4-DINITROPHENOL	UG/L	4.8	U	
2,4-DINITROTOLUENE	UG/L	0.96	U	
2,6-DINITROTOLUENE	UG/L	0.96	U	
2-CHLORONAPHTHALENE	UG/L	0.19	U	
2-CHLOROPHENOL	UG/L	0.96	U	
2-METHYLNAPHTHALENE	UG/L	0.19	U	
2-METHYLPHENOL	UG/L	0.96	U	
2-NITROANILINE	UG/L	4.8	U	
2-NITROPHENOL	UG/L	0.96	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.96	U	
3-NITROANILINE	UG/L	4.8	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.8	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.96	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.96	U	
4-CHLOROANILINE	UG/L	0.96	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.96	U	
4-METHYLPHENOL	UG/L	0.96	U	
4-NITROANILINE	UG/L	4.8	U	
4-NITROPHENOL	UG/L	4.8	U	
ACENAPHTHENE	UG/L	0.19	U	
ACENAPHTHYLENE	UG/L	0.19	U	
ACETOPHENONE	UG/L	0.96	U	
ANTHRACENE	UG/L	0.19	U	
ATRAZINE	UG/L	0.96	U	
BENZALDEHYDE	UG/L	0.96	U	
BENZO(A)ANTHRACENE	UG/L	0.19	U	
BENZO(A)PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.19	U	
BENZO(G,H,I)PERYLENE	UG/L	0.19	U	
BENZO(K)FLUORANTHENE	UG/L	0.19	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.96	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.19	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.96	U	
BUTYL BENZYL PHTHALATE	UG/L	0.15	J	P
CAPROLACTAM	UG/L	0.96	U	
CARBAZOLE	UG/L	0.19	U	
CHRYSENE	UG/L	0.19	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.19	U	
DIBENZOFURAN	UG/L	0.96	U	
DIETHYL PHTHALATE	UG/L	0.38	J	P
DIMETHYL PHTHALATE	UG/L	0.96	U	
DI-N-BUTYL PHTHALATE	UG/L	0.96	U	
DI-N-OCTYL PHTHALATE	UG/L	0.96	U	
FLUORANTHENE	UG/L	0.19	U	
FLUORENE	UG/L	0.19	U	
HEXACHLOROBENZENE	UG/L	0.19	U	
HEXACHLOROBUTADIENE	UG/L	0.19	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.96	U	
HEXACHLOROETHANE	UG/L	0.96	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.19	U	
ISOPHORONE	UG/L	0.96	U	
NAPHTHALENE	UG/L	0.19	U	
NITROBENZENE	UG/L	0.19	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.19	U	
N-NITROSODIPHENYLAMINE	UG/L	0.19	U	
PENTACHLOROPHENOL	UG/L	0.96	U	
PHENANTHRENE	UG/L	0.078	J	P
PHENOL	UG/L	0.19	U	
PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.96	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.19	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.96	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.96	U	
2,4-DICHLOROPHENOL	UG/L	0.19	U	
2,4-DIMETHYLPHENOL	UG/L	0.96	U	
2,4-DINITROPHENOL	UG/L	4.8	U	
2,4-DINITROTOLUENE	UG/L	0.96	U	
2,6-DINITROTOLUENE	UG/L	0.96	U	
2-CHLORONAPHTHALENE	UG/L	0.19	U	
2-CHLOROPHENOL	UG/L	0.96	U	
2-METHYLNAPHTHALENE	UG/L	0.19	U	
2-METHYLPHENOL	UG/L	0.96	U	
2-NITROANILINE	UG/L	4.8	U	
2-NITROPHENOL	UG/L	0.96	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.96	U	
3-NITROANILINE	UG/L	4.8	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.8	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.96	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.96	U	
4-CHLOROANILINE	UG/L	0.96	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.96	U	
4-METHYLPHENOL	UG/L	0.96	U	
4-NITROANILINE	UG/L	4.8	U	
4-NITROPHENOL	UG/L	4.8	U	
ACENAPHTHENE	UG/L	0.19	U	
ACENAPHTHYLENE	UG/L	0.19	U	
ACETOPHENONE	UG/L	0.96	U	
ANTHRACENE	UG/L	0.19	U	
ATRAZINE	UG/L	0.96	U	
BENZALDEHYDE	UG/L	0.96	U	
BENZO(A)ANTHRACENE	UG/L	0.19	U	
BENZO(A)PYRENE	UG/L	0.19	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 26DL	nsample	FMC 3DL	nsample	FMC 3DL
samp_date	11/1/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216015	lab_id	C7K020216011	lab_id	C7K020216011
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.19	U	
BENZO(G,H,I)PERYLENE	UG/L	0.19	U	
BENZO(K)FLUORANTHENE	UG/L	0.19	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.96	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.19	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.96	U	
BUTYL BENZYL PHTHALATE	UG/L	0.96	U	
CAPROLACTAM	UG/L	0.96	U	
CARBAZOLE	UG/L	0.19	U	
CHRYSENE	UG/L	0.19	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.19	U	
DIBENZOFURAN	UG/L	0.96	U	
DIETHYL PHTHALATE	UG/L	0.96	U	
DIMETHYL PHTHALATE	UG/L	0.96	U	
DI-N-BUTYL PHTHALATE	UG/L	0.96	U	
DI-N-OCTYL PHTHALATE	UG/L	0.96	U	
FLUORANTHENE	UG/L	0.19	U	
FLUORENE	UG/L	0.19	U	
HEXACHLOROBENZENE	UG/L	0.19	U	
HEXACHLOROBUTADIENE	UG/L	0.19	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.96	U	
HEXACHLOROETHANE	UG/L	0.96	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.19	U	
ISOPHORONE	UG/L	0.96	U	
NAPHTHALENE	UG/L	0.19	U	
NITROBENZENE	UG/L	0.19	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.19	U	
N-NITROSODIPHENYLAMINE	UG/L	0.19	U	
PENTACHLOROPHENOL	UG/L	0.96	U	
PHENANTHRENE	UG/L	0.19	U	
PHENOL	UG/L	0.19	U	
PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.98	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.2	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.98	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.98	U	
2,4-DICHLOROPHENOL	UG/L	0.2	U	
2,4-DIMETHYLPHENOL	UG/L	0.98	U	
2,4-DINITROPHENOL	UG/L	4.9	U	
2,4-DINITROTOLUENE	UG/L	0.98	U	
2,6-DINITROTOLUENE	UG/L	0.98	U	
2-CHLORONAPHTHALENE	UG/L	0.2	U	
2-CHLOROPHENOL	UG/L	0.98	U	
2-METHYLNAPHTHALENE	UG/L	0.2	U	
2-METHYLPHENOL	UG/L	0.98	U	
2-NITROANILINE	UG/L	4.9	U	
2-NITROPHENOL	UG/L	0.98	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.98	U	
3-NITROANILINE	UG/L	4.9	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.9	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.98	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.98	U	
4-CHLOROANILINE	UG/L	0.98	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.98	U	
4-METHYLPHENOL	UG/L	0.98	U	
4-NITROANILINE	UG/L	4.9	U	
4-NITROPHENOL	UG/L	4.9	U	
ACENAPHTHENE	UG/L	0.2	U	
ACENAPHTHYLENE	UG/L	0.2	U	
ACETOPHENONE	UG/L	0.98	U	
ANTHRACENE	UG/L	0.2	U	
ATRAZINE	UG/L	0.98	U	
BENZALDEHYDE	UG/L	0.98	U	
BENZO(A)ANTHRACENE	UG/L	0.2	U	
BENZO(A)PYRENE	UG/L	0.2	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.2	U	
BENZO(G,H,I)PERYLENE	UG/L	0.2	U	
BENZO(K)FLUORANTHENE	UG/L	0.2	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.98	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.23	J	P
BUTYL BENZYL PHTHALATE	UG/L	0.98	U	
CAPROLACTAM	UG/L	0.98	U	
CARBAZOLE	UG/L	0.2	U	
CHRYSENE	UG/L	0.2	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.2	U	
DIBENZOFURAN	UG/L	0.98	U	
DIETHYL PHTHALATE	UG/L	0.98	U	
DIMETHYL PHTHALATE	UG/L	0.98	U	
DI-N-BUTYL PHTHALATE	UG/L	0.98	U	
DI-N-OCTYL PHTHALATE	UG/L	0.98	U	
FLUORANTHENE	UG/L	0.2	U	
FLUORENE	UG/L	0.2	U	
HEXACHLOROBENZENE	UG/L	0.2	U	
HEXACHLOROBUTADIENE	UG/L	0.2	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.98	U	
HEXACHLOROETHANE	UG/L	0.98	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.2	U	
ISOPHORONE	UG/L	0.98	U	
NAPHTHALENE	UG/L	0.2	U	
NITROBENZENE	UG/L	0.2	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.2	U	
N-NITROSODIPHENYLAMINE	UG/L	0.2	U	
PENTACHLOROPHENOL	UG/L	0.98	U	
PHENANTHRENE	UG/L	0.069	J	P
PHENOL	UG/L	0.2	U	
PYRENE	UG/L	0.2	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 5DL	nsample	FMC 5DL	nsample	FMC 7DL
samp_date	10/31/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216012	lab_id	C7K020216012	lab_id	C7K020216013
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.96	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.19	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.96	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.96	U	
2,4-DICHLOROPHENOL	UG/L	0.19	U	
2,4-DIMETHYLPHENOL	UG/L	0.96	U	
2,4-DINITROPHENOL	UG/L	4.8	U	
2,4-DINITROTOLUENE	UG/L	0.96	U	
2,6-DINITROTOLUENE	UG/L	0.96	U	
2-CHLORONAPHTHALENE	UG/L	0.19	U	
2-CHLOROPHENOL	UG/L	0.96	U	
2-METHYLNAPHTHALENE	UG/L	0.19	U	
2-METHYLPHENOL	UG/L	0.96	U	
2-NITROANILINE	UG/L	4.8	U	
2-NITROPHENOL	UG/L	0.96	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.96	U	
3-NITROANILINE	UG/L	4.8	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.8	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.96	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.96	U	
4-CHLOROANILINE	UG/L	0.96	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.96	U	
4-METHYLPHENOL	UG/L	0.96	U	
4-NITROANILINE	UG/L	4.8	U	
4-NITROPHENOL	UG/L	4.8	U	
ACENAPHTHENE	UG/L	0.19	U	
ACENAPHTHYLENE	UG/L	0.19	U	
ACETOPHENONE	UG/L	0.96	U	
ANTHRACENE	UG/L	0.19	U	
ATRAZINE	UG/L	0.96	U	
BENZALDEHYDE	UG/L	0.96	U	
BENZO(A)ANTHRACENE	UG/L	0.19	U	
BENZO(A)PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.19	U	
BENZO(G,H,I)PERYLENE	UG/L	0.19	U	
BENZO(K)FLUORANTHENE	UG/L	0.19	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.96	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.19	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.96	U	
BUTYL BENZYL PHTHALATE	UG/L	0.96	U	
CAPROLACTAM	UG/L	0.96	U	
CARBAZOLE	UG/L	0.19	U	
CHRYSENE	UG/L	0.19	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.19	U	
DIBENZOFURAN	UG/L	0.96	U	
DIETHYL PHTHALATE	UG/L	0.96	U	
DIMETHYL PHTHALATE	UG/L	0.96	U	
DI-N-BUTYL PHTHALATE	UG/L	0.96	U	
DI-N-OCTYL PHTHALATE	UG/L	0.96	U	
FLUORANTHENE	UG/L	0.19	U	
FLUORENE	UG/L	0.19	U	
HEXACHLOROBENZENE	UG/L	0.19	U	
HEXACHLOROBUTADIENE	UG/L	0.19	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.96	U	
HEXACHLOROETHANE	UG/L	0.96	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.19	U	
ISOPHORONE	UG/L	0.96	U	
NAPHTHALENE	UG/L	0.19	U	
NITROBENZENE	UG/L	0.19	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.19	U	
N-NITROSODIPHENYLAMINE	UG/L	0.19	U	
PENTACHLOROPHENOL	UG/L	0.96	U	
PHENANTHRENE	UG/L	0.088	J	P
PHENOL	UG/L	0.19	U	
PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	0.97	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.19	U	
2,4,5-TRICHLOROPHENOL	UG/L	0.97	U	
2,4,6-TRICHLOROPHENOL	UG/L	0.97	U	
2,4-DICHLOROPHENOL	UG/L	0.19	U	
2,4-DIMETHYLPHENOL	UG/L	0.97	U	
2,4-DINITROPHENOL	UG/L	4.8	U	
2,4-DINITROTOLUENE	UG/L	0.97	U	
2,6-DINITROTOLUENE	UG/L	0.97	U	
2-CHLORONAPHTHALENE	UG/L	0.19	U	
2-CHLOROPHENOL	UG/L	0.97	U	
2-METHYLNAPHTHALENE	UG/L	0.19	U	
2-METHYLPHENOL	UG/L	0.97	U	
2-NITROANILINE	UG/L	4.8	U	
2-NITROPHENOL	UG/L	0.97	U	
3,3'-DICHLOROBENZIDINE	UG/L	0.97	U	
3-NITROANILINE	UG/L	4.8	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	4.8	U	
4-BROMOPHENYL PHENYL ETH	UG/L	0.97	U	
4-CHLORO-3-METHYLPHENOL	UG/L	0.97	U	
4-CHLOROANILINE	UG/L	0.97	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	0.97	U	
4-METHYLPHENOL	UG/L	0.97	U	
4-NITROANILINE	UG/L	4.8	U	
4-NITROPHENOL	UG/L	4.8	U	
ACENAPHTHENE	UG/L	0.19	U	
ACENAPHTHYLENE	UG/L	0.19	U	
ACETOPHENONE	UG/L	0.97	U	
ANTHRACENE	UG/L	0.19	U	
ATRAZINE	UG/L	0.97	U	
BENZALDEHYDE	UG/L	0.97	U	
BENZO(A)ANTHRACENE	UG/L	0.19	U	
BENZO(A)PYRENE	UG/L	0.19	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: OS

nsample	FMC 7DL	nsample	FMC 9DL	nsample	FMC 9DL
samp_date	10/31/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216013	lab_id	C7K020216002	lab_id	C7K020216002
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.19	U	
BENZO(G,H,I)PERYLENE	UG/L	0.19	U	
BENZO(K)FLUORANTHENE	UG/L	0.19	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	0.97	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.19	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.97	U	
BUTYL BENZYL PHTHALATE	UG/L	0.97	U	
CAPROLACTAM	UG/L	0.97	U	
CARBAZOLE	UG/L	0.19	U	
CHRYSENE	UG/L	0.19	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.19	U	
DIBENZOFURAN	UG/L	0.97	U	
DIETHYL PHTHALATE	UG/L	0.97	U	
DIMETHYL PHTHALATE	UG/L	0.97	U	
DI-N-BUTYL PHTHALATE	UG/L	0.97	U	
DI-N-OCTYL PHTHALATE	UG/L	0.97	U	
FLUORANTHENE	UG/L	0.19	U	
FLUORENE	UG/L	0.19	U	
HEXACHLOROBENZENE	UG/L	0.19	U	
HEXACHLOROBUTADIENE	UG/L	0.19	U	
HEXACHLOROCYCLOPENTADIE	UG/L	0.97	U	
HEXACHLOROETHANE	UG/L	0.97	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.19	U	
ISOPHORONE	UG/L	0.97	U	
NAPHTHALENE	UG/L	0.19	U	
NITROBENZENE	UG/L	0.19	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.19	U	
N-NITROSODIPHENYLAMINE	UG/L	0.19	U	
PENTACHLOROPHENOL	UG/L	0.97	U	
PHENANTHRENE	UG/L	0.19	U	
PHENOL	UG/L	0.19	U	
PYRENE	UG/L	0.19	U	

Parameter	units	Result	Val Qual	Qual Code
1,1-BIPHENYL	UG/L	1	U	
2,2'-OXYBIS(1-CHLOROPROPAN	UG/L	0.2	U	
2,4,5-TRICHLOROPHENOL	UG/L	1	U	
2,4,6-TRICHLOROPHENOL	UG/L	1	U	
2,4-DICHLOROPHENOL	UG/L	0.2	U	
2,4-DIMETHYLPHENOL	UG/L	1	U	
2,4-DINITROPHENOL	UG/L	5.1	U	
2,4-DINITROTOLUENE	UG/L	1	U	
2,6-DINITROTOLUENE	UG/L	1	U	
2-CHLORONAPHTHALENE	UG/L	0.2	U	
2-CHLOROPHENOL	UG/L	1	U	
2-METHYLNAPHTHALENE	UG/L	0.2	U	
2-METHYLPHENOL	UG/L	1	U	
2-NITROANILINE	UG/L	5.1	U	
2-NITROPHENOL	UG/L	1	U	
3,3'-DICHLOROBENZIDINE	UG/L	1	U	
3-NITROANILINE	UG/L	5.1	U	
4,6-DINITRO-2-METHYLPHENOL	UG/L	5.1	U	
4-BROMOPHENYL PHENYL ETH	UG/L	1	U	
4-CHLORO-3-METHYLPHENOL	UG/L	1	U	
4-CHLOROANILINE	UG/L	1	U	
4-CHLOROPHENYL PHENYL ETH	UG/L	1	U	
4-METHYLPHENOL	UG/L	1	U	
4-NITROANILINE	UG/L	5.1	U	
4-NITROPHENOL	UG/L	5.1	U	
ACENAPHTHENE	UG/L	0.2	U	
ACENAPHTHYLENE	UG/L	0.2	U	
ACETOPHENONE	UG/L	1	U	
ANTHRACENE	UG/L	0.2	U	
ATRAZINE	UG/L	1	U	
BENZALDEHYDE	UG/L	1	U	
BENZO(A)ANTHRACENE	UG/L	0.2	U	
BENZO(A)PYRENE	UG/L	0.2	U	

Parameter	units	Result	Val Qual	Qual Code
BENZO(B)FLUORANTHENE	UG/L	0.2	U	
BENZO(G,H,I)PERYLENE	UG/L	0.2	U	
BENZO(K)FLUORANTHENE	UG/L	0.2	U	
BIS(2-CHLOROETHOXY)METHAN	UG/L	1	U	
BIS(2-CHLOROETHYL)ETHER	UG/L	0.2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	UG/L	0.14	J	P
BUTYL BENZYL PHTHALATE	UG/L	0.2	J	P
CAPROLACTAM	UG/L	1	U	
CARBAZOLE	UG/L	0.2	U	
CHRYSENE	UG/L	0.2	U	
DIBENZO(A,H)ANTHRACENE	UG/L	0.2	U	
DIBENZOFURAN	UG/L	1	U	
DIETHYL PHTHALATE	UG/L	1	U	
DIMETHYL PHTHALATE	UG/L	1	U	
DI-N-BUTYL PHTHALATE	UG/L	1	U	
DI-N-OCTYL PHTHALATE	UG/L	1	U	
FLUORANTHENE	UG/L	0.2	U	
FLUORENE	UG/L	0.2	U	
HEXACHLOROBENZENE	UG/L	0.2	U	
HEXACHLOROBUTADIENE	UG/L	0.2	U	
HEXACHLOROCYCLOPENTADIE	UG/L	1	U	
HEXACHLOROETHANE	UG/L	1	U	
INDENO(1,2,3-CD)PYRENE	UG/L	0.2	U	
ISOPHORONE	UG/L	1	U	
NAPHTHALENE	UG/L	0.2	U	
NITROBENZENE	UG/L	0.2	U	
N-NITROSO-DI-N-PROPYLAMINE	UG/L	0.2	U	
N-NITROSODIPHENYLAMINE	UG/L	0.2	U	
PENTACHLOROPHENOL	UG/L	1	U	
PHENANTHRENE	UG/L	0.2	U	
PHENOL	UG/L	0.2	U	
PYRENE	UG/L	0.2	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	FMC 10DL	nsample	FMC 11DL	nsample	FMC 12DL
samp_date	10/30/2007	samp_date	10/30/2007	samp_date	10/30/2007
lab_id	C7K020216003	lab_id	C7K020216004	lab_id	C7K020216005
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.42	U	
AROCLOR-1221	UG/L	0.42	U	
AROCLOR-1232	UG/L	0.42	U	
AROCLOR-1242	UG/L	0.42	U	
AROCLOR-1248	UG/L	0.42	U	
AROCLOR-1254	UG/L	0.42	U	
AROCLOR-1260	UG/L	0.42	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.4	U	
AROCLOR-1221	UG/L	0.4	U	
AROCLOR-1232	UG/L	0.4	U	
AROCLOR-1242	UG/L	0.4	U	
AROCLOR-1248	UG/L	0.4	U	
AROCLOR-1254	UG/L	0.4	U	
AROCLOR-1260	UG/L	0.4	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.39	U	
AROCLOR-1221	UG/L	0.39	U	
AROCLOR-1232	UG/L	0.39	U	
AROCLOR-1242	UG/L	0.39	U	
AROCLOR-1248	UG/L	0.39	U	
AROCLOR-1254	UG/L	0.39	U	
AROCLOR-1260	UG/L	0.39	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	FMC 13DL	nsample	FMC 16DL	nsample	FMC 18DL
samp_date	10/30/2007	samp_date	10/31/2007	samp_date	10/31/2007
lab_id	C7K020216006	lab_id	C7K020216007	lab_id	C7K020216008
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.41	U	
AROCLOR-1221	UG/L	0.41	U	
AROCLOR-1232	UG/L	0.41	U	
AROCLOR-1242	UG/L	0.41	U	
AROCLOR-1248	UG/L	0.41	U	
AROCLOR-1254	UG/L	0.41	U	
AROCLOR-1260	UG/L	0.41	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.41	U	
AROCLOR-1221	UG/L	0.41	U	
AROCLOR-1232	UG/L	0.41	U	
AROCLOR-1242	UG/L	0.41	U	
AROCLOR-1248	UG/L	0.41	U	
AROCLOR-1254	UG/L	0.41	U	
AROCLOR-1260	UG/L	0.41	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	FMC 20DL	nsample	FMC 22DL	nsample	FMC 24DL
samp_date	10/31/2007	samp_date	10/31/2007	samp_date	10/30/2007
lab_id	C7K020216009	lab_id	C7K020216010	lab_id	C7K020216001
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.39	U	
AROCLOR-1221	UG/L	0.39	U	
AROCLOR-1232	UG/L	0.39	U	
AROCLOR-1242	UG/L	0.39	U	
AROCLOR-1248	UG/L	0.39	U	
AROCLOR-1254	UG/L	0.39	U	
AROCLOR-1260	UG/L	0.39	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.4	U	
AROCLOR-1221	UG/L	0.4	U	
AROCLOR-1232	UG/L	0.4	U	
AROCLOR-1242	UG/L	0.4	U	
AROCLOR-1248	UG/L	0.4	U	
AROCLOR-1254	UG/L	0.4	U	
AROCLOR-1260	UG/L	0.4	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	FMC 25DL	nsample	FMC 26DL	nsample	FMC 3DL
samp_date	11/1/2007	samp_date	11/1/2007	samp_date	10/31/2007
lab_id	C7K020216014	lab_id	C7K020216015	lab_id	C7K020216011
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.42		
AROCLOR-1260	UG/L	0.38	U	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

PROJ_NO: 00998

SDG: C7K020216 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	FMC 5DL
samp_date	10/31/2007
lab_id	C7K020216012
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

nsample	FMC 7DL
samp_date	10/31/2007
lab_id	C7K020216013
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.38	U	
AROCLOR-1221	UG/L	0.38	U	
AROCLOR-1232	UG/L	0.38	U	
AROCLOR-1242	UG/L	0.38	U	
AROCLOR-1248	UG/L	0.38	U	
AROCLOR-1254	UG/L	0.38	U	
AROCLOR-1260	UG/L	0.38	U	

nsample	FMC 9DL
samp_date	10/30/2007
lab_id	C7K020216002
qc_type	NM
Pct_Solids	
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
AROCLOR-1016	UG/L	0.4	U	
AROCLOR-1221	UG/L	0.4	U	
AROCLOR-1232	UG/L	0.4	U	
AROCLOR-1242	UG/L	0.4	U	
AROCLOR-1248	UG/L	0.4	U	
AROCLOR-1254	UG/L	0.4	U	
AROCLOR-1260	UG/L	0.4	U	

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

Tetra Tech NUS, Inc

Client Sample ID: FMC 10

TOTAL Metals

Lot-Sample #...: C7K020216-003 Matrix.....: WATER
Date Sampled...: 10/30/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE071A6
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**3.1**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071A7**
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE071A8
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	**0.12 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AA**
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**2.8 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AC**
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**5.4**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AD**
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.5**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AE**
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**1.1**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AF**
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.26 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AG**
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: FMC 10

TOTAL Metals

Lot-Sample #...: C7K020216-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**9.1**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AH**
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	**0.023 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AJ**
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**11.1 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AK**
		Dilution Factor: 1		Analysis Time..: 20:33	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAE071AP
		Dilution Factor: 1		Analysis Time..: 19:50	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: FMC 11

TOTAL Metals

Lot-Sample #...: C7K020216-004 Matrix.....: WATER
Date Sampled...: 10/30/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1A1AV
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**3.6**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1AW**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1A1AX
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1A1A0
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**3.0 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1A1**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**5.4**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1A2**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1A3**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**1.0**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1A4**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.27 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1A5**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: FMC 11

TOTAL Metals

Lot-Sample #...: C7K020216-004 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**10.3**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1A6**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1A1A7
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**15.8 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1A8**
		Dilution Factor: 1		Analysis Time..: 20:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	**0.058 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**11/14/07**	**KAE1A1AE**
		Dilution Factor: 1		Analysis Time..: 19:52	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 12

TOTAL Metals

Lot-Sample #...: C7K020216-005 **Matrix.....:** WATER
Date Sampled...: 10/30/07 **Date Received..:** 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1D1A6
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**3.5**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1A7**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1D1A8
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1D1AA
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**3.6 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1AC**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**6.3**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1AD**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.7**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1AE**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**1.7**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1AF**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.24 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1AG**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 12

TOTAL Metals

Lot-Sample #...: C7K020216-005 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**11.1**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1AH**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1D1AJ
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**12.7 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1AK**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	**0.057 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**11/14/07**	**KAE1D1AP**
		Dilution Factor: 1		Analysis Time..: 19:54	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 13

TOTAL Metals

Lot-Sample #...: C7K020216-006 **Matrix.....:** WATER
Date Sampled...: 10/30/07 **Date Received..:** 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1F1A6
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**3.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1A7**
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1F1A8
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1F1AA
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**3.7 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1AC**
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**6.4**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1AD**
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.5**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1AE**
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**1.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1AF**
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.22 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1AG**
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 13

TOTAL Metals

Lot-Sample #...: C7K020216-006 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**10.8**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1AH**
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1F1AJ
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**10.7 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1AK**
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAE1F1AP
		Dilution Factor: 1		Analysis Time..: 19:55	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 16

TOTAL Metals

Lot-Sample #...: C7K020216-007
Date Sampled...: 10/31/07 Date Received..: 11/02/07 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1J1A6
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**2.6**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1A7**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1J1A8
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	**0.18 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1AA**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**3.2 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1AC**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**4.9**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1AD**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1AE**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**0.85 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1AF**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.24 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1AG**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 16

TOTAL Metals

Lot-Sample #...: C7K020216-007 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**8.3**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1AH**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1J1AJ
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**9.7 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1AK**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAE1J1AP
		Dilution Factor: 1		Analysis Time..: 19:57	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: FMC 18

TOTAL Metals

Lot-Sample #...: C7K020216-008 Matrix.....: WATER
Date Sampled...: 10/31/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1K1A6
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**2.8**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1A7**
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1K1A8
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1K1AA
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**3.9 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1AC**
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**7.0**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1AD**
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.5**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1AE**
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**1.5**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1AF**
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.25 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1AG**
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 18

TOTAL Metals

Lot-Sample #...: C7K020216-008 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**9.4**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1AH**
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1K1AJ
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**12.3 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1AK**
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAE1K1AP
		Dilution Factor: 1		Analysis Time..: 19:59	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 20

TOTAL Metals

Lot-Sample #...: C7K020216-009
Date Sampled...: 10/31/07 Date Received..: 11/02/07 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1P1A6
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**3.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1A7**
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1P1A8
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1P1AA
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**3.5 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1AC**
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**6.6**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1AD**
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.5**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1AE**
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**1.3**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1AF**
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.26 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1AG**
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 20

TOTAL Metals

Lot-Sample #...: C7K020216-009 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**9.3**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1AH**
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1P1AJ
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**15.2 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1AK**
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAE1P1AP
		Dilution Factor: 1		Analysis Time..: 20:00	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 22

TOTAL Metals

Lot-Sample #...: C7K020216-010 Matrix.....: WATER
Date Sampled...: 10/31/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1R1A6
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**3.6**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1A7**
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1R1A8
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1R1AA
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**3.3 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1AC**
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**5.6**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1AD**
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1AE**
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**0.94 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1AF**
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.29 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1AG**
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 22

TOTAL Metals

Lot-Sample #...: C7K020216-010 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**9.4**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1AH**
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1R1AJ
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**10.4 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1AK**
		Dilution Factor: 1		Analysis Time..: 21:15	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAE1R1AP
		Dilution Factor: 1		Analysis Time..: 20:06	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 24

TOTAL Metals

Lot-Sample #...: C7K020216-001 Matrix.....: WATER
Date Sampled...: 10/30/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAEX31AV
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**3.0**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31AW**
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAEX31AX
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAEX31A0
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**3.6 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31A1**
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**5.8**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31A2**
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.2**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31A3**
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**0.86 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31A4**
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.25 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31A5**
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 24

TOTAL Metals

Lot-Sample #...: C7K020216-001 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**9.5**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31A6**
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAEX31A7
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**10.5 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31A8**
		Dilution Factor: 1		Analysis Time..: 21:41	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAEX31AE
		Dilution Factor: 1		Analysis Time..: 19:47	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 25

TOTAL Metals

Lot-Sample #...: C7K020216-014 Matrix.....: WATER
Date Sampled...: 11/01/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2E1A6
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**3.5**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1A7**
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2E1A8
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2E1AA
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**3.6 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1AC**
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**5.1**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1AD**
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.3**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1AE**
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**0.84 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1AF**
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.23 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1AG**
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 25

TOTAL Metals

Lot-Sample #...: C7K020216-014 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**10.7**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1AH**
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2E1AJ
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**6.0 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1AK**
		Dilution Factor: 1		Analysis Time..: 21:32	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAE2E1AP
		Dilution Factor: 1		Analysis Time..: 20:12	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 26

TOTAL Metals

Lot-Sample #...: C7K020216-015 Matrix.....: WATER
Date Sampled...: 11/01/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1A6
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	2.2	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1A7
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1A8
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1AA
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	3.2 J	2.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1AC
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	4.5	2.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1AD
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	2.2	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1AE
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	0.56 B	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1AF
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	0.17 B	2.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1AG
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 26

TOTAL Metals

Lot-Sample #...: C7K020216-015 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**10.4**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2J1AH**
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1AJ
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**5.3 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2J1AK**
		Dilution Factor: 1		Analysis Time..: 21:37	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAE2J1AP
		Dilution Factor: 1		Analysis Time..: 20:14	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 3

TOTAL Metals

Lot-Sample #...: C7K020216-011 Matrix.....: WATER
Date Sampled...: 10/31/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE101A6
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**3.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101A7**
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE101A8
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE101AA
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**3.4 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101AC**
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**5.9**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101AD**
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101AE**
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**1.2**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101AF**
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.26 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101AG**
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 3

TOTAL Metals

Lot-Sample #...: C7K020216-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**9.1**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101AH**
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE101AJ
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**9.1 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101AK**
		Dilution Factor: 1		Analysis Time..: 21:20	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAE101AP
		Dilution Factor: 1		Analysis Time..: 20:07	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 5

TOTAL Metals

Lot-Sample #...: C7K020216-012
Date Sampled...: 10/31/07 Date Received..: 11/02/07 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE151A6
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	3.7	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE151A7
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE151A8
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	0.13 B	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE151AA
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	3.4 J	2.0	ug/L	SW846 6020	11/14-11/27/07	KAE151AC
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	6.3	2.0	ug/L	SW846 6020	11/14-11/27/07	KAE151AD
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	2.3	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE151AE
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	1.1	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE151AF
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	0.26 B	2.0	ug/L	SW846 6020	11/14-11/27/07	KAE151AG
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 5

TOTAL Metals

Lot-Sample #...: C7K020216-012 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**10.3**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE151AH**
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE151AJ
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**13.3 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE151AK**
		Dilution Factor: 1		Analysis Time..: 21:24	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	**0.056 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**11/14/07**	**KAE151AP**
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: FMC 7

TOTAL Metals

Lot-Sample #...: C7K020216-013 Matrix.....: WATER
Date Sampled...: 10/31/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE191A6
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	**3.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191A7**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE191A8
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE191AA
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	**3.5 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191AC**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	**6.2**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191AD**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	**2.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191AE**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	**1.1**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191AF**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	**0.24 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191AG**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 7

TOTAL Metals

Lot-Sample #...: C7K020216-013 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**10.2**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191AH**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE191AJ
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**12.2 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191AK**
		Dilution Factor: 1		Analysis Time..: 21:28	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAE191AP
		Dilution Factor: 1		Analysis Time..: 20:11	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 9

TOTAL Metals

Lot-Sample #...: C7K020216-002
Date Sampled...: 10/30/07 Date Received..: 11/02/07 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318317						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE051A6
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.077	
Arsenic	2.1	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE051A7
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE051A8
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.068	
Cadmium	0.12 B	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE051AA
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Chromium	2.9 J	2.0	ug/L	SW846 6020	11/14-11/27/07	KAE051AC
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.11	
Copper	6.1	2.0	ug/L	SW846 6020	11/14-11/27/07	KAE051AD
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.14	
Nickel	2.4	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE051AE
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.073	
Lead	1.7	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE051AF
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.020	
Antimony	0.26 B	2.0	ug/L	SW846 6020	11/14-11/27/07	KAE051AG
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 9

TOTAL Metals

Lot-Sample #...: C7K020216-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**7.5**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE051AH**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.21	
Thallium	**0.022 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE051AJ**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.018	
Zinc	**12.3 J**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE051AK**
		Dilution Factor: 1		Analysis Time..: 20:29	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318166	MDL.....: 0.60	
Prep Batch #...: 7318436						
Mercury	ND	0.20	ug/L	SW846 7470A	11/14/07	KAE051AP
		Dilution Factor: 1		Analysis Time..: 19:49	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7318234	MDL.....: 0.055	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: FMC 10

DISSOLVED Metals

Lot-Sample #...: C7K020216-003 Matrix.....: WATER
Date Sampled...: 10/30/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE071AR
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**1.8**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AT**
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE071AU
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	**0.13 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AV**
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**3.4 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AW**
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.4**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071AX**
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071A0**
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE071A1
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.31 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071A2**
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 10

DISSOLVED Metals

Lot-Sample #...: C7K020216-003 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**9.1**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071A3**
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	**0.093 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071A4**
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**7.2**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE071A5**
		Dilution Factor: 1		Analysis Time..: 22:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE071AQ
		Dilution Factor: 1		Analysis Time..: 13:55	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: FMC 11

DISSOLVED Metals

Lot-Sample #...: C7K020216-004 **Matrix.....:** WATER
Date Sampled...: 10/30/07 **Date Received..:** 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1A1AG
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**3.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1AH**
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1A1AJ
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1A1AK
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**3.2 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1AL**
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.4**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1AM**
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.1**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1AN**
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1A1AP
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.25 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1AQ**
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 11

DISSOLVED Metals

Lot-Sample #...: C7K020216-004 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**10.8**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1AR**
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	**0.040 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1AT**
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**7.1**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1A1AU**
		Dilution Factor: 1		Analysis Time..: 22:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE1A1AF
		Dilution Factor: 1		Analysis Time..: 14:00	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 12

DISSOLVED Metals

Lot-Sample #...: C7K020216-005 Matrix.....: WATER
Date Sampled...: 10/30/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1D1AR
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**3.7**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1AT**
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1D1AU
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	**0.12 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1AV**
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**3.2 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1AW**
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.1**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1AX**
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.2**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1A0**
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	**0.022 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1A1**
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.30 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1A2**
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 12

DISSOLVED Metals

Lot-Sample #...: C7K020216-005 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**12.3**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1A3**
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	**0.038 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1A4**
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**7.1**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1D1A5**
		Dilution Factor: 1		Analysis Time..: 22:56	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE1D1AQ
		Dilution Factor: 1		Analysis Time..: 14:02	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: FMC 13

DISSOLVED Metals

Lot-Sample #...: C7K020216-006 Matrix.....: WATER
Date Sampled...: 10/30/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1F1AR
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**4.2**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1AT**
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1F1AU
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1F1AV
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**2.9 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1AW**
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.0**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1AX**
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**1.9**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1A0**
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	**0.067 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1A1**
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.25 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1A2**
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 13

DISSOLVED Metals

Lot-Sample #...: C7K020216-006 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**13.9**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1A3**
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	**0.021 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1A4**
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**7.6**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1F1A5**
		Dilution Factor: 1		Analysis Time..: 23:00	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE1F1AQ
		Dilution Factor: 1		Analysis Time..: 14:03	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 16

DISSOLVED Metals

Lot-Sample #...: C7K020216-007
Date Sampled...: 10/31/07 Date Received..: 11/02/07 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1J1AR
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**4.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1AT**
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1J1AU
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1J1AV
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**2.6 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1AW**
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.1**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1AX**
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.2**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1A0**
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1J1A1
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.28 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1A2**
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 16

DISSOLVED Metals

Lot-Sample #...: C7K020216-007 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**14.3**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1A3**
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1J1A4
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**6.9**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1J1A5**
		Dilution Factor: 1		Analysis Time..: 23:17	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE1J1AQ
		Dilution Factor: 1		Analysis Time..: 14:08	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 18

DISSOLVED Metals

Lot-Sample #...: C7K020216-008
Date Sampled...: 10/31/07 Date Received..: 11/02/07 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1K1AR
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**2.9**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1AT**
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1K1AU
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1K1AV
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**3.1 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1AW**
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.4**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1AX**
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.1**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1A0**
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1K1A1
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.24 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1A2**
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 18

DISSOLVED Metals

Lot-Sample #...: C7K020216-008 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**9.4**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1A3**
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1K1A4
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**8.0**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1K1A5**
		Dilution Factor: 1		Analysis Time..: 23:21	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE1K1AQ
		Dilution Factor: 1		Analysis Time..: 14:10	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 20

DISSOLVED Metals

Lot-Sample #...: C7K020216-009 Matrix.....: WATER
Date Sampled...: 10/31/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1P1AR
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**2.6**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1AT**
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1P1AU
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1P1AV
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**3.4 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1AW**
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.4**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1AX**
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.1**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1A0**
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1P1A1
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.24 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1A2**
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 20

DISSOLVED Metals

Lot-Sample #...: C7K020216-009 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**10.4**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1A3**
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1P1A4
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**6.4**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1P1A5**
		Dilution Factor: 1		Analysis Time..: 23:25	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE1P1AQ
		Dilution Factor: 1		Analysis Time..: 14:12	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 22

DISSOLVED Metals

Lot-Sample #...: C7K020216-010 **Matrix.....:** WATER
Date Sampled...: 10/31/07 **Date Received..:** 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1R1AR
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**3.3**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1AT**
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1R1AU
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1R1AV
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**3.2 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1AW**
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.8**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1AX**
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.2**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1A0**
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1R1A1
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.21 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1A2**
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 22

DISSOLVED Metals

Lot-Sample #...: C7K020216-010 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**11.5**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1A3**
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE1R1A4
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**6.5**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE1R1A5**
		Dilution Factor: 1		Analysis Time..: 23:30	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE1R1AQ
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 24

DISSOLVED Metals

Lot-Sample #...: C7K020216-001
Date Sampled...: 10/30/07 Date Received..: 11/02/07 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAEX31AG
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**3.8**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31AH**
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAEX31AJ
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAEX31AK
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**3.0 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31AL**
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**4.6**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31AM**
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.1**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31AN**
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	**0.17 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31AP**
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.33 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAEX31AQ**
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 24

DISSOLVED Metals

Lot-Sample #...: C7K020216-001 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	9.2	5.0	ug/L	SW846 6020	11/14-11/27/07	KAEX31AR
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	0.092 B	1.0	ug/L	SW846 6020	11/14-11/27/07	KAEX31AT
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	10.4	5.0	ug/L	SW846 6020	11/14-11/27/07	KAEX31AU
		Dilution Factor: 1		Analysis Time..: 22:22	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAEX31AF
		Dilution Factor: 1		Analysis Time..: 13:52	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 25

DISSOLVED Metals

Lot-Sample #...: C7K020216-014 Matrix.....: WATER
Date Sampled...: 11/01/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2E1AR
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**3.0**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1AT**
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2E1AU
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2E1AV
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**2.2 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1AW**
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.0**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1AX**
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**1.8**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1A0**
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2E1A1
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.25 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1A2**
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 25

DISSOLVED Metals

Lot-Sample #...: C7K020216-014 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**11.5**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1A3**
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2E1A4
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**3.6 B**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2E1A5**
		Dilution Factor: 1		Analysis Time..: 23:47	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE2E1AQ
		Dilution Factor: 1		Analysis Time..: 14:21	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 26

DISSOLVED Metals

Lot-Sample #...: C7K020216-015 Matrix.....: WATER
Date Sampled...: 11/01/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1AR
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**3.0**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2J1AT**
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1AU
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1AV
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**2.3 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2J1AW**
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.0**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2J1AX**
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.0**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2J1A0**
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1A1
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.20 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2J1A2**
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 26

DISSOLVED Metals

Lot-Sample #...: C7K020216-015 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**10.8**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2J1A3**
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE2J1A4
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**2.8 B**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE2J1A5**
		Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE2J1AQ
		Dilution Factor: 1		Analysis Time..: 14:22	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 3

DISSOLVED Metals

Lot-Sample #...: C7K020216-011 Matrix.....: WATER
Date Sampled...: 10/31/07 Date Received..: 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE101AR
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**2.4**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101AT**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE101AU
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE101AV
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**3.2 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101AW**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.4**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101AX**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.1**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101A0**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE101A1
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.19 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101A2**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

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Tetra Tech NUS, Inc

Client Sample ID: FMC 3

DISSOLVED Metals

Lot-Sample #...: C7K020216-011 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**11.1**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101A3**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE101A4
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**5.5**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE101A5**
		Dilution Factor: 1		Analysis Time..: 23:34	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE101AQ
		Dilution Factor: 1		Analysis Time..: 14:16	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 5

DISSOLVED Metals

Lot-Sample #...: C7K020216-012 **Matrix.....:** WATER
Date Sampled...: 10/31/07 **Date Received..:** 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE151AR
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**2.9**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE151AT**
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE151AU
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE151AV
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**3.1 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE151AW**
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**4.1**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE151AX**
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.2**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE151A0**
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	**0.076 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE151A1**
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.22 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE151A2**
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: FMC 5

DISSOLVED Metals

Lot-Sample #...: C7K020216-012 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**11.5**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE151A3**
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE151A4
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**7.9**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE151A5**
		Dilution Factor: 1		Analysis Time..: 23:38	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE151AQ
		Dilution Factor: 1		Analysis Time..: 14:17	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 7

DISSOLVED Metals

Lot-Sample #...: C7K020216-013
Date Sampled...: 10/31/07 **Date Received..:** 11/02/07 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE191AR
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**3.2**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191AT**
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE191AU
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE191AV
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**3.1 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191AW**
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**3.6**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191AX**
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**1.9**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191A0**
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE191A1
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.23 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191A2**
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: FMC 7

DISSOLVED Metals

Lot-Sample #...: C7K020216-013 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**12.3**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191A3**
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE191A4
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**8.2**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE191A5**
		Dilution Factor: 1		Analysis Time..: 23:42	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE191AQ
		Dilution Factor: 1		Analysis Time..: 14:19	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Tetra Tech NUS, Inc

Client Sample ID: FMC 9

DISSOLVED Metals

Lot-Sample #...: C7K020216-002 **Matrix.....:** WATER
Date Sampled...: 10/30/07 **Date Received..:** 11/02/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7318307						
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE051AR
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.077	
Arsenic	**3.7**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE051AT**
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE051AU
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.068	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE051AV
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Chromium	**2.6 J**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE051AW**
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.11	
Copper	**2.9**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE051AX**
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.14	
Nickel	**2.2**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE051A0**
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.073	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KAE051A1
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.020	
Antimony	**0.37 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE051A2**
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.047	

(Continued on next page)

Tetra Tech NUS, Inc

Client Sample ID: FMC 9

DISSOLVED Metals

Lot-Sample #...: C7K020216-002 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**12.7**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE051A3**
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.21	
Thallium	**0.12 B**	**1.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE051A4**
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.018	
Zinc	**7.5**	**5.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KAE051A5**
		Dilution Factor: 1		Analysis Time..: 22:43	Analyst ID.....: 400149	
		Instrument ID..: ICPMS		MS Run #.....: 7318162	MDL.....: 0.60	
Prep Batch #...: 7320210						
Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KAE051AQ
		Dilution Factor: 1		Analysis Time..: 13:54	Analyst ID.....: 400491	
		Instrument ID..: HGHYDRA		MS Run #.....: 7320130	MDL.....: 0.055	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

APPENDIX C
SUPPORT DOCUMENTATION

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. MARTIN STATE

Martin State Airport, MD

Lot #: C7K020216

Amy Thomson

Tetra Tech NUS Inc
Foster Plaza 7
661 Anderson Drive
Pittsburgh, PA 15220-2745

TESTAMERICA LABORATORIES, INC.

Veronica Bortot

Veronica Bortot
Project Manager

December 11, 2007

CASE NARRATIVE
TETRA TECH NUS, INC.
Martin State Airport

Lot #: C7K020216

The following report contains the analytical results for samples submitted to TestAmerica Pittsburgh by Tetra Tech NUS, INC. The samples were received November 2, 2007 according to documented sample acceptance procedures.

TestAmerica Pittsburgh utilizes only USEPA approved methods and instrumentation in all analytical work. The samples presented in this report were analyzed for the parameters listed on the method reference page in accordance with the methods indicated.

Sample Receiving:
The lot closed on November 2, 2007.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The LCS associated with batch 7312657 had acetone and 1,2-dibromoethane recover high and outside of criteria. All control compounds recovered within limits.

GC/MS Semivolatiles:
All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation.

The following compounds had the %D > 25% in the calibration verification standard N11210CC; but were within expected performance range for these compounds: 4-Nitrophenol 40.4% and N-Nitrosodimethylamine 32.1%.

The following compound had the %D > 25% in the calibration verification standard N11220CC; but was within expected performance range for this compound: 4-Nitrophenol 27.4%.

GC/MS Semivolatiles cont.:
The following compound had the %D > 25% in the calibration verification standard V11270CC; but was within expected performance range for this compound: 2,4-Nitrophenol 25.7%.

PCBs:
There were no problems associated with the analysis.

Metals:
The method blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

METHODS SUMMARY

C7K020216

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
ICP-MS (6020)	SW846 6020	SW846 3005A
ICP-MS (6020)	SW846 6020	SW846 3010
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
PCBs by SW-846 8082	SW846 8082	SW846 3510C
Semivolatile Organics GCMS BNA 8270C	SW846 8270C	
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

C7K020216

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Tetra Tech WWS	Project Manager: Mike Martin	Date: 10/30/07	Chain of Custody Number: 322457
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 4 of 6
City: Germantown / State: MD / Zip Code: 20874	Site Contact: T Hemmerle	Lab Contact: B Hall	
Project Name and Location (State): Martin State Airport MD Frog Mortar Creek	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 18001572-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: PCBs	8 Sucs	624 VOCs	Total Metals	Dissolved Metals	Special Instructions/ Conditions of Receipt
(CMS) ~~FCM 9~~ FMC 9	10/30/07			X			X						X		X	X		
~~FCM 9~~ FMC 9							X							X				
~~FCM 9~~ FMC 9										X					X	X		
~~FCM 9~~ FMC 9									X							X		
~~FCM 9~~ FMC 9									X							X		
~~FCM 10~~ FMC 10							X						X					
~~FCM 10~~ FMC 10							X							X				
~~FCM 10~~ FMC 10										X					X	X		
~~FCM 10~~ FMC 10									X							X		
(CMS) ~~FCM 10~~ FMC 10									X							X		

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time
1. Relinquished By: Ken Linnell	11-1-07	1550
2. Relinquished By:	11-1-07	18:30
3. Relinquished By:		
1. Received By:	11-01-07	1600
2. Received By:	11/2/07	09:20
3. Received By:		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report: CANARY - Stays with the Sample: PINK - Field Copy

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C7K020216

Chain of Custody Record

STL-4124 (0901)

STL
Severn Trent Laboratories, Inc.

Client: Tetra Tech WVS	Project Manager: Mike Martin	Date: 10/31/07	Chain of Custody Number: 322461
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 5822	Lab Number	Page 2 of 2
City: Germantown	State: MD	Zip Code: 20874	Site Contact: T Afanavage	Lab Contact: B Hall
Project Name and Location (State): Martin State Airport MD Frog Mortar Creek	Carrier/Waybill Number	
Contract/Purchase Order/Quote No.: 1800 1572-1		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: Size PCB Metal	Volatiles	Pesticide	Organotin	PCBs	Algae	Isotope	Total Metal	Dissolved Metal	Special Instructions/ Conditions of Receipt
FMC 23	10/31/07				X		X						X	X	X	X						
FMC 3	" "				X		X						X	X	X	X						
FMC 3 dup	" "			X			X		X	X							X	X	X	X	X	
FMC 4	" "				X		X						X	X	X	X						
FMC 5	" "				X		X						X	X	X	X						
FMC 5	" "			X			X		X	X							X	X	X	X	X	
FMC 6	" "				X		X						X	X	X	X						
FMC 7	" "				X		X						X	X	X	X						
FMC 7	" "			X			X		X	X							X	X	X	X	X	
FMC 8	" "				X		X						X	X	X	X						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Kat Samuels	Date: 11-01-07	Time: 1550	1. Received By:		
2. Relinquished By:	Date: 11-1-07	Time: [illegible]	2. Received By:	Date: 11-01-07	Time: 1600
3. Relinquished By:	Date:	Time:	3. Received By:	Date: 11/2/07	Time: 9:20
Comments				Date:	Time:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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C7K020216

Chain of Custody Record

STL

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Tetra Tech NUS	Project Manager: Mike Martin	Date: 11/1/07	Chain of Custody Number: 322462
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 1 of 1
City: Germantown / State: MD / Zip Code: 20874	Site Contact: T Agnewwage	Lab Contact: B Hall	
Project Name and Location (State): Martin State Airport MD Trog Mortar Creek	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 1800157Z-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: Sucr228 Metal	Volatiles	Perchlorate	Organotin	PCBs	LL SVOCs	LL VOCs	Total Metals	Dissolved Metals	Special Instructions/ Conditions of Receipt
FMC 25	11/1/07				X		X						X	X	X	X						
FMC 25	"			X			X		X	X							X	X	X	X	X	
FMC 26	"				X		X						X	X	X	X						
FMC 26	"			X			X		X	X							X	X	X	X	X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal

☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Rick Samuels	Date: 11-01-07	Time: 1550	1. Received By: [signature]	Date: 11-1-07	Time: 1600
2. Relinquished By: [signature]	Date: 11-1-07	Time: 19:30	2. Received By: [signature]	Date: 11/2/07	Time: 920
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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C7K020216

Chain of Custody Record

STL-4124 (0901)

STL
Severn Trent Laboratories, Inc.

Client: Tetra Tech NUS	Project Manager: Mike Martin	Date: 10/30/07	Chain of Custody Number: 322456
Address: 20251 Century Blvd ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3072	Lab Number:	Page 3 of 6
City: Germantown / State: MD / Zip Code: 20874	Site Contact: T Hanauge	Lab Contact: B Hall	
Project Name and Location (State): Martin State Airport MD from Mafar Creek	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 18001572-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAcl/NaOH	Analysis: Semi Metal PCB	Volatiles	Perchlorate	Organotin	PCBs	LL SVOCs	LL VOCs	Total Metal	Dissolved Metal	Special Instructions/ Conditions of Receipt
GWS FCM 14 FMC 14	10/30/07				X								X									4-4oz jar
FCM 14 FMC 14														X								
FCM 14 FMC 14															X							
GWS FCM 14 FMC 14					X											X						
12 GWS FCM 24 FMC 24				X			X										X					
FCM 24 FMC 24							X											X				
FCM 24 FMC 24										X									X			
FCM 24 FMC 24								X											X			
GWS FCM 24 FMC 24								X											X			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Kirk Samuels	Date: 11-01-07	Time: 1550	1. Received By:	Date: 11-01-07	Time: 1600
2. Relinquished By:	Date: 11-1-07	Time: 18:30	2. Received By: V Bonton	Date: 11/2/07	Time: 9:20
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

(1 - 356)

C7K020216

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Tetra Tech NUS	Project Manager: Mike Martin	Date: 10/31/07	Chain of Custody Number: 322460
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 1 of 2
City: Germantown; State: MD; Zip Code: 20874	Site Contact: Advantage	Lab Contact: B Hall	
Project Name and Location (State): Martin State Airport MD Frog Marker K	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 1800L572-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: SVOC PCB Metals	Volatiles	Perchlorate	Organotin	PCBs	LL SVOCs	LL VOCs	Total Metals	Dissolved Metals	Special Instructions/ Conditions of Receipt
FMC 15	10/31/07				X		X						X	X	X	X						
FMC 16	10/31/07				X		X						X	X	X	X						
FMC 16			X				X		X	X							X	X	X	X	X	
FMC 17					X		X						X	X	X	X						
FMC 18					X								X	X	X	X						
FMC 18			X				X		X	X							X	X	X	X	X	
FMC 19					X								X	X	X	X						
FMC 20					X		X						X	X	X	X						
FMC 20			X				X		X	X							X	X	X	X	X	
FMC 21					X		X						X	X	X	X						
FMC 22					X		X						X	X	X	X						
FMC 22			X				X		X	X							X	X	X	X	X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
	11-01-07	1550		11-01-07	1600
2. Relinquished By	Date	Time	2. Received By	Date	Time
	11-1-07	18:30		11/2/07	9:20
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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(1 - 356)

CZK020216

Chain of Custody Record

STL-4124 (0901)

STL
Severn Trent Laboratories, Inc.

Client: Tetra Tech WDS	Project Manager: Mike Martin	Date: 10/30/07	Chain of Custody Number: 322458
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 5 of 6
City: Germantown	State: MD Zip Code: 20874	Site Contact: T Manange	Lab Contact: B Hall
Project Name and Location (State): Martin St Detroit MD Fog Monitor Ck	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 1800157 2-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: PCBs	LL SVOCs	LL VOCs	Total Metals	Dissolved Metals	Special Instructions/ Conditions of Receipt
GW FCM 11 FMC 11	10/30/07			X			X						X		X	X	X	
~~FCM 11~~ FMC 11							X							X				
~~FCM 11~~ FMC 11										X					X			
~~FCM 11~~ FMC 11									X							X		
~~FCM 11~~ FMC 11									X							X		
~~FCM 12~~ FMC 12							X						X					
~~FCM 12~~ FMC 12							X							X				
GW ~~FCM~~ FMC 12										X					X			
FMC 12									X							X		
FMC 12									X							X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Kurt Samuel	Date: 11-01-07	Time: 1550	1. Received By:	Date: 11-01-07	Time: 1600
2. Relinquished By:	Date: 11-1-07	Time: 18:30	2. Received By: V Bantot	Date: 11/2/07	Time: 09:20
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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(1 - 356)

C7K020216

Chain of Custody Record

STL-4124 (0901)

STL
Severn Trent Laboratories, Inc.

Client: TetraTech NUS	Project Manager: Mike Martin	Date: 10/30/07	Chain of Custody Number: 322459
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: 301 528 3022	Lab Number:	Page 6 of 6
City: Germantown / State: MD / Zip Code: 20874	Site Contact: T Adewuyi	Lab Contact: B Hall	
Project Name and Location (State): Martin State Airport MD Frog Mortar Ck	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 1800152-1			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: PCBs	16 SVOCs	24 VOCs	14 Metals Dissolved Metals	Special Instructions/ Conditions of Receipt
FMC 13	10/30/07			X			X						X				
FMC 13							X							X			
FMC 13										X					X		
FMC 13									X						X	X	
FMC 13									X							X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Kate Trimble	Date: 11-01-07	Time: 1550	1. Received By: Fred Scott	Date: 11-01-07	Time: 1600
2. Relinquished By:	Date: 11-1-07	Time: 18:30	2. Received By: Bartlett	Date: 11/2/07	Time: 09:20
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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(1 - 356)

HOLDTIME

SDG C7K020216

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	FMC 7	C7K020216013	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 9	C7K020216002	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15
HG	UG/L	FMC 5	C7K020216012	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 3	C7K020216011	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 26	C7K020216015	NM	11/1/2007	11/14/2007	11/14/2007	13	0	13
HG	UG/L	FMC 25	C7K020216014	NM	11/1/2007	11/14/2007	11/14/2007	13	0	13
HG	UG/L	FMC 24	C7K020216001	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15
HG	UG/L	FMC 20	C7K020216009	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 18	C7K020216008	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 16	C7K020216007	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 13	C7K020216006	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15
HG	UG/L	FMC 12	C7K020216005	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15
HG	UG/L	FMC 11	C7K020216004	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15
HG	UG/L	FMC 22	C7K020216010	NM	10/31/2007	11/14/2007	11/14/2007	14	0	14
HG	UG/L	FMC 10	C7K020216003	NM	10/30/2007	11/14/2007	11/14/2007	15	0	15

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	FMC 7	C7K020216013	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 11	C7K020216004	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
M	UG/L	FMC 12	C7K020216005	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
M	UG/L	FMC 13	C7K020216006	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
M	UG/L	FMC 16	C7K020216007	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 18	C7K020216008	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 20	C7K020216009	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 24	C7K020216001	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
M	UG/L	FMC 26	C7K020216015	NM	11/1/2007	11/14/2007	11/27/2007	13	13	26
M	UG/L	FMC 5	C7K020216012	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 9	C7K020216002	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
M	UG/L	FMC 10	C7K020216003	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
M	UG/L	FMC 22	C7K020216010	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 3	C7K020216011	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
M	UG/L	FMC 25	C7K020216014	NM	11/1/2007	11/14/2007	11/27/2007	13	13	26
HGF	UG/L	FMC 18	C7K020216008	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 11	C7K020216004	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17
HGF	UG/L	FMC 12	C7K020216005	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HGF	UG/L	FMC 13	C7K020216006	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17
HGF	UG/L	FMC 9	C7K020216002	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17
HGF	UG/L	FMC 16	C7K020216007	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 20	C7K020216009	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 10	C7K020216003	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17
HGF	UG/L	FMC 22	C7K020216010	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 24	C7K020216001	NM	10/30/2007	11/16/2007	11/16/2007	17	0	17
HGF	UG/L	FMC 25	C7K020216014	NM	11/1/2007	11/16/2007	11/16/2007	15	0	15
HGF	UG/L	FMC 26	C7K020216015	NM	11/1/2007	11/16/2007	11/16/2007	15	0	15
HGF	UG/L	FMC 3	C7K020216011	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 5	C7K020216012	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
HGF	UG/L	FMC 7	C7K020216013	NM	10/31/2007	11/16/2007	11/16/2007	16	0	16
MF	UG/L	FMC 22	C7K020216010	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
MF	UG/L	FMC 7	C7K020216013	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
MF	UG/L	FMC 5	C7K020216012	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
MF	UG/L	FMC 3	C7K020216011	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
MF	UG/L	FMC 26	C7K020216015	NM	11/1/2007	11/14/2007	11/27/2007	13	13	26
MF	UG/L	FMC 24	C7K020216001	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
MF	UG/L	FMC 9	C7K020216002	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
MF	UG/L	FMC 18	C7K020216008	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
MF	UG/L	FMC 16	C7K020216007	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
MF	UG/L	FMC 13	C7K020216006	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
MF	UG/L	FMC 12	C7K020216005	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
MF	UG/L	FMC 11	C7K020216004	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
MF	UG/L	FMC 10	C7K020216003	NM	10/30/2007	11/14/2007	11/27/2007	15	13	28
MF	UG/L	FMC 25	C7K020216014	NM	11/1/2007	11/14/2007	11/27/2007	13	13	26
MF	UG/L	FMC 20	C7K020216009	NM	10/31/2007	11/14/2007	11/27/2007	14	13	27
OS	%	FMC 9DL	C7K020216002	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	%	FMC 25DL	C7K020216014	NM	11/1/2007	11/7/2007	11/22/2007	6	15	21
OS	%	FMC 26DL	C7K020216015	NM	11/1/2007	11/8/2007	11/27/2007	7	19	26
OS	%	FMC 3DL	C7K020216011	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	%	FMC 24DL	C7K020216001	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	%	FMC 7DL	C7K020216013	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	%	FMC 13DL	C7K020216006	NM	10/30/2007	11/6/2007	11/24/2007	7	18	25
OS	%	FMC 5DL	C7K020216012	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22
OS	%	FMC 22DL	C7K020216010	NM	10/31/2007	11/7/2007	11/22/2007	7	15	22

SAMPLE SUMMARY

C7K020216

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KAEX3	001	FMC 24	10/30/07	13:35
KAE05	002	FMC 9	10/30/07	15:05
KAE07	003	FMC 10	10/30/07	14:35
KAE1A	004	FMC 11	10/30/07	14:11
KAE1D	005	FMC 12	10/30/07	16:15
KAE1F	006	FMC 13	10/30/07	16:45
KAE1J	007	FMC 16	10/31/07	09:55
KAE1K	008	FMC 18	10/31/07	10:35
KAE1P	009	FMC 20	10/31/07	11:00
KAE1R	010	FMC 22	10/31/07	13:35
KAE10	011	FMC 3	10/31/07	14:25
KAE15	012	FMC 5	10/31/07	15:10
KAE19	013	FMC 7	10/31/07	16:00
KAE2E	014	FMC 25	11/01/07	12:20
KAE2J	015	FMC 26	11/01/07	21:50
KAE2L	016	TripBlank#1	10/30/07	
KAE21	017	TripBlank#2	10/30/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Test America Pittsburgh

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: TETRA TECH

SDG No.: C7K020216

Initial Calibration Source:

Instrument: ICPMS

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1			**ICV1 MET6089-07**						
	Antimony	82.50	80.0	103.1	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
	Arsenic	80.00	80.0	100.0	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
	Beryllium	81.03	80.0	101.3	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
	Cadmium	82.54	80.0	103.2	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
	Chromium	80.65	80.0	100.8	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
	Copper	81.32	80.0	101.6	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
	Lead	78.33	80.0	97.9	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
	Nickel	81.77	80.0	102.2	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
	Selenium	80.99	80.0	101.2	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
	Silver	81.88	80.0	102.4	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
	Thallium	78.41	80.0	98.0	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
	Zinc	83.09	80.0	103.9	90.0 - 110.0	MS	11/27/2007	15:03	X71127A, gene
CCV1			**CCV1-1 MET6093-07**						
	Antimony	99.67	100.0	99.7	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene
	Arsenic	98.58	100.0	98.6	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene
	Beryllium	98.37	100.0	98.4	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene
	Cadmium	100.54	100.0	100.5	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene
	Chromium	98.73	100.0	98.7	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene
	Copper	99.28	100.0	99.3	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene
	Lead	100.63	100.0	100.6	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene
	Nickel	98.75	100.0	98.8	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene
	Selenium	98.04	100.0	98.0	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene
	Silver	98.07	100.0	98.1	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene
	Thallium	100.23	100.0	100.2	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene
	Zinc	107.27	100.0	107.3	90.0 - 110.0	MS	11/27/2007	15:24	X71127A, gene

Test America Pittsburgh

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: TETRA TECH

SDG No.: C7K020216

Initial Calibration Source:

Instrument: ICPMS

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV2			CCV1-2						
	Antimony	99.59	100.0	99.6	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
	Arsenic	99.12	100.0	99.1	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
	Beryllium	95.92	100.0	95.9	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
	Cadmium	102.43	100.0	102.4	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
	Chromium	98.57	100.0	98.6	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
	Copper	100.71	100.0	100.7	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
	Lead	99.10	100.0	99.1	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
	Nickel	99.66	100.0	99.7	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
	Selenium	97.69	100.0	97.7	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
	Silver	101.77	100.0	101.8	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
	Thallium	98.97	100.0	99.0	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
	Zinc	107.97	100.0	108.0	90.0 - 110.0	MS	11/27/2007	16:22	X71127A, gene
CCV3			CCV1-3						
	Antimony	98.86	100.0	98.9	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene
	Arsenic	97.04	100.0	97.0	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene
	Beryllium	96.83	100.0	96.8	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene
	Cadmium	101.37	100.0	101.4	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene
	Chromium	98.94	100.0	98.9	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene
	Copper	99.57	100.0	99.6	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene
	Lead	99.05	100.0	99.0	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene
	Nickel	99.33	100.0	99.3	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene
	Selenium	97.03	100.0	97.0	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene
	Silver	101.50	100.0	101.5	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene
	Thallium	98.56	100.0	98.6	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene
	Zinc	106.87	100.0	106.9	90.0 - 110.0	MS	11/27/2007	17:17	X71127A, gene

Test America Pittsburgh

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: TETRA TECH

SDG No.: C7K020216

Initial Calibration Source:

Instrument: ICPMS

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV4			CCV1-4						
	Antimony	99.82	100.0	99.8	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
	Arsenic	101.90	100.0	101.9	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
	Beryllium	98.77	100.0	98.8	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
	Cadmium	102.40	100.0	102.4	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
	Chromium	101.27	100.0	101.3	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
	Copper	102.67	100.0	102.7	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
	Lead	99.23	100.0	99.2	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
	Nickel	101.83	100.0	101.8	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
	Selenium	101.18	100.0	101.2	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
	Silver	101.10	100.0	101.1	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
	Thallium	98.98	100.0	99.0	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
	Zinc	108.33	100.0	108.3	90.0 - 110.0	MS	11/27/2007	18:13	X71127A, gene
CCV5			CCV1-5						
	Antimony	98.97	100.0	99.0	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene
	Arsenic	102.67	100.0	102.7	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene
	Beryllium	104.73	100.0	104.7	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene
	Cadmium	100.79	100.0	100.8	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene
	Chromium	99.98	100.0	100.0	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene
	Copper	103.00	100.0	103.0	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene
	Lead	98.44	100.0	98.4	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene
	Nickel	103.13	100.0	103.1	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene
	Selenium	102.17	100.0	102.2	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene
	Silver	101.63	100.0	101.6	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene
	Thallium	98.56	100.0	98.6	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene
	Zinc	106.20	100.0	106.2	90.0 - 110.0	MS	11/27/2007	19:08	X71127A, gene

Test America Pittsburgh

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: TETRA TECH

SDG No.: C7K020216

Initial Calibration Source:

Instrument: ICPMS

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV6			CCV1-6						
	Antimony	98.60	100.0	98.6	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
	Arsenic	102.67	100.0	102.7	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
	Beryllium	100.41	100.0	100.4	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
	Cadmium	100.11	100.0	100.1	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
	Chromium	98.59	100.0	98.6	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
	Copper	101.80	100.0	101.8	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
	Lead	98.68	100.0	98.7	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
	Nickel	102.20	100.0	102.2	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
	Selenium	101.16	100.0	101.2	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
	Silver	100.80	100.0	100.8	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
	Thallium	98.46	100.0	98.5	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
	Zinc	105.30	100.0	105.3	90.0 - 110.0	MS	11/27/2007	20:12	X71127A, gene
CCV7			CCV1-7						
	Antimony	97.17	100.0	97.2	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene
	Arsenic	100.03	100.0	100.0	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene
	Beryllium	100.24	100.0	100.2	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene
	Cadmium	99.74	100.0	99.7	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene
	Chromium	96.74	100.0	96.7	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene
	Copper	99.29	100.0	99.3	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene
	Lead	97.45	100.0	97.4	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene
	Nickel	99.72	100.0	99.7	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene
	Selenium	99.12	100.0	99.1	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene
	Silver	99.87	100.0	99.9	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene
	Thallium	97.05	100.0	97.0	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene
	Zinc	103.03	100.0	103.0	90.0 - 110.0	MS	11/27/2007	21:07	X71127A, gene

Test America Pittsburgh

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: TETRA TECH

SDG No.: C7K020216

Initial Calibration Source:

Instrument: ICPMS

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV8			CCV1-8						
	Antimony	97.77	100.0	97.8	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
	Arsenic	101.00	100.0	101.0	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
	Beryllium	99.17	100.0	99.2	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
	Cadmium	100.12	100.0	100.1	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
	Chromium	99.26	100.0	99.3	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
	Copper	100.07	100.0	100.1	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
	Lead	98.78	100.0	98.8	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
	Nickel	99.27	100.0	99.3	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
	Selenium	99.80	100.0	99.8	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
	Silver	100.36	100.0	100.4	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
	Thallium	98.70	100.0	98.7	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
	Zinc	105.67	100.0	105.7	90.0 - 110.0	MS	11/27/2007	22:06	X71127A, gene
CCV9			CCV1-9						
	Antimony	97.93	100.0	97.9	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene
	Arsenic	100.38	100.0	100.4	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene
	Beryllium	98.26	100.0	98.3	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene
	Cadmium	99.94	100.0	99.9	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene
	Chromium	99.17	100.0	99.2	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene
	Copper	98.45	100.0	98.4	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene
	Lead	98.13	100.0	98.1	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene
	Nickel	98.71	100.0	98.7	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene
	Selenium	98.92	100.0	98.9	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene
	Silver	99.59	100.0	99.6	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene
	Thallium	98.55	100.0	98.6	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene
	Zinc	104.57	100.0	104.6	90.0 - 110.0	MS	11/27/2007	23:08	X71127A, gene

Test America Pittsburgh
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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: TETRA TECH

SDG No.: C7K020216

Initial Calibration Source:

Instrument: ICPMS

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10			CCV1-10						
	Antimony	97.51	100.0	97.5	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene
	Arsenic	101.33	100.0	101.3	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene
	Beryllium	99.67	100.0	99.7	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene
	Cadmium	99.01	100.0	99.0	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene
	Chromium	98.28	100.0	98.3	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene
	Copper	97.14	100.0	97.1	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene
	Lead	98.39	100.0	98.4	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene
	Nickel	99.31	100.0	99.3	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene
	Selenium	99.77	100.0	99.8	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene
	Silver	98.90	100.0	98.9	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene
	Thallium	98.28	100.0	98.3	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene
	Zinc	101.27	100.0	101.3	90.0 - 110.0	MS	11/27/2007	23:59	X71127A, gene

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Verification Standar

Instrument: CVAA **Units:** ug/L

Chart Number: G71116B.PRN **Acceptable Range:** 90% - 110%

Standard Source: Ultra **Standard ID:** MET6359-07

Element	WL/ Mass	True Conc	ICV6-1 11/16/2007 1:40 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	2.5	2.47	98.8								

5.04.5

Form 2A Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Verification Standar

Instrument: CVAA

Units: ug/L

Chart Number: G71114B.PRN

Acceptable Range: 90% - 110%

Standard Source: Ultra

Standard ID: MET6318-07

Element	WL/ Mass	True Conc	ICV6-1 11/14/2007 6:37 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	2.5	2.37	**94.8**								

5.04.5

Form 2A Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA

Units: ug/L

Chart Number: G71116B.PRN

Acceptable Range: 80% - 120%

Standard Source: Inorganic Ventures

Standard ID: MET6361-07

Element	WL/ Mass	True Conc	CCV6-1 11/16/2007 1:45 PM Found	% Rec	CCV6-2 11/16/2007 2:05 PM Found	% Rec	CCV6-3 11/16/2007 2:25 PM Found	% Rec	CCV6-4 11/16/2007 2:45 PM Found	% Rec	CCV6-5 11/16/2007 3:05 PM Found	% Rec
Mercury	253.7	5.0	5.03	**100.6**	5.15	**103.0**	5.23	**104.6**	5.13	**102.6**	5.12	**102.4**

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: G71116B.PRN **Acceptable Range:** 80% - 120%

Standard Source: Inorganic Ventures **Standard ID:** MET6361-07

Element	WL/ Mass	True Conc	CCV6-6 11/16/2007 3:25 PM Found	% Rec	CCV6-7 11/16/2007 3:31 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	5.0	5.06	**101.2**	5.09	**101.8**						

5.04.5

Form 2A Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA

Units: ug/L

Chart Number: G71114B.PRN

Acceptable Range: 80% - 120%

Standard Source: Inorganic Ventures

Standard ID: MET6320-07

Element	WL/ Mass	True Conc	CCV6-1 11/14/2007 6:42 PM Found	% Rec	CCV6-2 11/14/2007 7:02 PM Found	% Rec	CCV6-3 11/14/2007 7:22 PM Found	% Rec	CCV6-4 11/14/2007 7:42 PM Found	% Rec	CCV6-5 11/14/2007 8:02 PM Found	% Rec
Mercury	253.7	5.0	4.81	**96.2**	5.02	**100.4**	4.97	**99.4**	4.85	**97.0**	4.72	**94.4**

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: CVAA **Units:** ug/L

Chart Number: G71114B.PRN **Acceptable Range:** 80% - 120%

Standard Source: Inorganic Ventures **Standard ID:** MET6320-07

Element	WL/ Mass	True Conc	CCV6-6 11/14/2007 8:19 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	5.0	4.69	93.8								

5.04.5

Form 2A Equivalent

Test America Pittsburgh
- 2b -
CRDL STANDARD FOR AA & ICP

Client: TETRA TECH

SDG No.: C7K020216

ICPMS Standard Source: Inorganic Ventures

Instrument: ICPMS

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Advisory Limits (%R)	M	Analysis Date	Analysis Time	Run Number
CRDL1		CRI MET6090-07							
	Antimony	1.98	2.0	99.0	50 - 150	MS	11/27/200	15:11	X71127A, g
	Arsenic	1.19	1.0	119.0	50 - 150	MS	11/27/200	15:11	X71127A, g
	Beryllium	1.00	1.0	100.0	50 - 150	MS	11/27/200	15:11	X71127A, g
	Cadmium	1.03	1.0	103.0	50 - 150	MS	11/27/200	15:11	X71127A, g
	Chromium	1.86	2.0	93.0	50 - 150	MS	11/27/200	15:11	X71127A, g
	Copper	2.11	2.0	105.5	50 - 150	MS	11/27/200	15:11	X71127A, g
	Lead	0.82	1.0	82.0	50 - 150	MS	11/27/200	15:11	X71127A, g
	Nickel	1.13	1.0	113.0	50 - 150	MS	11/27/200	15:11	X71127A, g
	Selenium	4.45	5.0	89.0	50 - 150	MS	11/27/200	15:11	X71127A, g
	Silver	1.05	1.0	105.0	50 - 150	MS	11/27/200	15:11	X71127A, g
	Thallium	0.94	1.0	94.0	50 - 150	MS	11/27/200	15:11	X71127A, g
	Zinc	4.98	5.0	99.6	50 - 150	MS	11/27/200	15:11	X71127A, g

TestAmerica Pittsburgh

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: CVAA **Units:** ug/L

Chart Number: G71114B.PRN **Acceptable Range:** 50% - 150%

Standard Source: Ultra **Standard ID:** MET6319-07

Element	WL/ Mass	True Conc	CRA/RLV 11/14/2007 6:40 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	0.2	0.21	**102.5**								

TestAmerica Pittsburgh

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: CVAA **Units:** ug/L

Chart Number: G71116B.PRN **Acceptable Range:** 50% - 150%

Standard Source: Ultra **Standard ID:** MET6360-07

Element	WL/ Mass	True Conc	CRA/RLV 11/16/2007 1:43 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Mercury	253.7	0.2	0.21	104.5								

Test America Pittsburgh

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: TETRA TECH **SDG No.:** C7K020216

Instrument: ICPMS

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	MDL	CRQL	M	Analysis Date	Analysis Time	Run
ICB1			ICB1							
	Antimony	0.07	+/-2.00	J	0.05	2.00	MS	11/27/2007	15:07	X71127A, gen
	Arsenic	-0.02	+/-1.00	U	0.14	1.00	MS	11/27/2007	15:07	X71127A, gen
	Beryllium	-0.01	+/-1.00	U	0.07	1.00	MS	11/27/2007	15:07	X71127A, gen
	Cadmium	-0.04	+/-1.00	U	0.11	1.00	MS	11/27/2007	15:07	X71127A, gen
	Chromium	-0.02	+/-2.00	U	0.11	2.00	MS	11/27/2007	15:07	X71127A, gen
	Copper	-0.03	+/-2.00	U	0.14	2.00	MS	11/27/2007	15:07	X71127A, gen
	Lead	-0.11	+/-1.00	J	0.02	1.00	MS	11/27/2007	15:07	X71127A, gen
	Nickel	-0.02	+/-1.00	U	0.07	1.00	MS	11/27/2007	15:07	X71127A, gen
	Selenium	0.03	+/-5.00	U	0.21	5.00	MS	11/27/2007	15:07	X71127A, gen
	Silver	0.03	+/-1.00	U	0.08	1.00	MS	11/27/2007	15:07	X71127A, gen
	Thallium	0.00	+/-1.00	U	0.02	1.00	MS	11/27/2007	15:07	X71127A, gen
	Zinc	-0.10	+/-5.00	U	0.60	5.00	MS	11/27/2007	15:07	X71127A, gen
CCB1			CCB1							
	Antimony	0.17	+/-2.00	J	0.05	2.00	MS	11/27/2007	15:28	X71127A, gen
	Arsenic	-0.07	+/-1.00	U	0.14	1.00	MS	11/27/2007	15:28	X71127A, gen
	Beryllium	0.00	+/-1.00	U	0.07	1.00	MS	11/27/2007	15:28	X71127A, gen
	Cadmium	0.04	+/-1.00	U	0.11	1.00	MS	11/27/2007	15:28	X71127A, gen
	Chromium	0.01	+/-2.00	U	0.11	2.00	MS	11/27/2007	15:28	X71127A, gen
	Copper	0.00	+/-2.00	U	0.14	2.00	MS	11/27/2007	15:28	X71127A, gen
	Lead	-0.03	+/-1.00	J	0.02	1.00	MS	11/27/2007	15:28	X71127A, gen
	Nickel	0.01	+/-1.00	U	0.07	1.00	MS	11/27/2007	15:28	X71127A, gen
	Selenium	-0.13	+/-5.00	U	0.21	5.00	MS	11/27/2007	15:28	X71127A, gen
	Silver	0.02	+/-1.00	U	0.08	1.00	MS	11/27/2007	15:28	X71127A, gen
	Thallium	0.02	+/-1.00	U	0.02	1.00	MS	11/27/2007	15:28	X71127A, gen
	Zinc	-0.04	+/-5.00	U	0.60	5.00	MS	11/27/2007	15:28	X71127A, gen

Test America Pittsburgh
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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: TETRA TECH

SDG No.: C7K020216

Instrument: ICPMS

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	MDL	CRQL	M	Analysis Date	Analysis Time	Run
CCB2			CCB2							
	Antimony	0.20	+/-2.00	J	0.05	2.00	MS	11/27/2007	16:27	X71127A, gen
	Arsenic	-0.07	+/-1.00	U	0.14	1.00	MS	11/27/2007	16:27	X71127A, gen
	Beryllium	-0.02	+/-1.00	U	0.07	1.00	MS	11/27/2007	16:27	X71127A, gen
	Cadmium	-0.07	+/-1.00	U	0.11	1.00	MS	11/27/2007	16:27	X71127A, gen
	Chromium	0.01	+/-2.00	U	0.11	2.00	MS	11/27/2007	16:27	X71127A, gen
	Copper	0.00	+/-2.00	U	0.14	2.00	MS	11/27/2007	16:27	X71127A, gen
	Lead	-0.13	+/-1.00	J	0.02	1.00	MS	11/27/2007	16:27	X71127A, gen
	Nickel	-0.03	+/-1.00	U	0.07	1.00	MS	11/27/2007	16:27	X71127A, gen
	Selenium	-0.22	+/-5.00	J	0.21	5.00	MS	11/27/2007	16:27	X71127A, gen
	Silver	0.00	+/-1.00	U	0.08	1.00	MS	11/27/2007	16:27	X71127A, gen
	Thallium	0.01	+/-1.00	U	0.02	1.00	MS	11/27/2007	16:27	X71127A, gen
	Zinc	-0.02	+/-5.00	U	0.60	5.00	MS	11/27/2007	16:27	X71127A, gen
CCB3			CCB3							
	Antimony	0.19	+/-2.00	J	0.05	2.00	MS	11/27/2007	17:21	X71127A, gen
	Arsenic	-0.11	+/-1.00	U	0.14	1.00	MS	11/27/2007	17:21	X71127A, gen
	Beryllium	0.01	+/-1.00	U	0.07	1.00	MS	11/27/2007	17:21	X71127A, gen
	Cadmium	-0.07	+/-1.00	U	0.11	1.00	MS	11/27/2007	17:21	X71127A, gen
	Chromium	0.02	+/-2.00	U	0.11	2.00	MS	11/27/2007	17:21	X71127A, gen
	Copper	0.00	+/-2.00	U	0.14	2.00	MS	11/27/2007	17:21	X71127A, gen
	Lead	-0.14	+/-1.00	J	0.02	1.00	MS	11/27/2007	17:21	X71127A, gen
	Nickel	-0.01	+/-1.00	U	0.07	1.00	MS	11/27/2007	17:21	X71127A, gen
	Selenium	0.01	+/-5.00	U	0.21	5.00	MS	11/27/2007	17:21	X71127A, gen
	Silver	0.00	+/-1.00	U	0.08	1.00	MS	11/27/2007	17:21	X71127A, gen
	Thallium	0.01	+/-1.00	U	0.02	1.00	MS	11/27/2007	17:21	X71127A, gen
	Zinc	-0.01	+/-5.00	U	0.60	5.00	MS	11/27/2007	17:21	X71127A, gen

Test America Pittsburgh
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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: TETRA TECH

SDG No.: C7K020216

Instrument: ICPMS

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	MDL	CRQL	M	Analysis Date	Analysis Time	Run
CCB4			CCB4							
	Antimony	0.17	+/-2.00	J	0.05	2.00	MS	11/27/2007	18:17	X71127A, gen
	Arsenic	-0.07	+/-1.00	U	0.14	1.00	MS	11/27/2007	18:17	X71127A, gen
	Beryllium	0.00	+/-1.00	U	0.07	1.00	MS	11/27/2007	18:17	X71127A, gen
	Cadmium	-0.01	+/-1.00	U	0.11	1.00	MS	11/27/2007	18:17	X71127A, gen
	Chromium	0.02	+/-2.00	U	0.11	2.00	MS	11/27/2007	18:17	X71127A, gen
	Copper	-0.01	+/-2.00	U	0.14	2.00	MS	11/27/2007	18:17	X71127A, gen
	Lead	-0.14	+/-1.00	J	0.02	1.00	MS	11/27/2007	18:17	X71127A, gen
	Nickel	0.01	+/-1.00	U	0.07	1.00	MS	11/27/2007	18:17	X71127A, gen
	Selenium	-0.11	+/-5.00	U	0.21	5.00	MS	11/27/2007	18:17	X71127A, gen
	Silver	-0.01	+/-1.00	U	0.08	1.00	MS	11/27/2007	18:17	X71127A, gen
	Thallium	0.01	+/-1.00	U	0.02	1.00	MS	11/27/2007	18:17	X71127A, gen
	Zinc	-0.02	+/-5.00	U	0.60	5.00	MS	11/27/2007	18:17	X71127A, gen
CCB5			CCB5							
	Antimony	0.19	+/-2.00	J	0.05	2.00	MS	11/27/2007	19:13	X71127A, gen
	Arsenic	-0.02	+/-1.00	U	0.14	1.00	MS	11/27/2007	19:13	X71127A, gen
	Beryllium	-0.03	+/-1.00	U	0.07	1.00	MS	11/27/2007	19:13	X71127A, gen
	Cadmium	0.05	+/-1.00	U	0.11	1.00	MS	11/27/2007	19:13	X71127A, gen
	Chromium	0.05	+/-2.00	U	0.11	2.00	MS	11/27/2007	19:13	X71127A, gen
	Copper	0.02	+/-2.00	U	0.14	2.00	MS	11/27/2007	19:13	X71127A, gen
	Lead	-0.12	+/-1.00	J	0.02	1.00	MS	11/27/2007	19:13	X71127A, gen
	Nickel	0.01	+/-1.00	U	0.07	1.00	MS	11/27/2007	19:13	X71127A, gen
	Selenium	0.01	+/-5.00	U	0.21	5.00	MS	11/27/2007	19:13	X71127A, gen
	Silver	0.00	+/-1.00	U	0.08	1.00	MS	11/27/2007	19:13	X71127A, gen
	Thallium	0.01	+/-1.00	U	0.02	1.00	MS	11/27/2007	19:13	X71127A, gen
	Zinc	0.02	+/-5.00	U	0.60	5.00	MS	11/27/2007	19:13	X71127A, gen

Test America Pittsburgh

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: TETRA TECH **SDG No.:** C7K020216

Instrument: ICPMS

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	MDL	CRQL	M	Analysis Date	Analysis Time	Run
CCB6			CCB6							
	Antimony	0.28	+/-2.00	J	0.05	2.00	MS	11/27/2007	20:16	X71127A, gen
	Arsenic	-0.09	+/-1.00	U	0.14	1.00	MS	11/27/2007	20:16	X71127A, gen
	Beryllium	0.01	+/-1.00	U	0.07	1.00	MS	11/27/2007	20:16	X71127A, gen
	Cadmium	0.02	+/-1.00	U	0.11	1.00	MS	11/27/2007	20:16	X71127A, gen
	Chromium	0.05	+/-2.00	U	0.11	2.00	MS	11/27/2007	20:16	X71127A, gen
	Copper	0.00	+/-2.00	U	0.14	2.00	MS	11/27/2007	20:16	X71127A, gen
	Lead	-0.09	+/-1.00	J	0.02	1.00	MS	11/27/2007	20:16	X71127A, gen
	Nickel	-0.02	+/-1.00	U	0.07	1.00	MS	11/27/2007	20:16	X71127A, gen
	Selenium	-0.29	+/-5.00	J	0.21	5.00	MS	11/27/2007	20:16	X71127A, gen
	Silver	0.01	+/-1.00	U	0.08	1.00	MS	11/27/2007	20:16	X71127A, gen
	Thallium	0.05	+/-1.00	J	0.02	1.00	MS	11/27/2007	20:16	X71127A, gen
	Zinc	-0.01	+/-5.00	U	0.60	5.00	MS	11/27/2007	20:16	X71127A, gen
CCB7			CCB7							
	Antimony	0.20	+/-2.00	J	0.05	2.00	MS	11/27/2007	21:11	X71127A, gen
	Arsenic	0.17	+/-1.00	J	0.14	1.00	MS	11/27/2007	21:11	X71127A, gen
	Beryllium	-0.01	+/-1.00	U	0.07	1.00	MS	11/27/2007	21:11	X71127A, gen
	Cadmium	-0.01	+/-1.00	U	0.11	1.00	MS	11/27/2007	21:11	X71127A, gen
	Chromium	0.33	+/-2.00	J	0.11	2.00	MS	11/27/2007	21:11	X71127A, gen
	Copper	0.10	+/-2.00	U	0.14	2.00	MS	11/27/2007	21:11	X71127A, gen
	Lead	-0.09	+/-1.00	J	0.02	1.00	MS	11/27/2007	21:11	X71127A, gen
	Nickel	0.05	+/-1.00	U	0.07	1.00	MS	11/27/2007	21:11	X71127A, gen
	Selenium	0.39	+/-5.00	J	0.21	5.00	MS	11/27/2007	21:11	X71127A, gen
	Silver	0.01	+/-1.00	U	0.08	1.00	MS	11/27/2007	21:11	X71127A, gen
	Thallium	0.01	+/-1.00	U	0.02	1.00	MS	11/27/2007	21:11	X71127A, gen
	Zinc	0.04	+/-5.00	U	0.60	5.00	MS	11/27/2007	21:11	X71127A, gen

Test America Pittsburgh
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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: TETRA TECH

SDG No.: C7K020216

Instrument: ICPMS

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	MDL	CRQL	M	Analysis Date	Analysis Time	Run
CCB8			CCB8							
	Antimony	0.17	+/-2.00	J	0.05	2.00	MS	11/27/2007	22:10	X71127A, gen
	Arsenic	-0.02	+/-1.00	U	0.14	1.00	MS	11/27/2007	22:10	X71127A, gen
	Beryllium	-0.01	+/-1.00	U	0.07	1.00	MS	11/27/2007	22:10	X71127A, gen
	Cadmium	-0.03	+/-1.00	U	0.11	1.00	MS	11/27/2007	22:10	X71127A, gen
	Chromium	0.14	+/-2.00	J	0.11	2.00	MS	11/27/2007	22:10	X71127A, gen
	Copper	0.02	+/-2.00	U	0.14	2.00	MS	11/27/2007	22:10	X71127A, gen
	Lead	-0.06	+/-1.00	J	0.02	1.00	MS	11/27/2007	22:10	X71127A, gen
	Nickel	0.01	+/-1.00	U	0.07	1.00	MS	11/27/2007	22:10	X71127A, gen
	Selenium	0.35	+/-5.00	J	0.21	5.00	MS	11/27/2007	22:10	X71127A, gen
	Silver	0.01	+/-1.00	U	0.08	1.00	MS	11/27/2007	22:10	X71127A, gen
	Thallium	0.01	+/-1.00	U	0.02	1.00	MS	11/27/2007	22:10	X71127A, gen
	Zinc	0.03	+/-5.00	U	0.60	5.00	MS	11/27/2007	22:10	X71127A, gen
CCB9			CCB9							
	Antimony	0.18	+/-2.00	J	0.05	2.00	MS	11/27/2007	23:12	X71127A, gen
	Arsenic	0.17	+/-1.00	J	0.14	1.00	MS	11/27/2007	23:12	X71127A, gen
	Beryllium	0.00	+/-1.00	U	0.07	1.00	MS	11/27/2007	23:12	X71127A, gen
	Cadmium	-0.03	+/-1.00	U	0.11	1.00	MS	11/27/2007	23:12	X71127A, gen
	Chromium	0.34	+/-2.00	J	0.11	2.00	MS	11/27/2007	23:12	X71127A, gen
	Copper	0.07	+/-2.00	U	0.14	2.00	MS	11/27/2007	23:12	X71127A, gen
	Lead	0.00	+/-1.00	U	0.02	1.00	MS	11/27/2007	23:12	X71127A, gen
	Nickel	0.02	+/-1.00	U	0.07	1.00	MS	11/27/2007	23:12	X71127A, gen
	Selenium	0.47	+/-5.00	J	0.21	5.00	MS	11/27/2007	23:12	X71127A, gen
	Silver	0.01	+/-1.00	U	0.08	1.00	MS	11/27/2007	23:12	X71127A, gen
	Thallium	0.04	+/-1.00	J	0.02	1.00	MS	11/27/2007	23:12	X71127A, gen
	Zinc	0.05	+/-5.00	U	0.60	5.00	MS	11/27/2007	23:12	X71127A, gen

Test America Pittsburgh

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: TETRA TECH **SDG No.:** C7K020216

Instrument: ICPMS

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	MDL	CRQL	M	Analysis Date	Analysis Time	Run
CCB10			CCB10							
	Antimony	0.20	+/-2.00	J	0.05	2.00	MS	11/28/2007	00:03	X71127A, gen
	Arsenic	0.26	+/-1.00	J	0.14	1.00	MS	11/28/2007	00:03	X71127A, gen
	Beryllium	0.00	+/-1.00	U	0.07	1.00	MS	11/28/2007	00:03	X71127A, gen
	Cadmium	-0.01	+/-1.00	U	0.11	1.00	MS	11/28/2007	00:03	X71127A, gen
	Chromium	0.36	+/-2.00	J	0.11	2.00	MS	11/28/2007	00:03	X71127A, gen
	Copper	0.16	+/-2.00	J	0.14	2.00	MS	11/28/2007	00:03	X71127A, gen
	Lead	0.04	+/-1.00	J	0.02	1.00	MS	11/28/2007	00:03	X71127A, gen
	Nickel	0.03	+/-1.00	U	0.07	1.00	MS	11/28/2007	00:03	X71127A, gen
	Selenium	1.08	+/-5.00	J	0.21	5.00	MS	11/28/2007	00:03	X71127A, gen
	Silver	0.01	+/-1.00	U	0.08	1.00	MS	11/28/2007	00:03	X71127A, gen
	Thallium	0.03	+/-1.00	J	0.02	1.00	MS	11/28/2007	00:03	X71127A, gen
	Zinc	0.38	+/-5.00	U	0.60	5.00	MS	11/28/2007	00:03	X71127A, gen

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: G71116B.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 11/16/2007 1:41 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U								

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: CVAA **Units:** ug/L

Chart Number: G71114B.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 11/14/2007 6:38 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U								

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: CVAA **Units:** ug/L

Chart Number: G71116B.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 11/16/2007 1:46 PM		CCB2 11/16/2007 2:07 PM		CCB3 11/16/2007 2:27 PM		CCB4 11/16/2007 2:47 PM		CCB5 11/16/2007 3:07 PM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: CVAA **Units:** ug/L

Chart Number: G71116B.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 11/16/2007 3:27 PM Found	Q	CCB7 11/16/2007 3:32 PM Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U	0.1	U						

5.04.5

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: CVAA **Units:** ug/L

Chart Number: G71114B.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 11/14/2007 6:43 PM		CCB2 11/14/2007 7:04 PM		CCB3 11/14/2007 7:24 PM		CCB4 11/14/2007 7:44 PM		CCB5 11/14/2007 8:04 PM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

5.04.5

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: CVAA **Units:** ug/L

Chart Number: G71114B.PRN

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB6 11/14/2007 8:21 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Mercury	253.7	0.2	0.1	U								

5.04.5

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C7K140000-317 **Prep Batch #...:** 7318317						
Antimony	ND	2.0	ug/L	SW846 6020	11/14-11/27/07	KA8JK1AQ
		Dilution Factor: 1				
		Analysis Time..: 19:39		Analyst ID.....: 400149	Instrument ID..: ICP	
Arsenic	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8JK1AD
		Dilution Factor: 1				
		Analysis Time..: 19:39		Analyst ID.....: 400149	Instrument ID..: ICP	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8JK1AF
		Dilution Factor: 1				
		Analysis Time..: 19:39		Analyst ID.....: 400149	Instrument ID..: ICP	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8JK1AG
		Dilution Factor: 1				
		Analysis Time..: 19:39		Analyst ID.....: 400149	Instrument ID..: ICP	
Chromium	**0.16 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KA8JK1AJ**
		Dilution Factor: 1				
		Analysis Time..: 19:39		Analyst ID.....: 400149	Instrument ID..: ICP	
Copper	ND	2.0	ug/L	SW846 6020	11/14-11/27/07	KA8JK1AK
		Dilution Factor: 1				
		Analysis Time..: 19:39		Analyst ID.....: 400149	Instrument ID..: ICP	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8JK1AM
		Dilution Factor: 1				
		Analysis Time..: 19:39		Analyst ID.....: 400149	Instrument ID..: ICP	
Nickel	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8JK1AL
		Dilution Factor: 1				
		Analysis Time..: 19:39		Analyst ID.....: 400149	Instrument ID..: ICP	
Selenium	ND	5.0	ug/L	SW846 6020	11/14-11/27/07	KA8JK1AN
		Dilution Factor: 1				
		Analysis Time..: 19:39		Analyst ID.....: 400149	Instrument ID..: ICP	
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8JK1AC
		Dilution Factor: 1				
		Analysis Time..: 19:39		Analyst ID.....: 400149	Instrument ID..: ICP	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8JK1AP
		Dilution Factor: 1				
		Analysis Time..: 19:39		Analyst ID.....: 400149	Instrument ID..: ICP	

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	1.6 B	5.0	ug/L	SW846 6020	11/14-11/27/07	KA8JK1AT

Dilution Factor: 1
Analysis Time..: 19:39 Analyst ID.....: 400149 Instrument ID..: ICP

MB Lot-Sample #: C7K140000-436 **Prep Batch #...:** 7318436

Mercury	0.059 B	0.20	ug/L	SW846 7470A	11/14/07	KA9AJ1AA

Dilution Factor: 1
Analysis Time..: 19:32 Analyst ID.....: 400491 Instrument ID..: HGH

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C7K140000-307 **Prep Batch #...:** 7318307						
Antimony	ND	2.0	ug/L	SW846 6020	11/14-11/27/07	KA8H11AK
		Dilution Factor: 1				
		Analysis Time..: 21:58		Analyst ID.....: 400149	Instrument ID..: ICP	
Arsenic	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8H11AC
		Dilution Factor: 1				
		Analysis Time..: 21:58		Analyst ID.....: 400149	Instrument ID..: ICP	
Beryllium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8H11AD
		Dilution Factor: 1				
		Analysis Time..: 21:58		Analyst ID.....: 400149	Instrument ID..: ICP	
Cadmium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8H11AE
		Dilution Factor: 1				
		Analysis Time..: 21:58		Analyst ID.....: 400149	Instrument ID..: ICP	
Chromium	**0.40 B**	**2.0**	**ug/L**	**SW846 6020**	**11/14-11/27/07**	**KA8H11AF**
		Dilution Factor: 1				
		Analysis Time..: 21:58		Analyst ID.....: 400149	Instrument ID..: ICP	
Copper	ND	2.0	ug/L	SW846 6020	11/14-11/27/07	KA8H11AG
		Dilution Factor: 1				
		Analysis Time..: 21:58		Analyst ID.....: 400149	Instrument ID..: ICP	
Lead	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8H11AJ
		Dilution Factor: 1				
		Analysis Time..: 21:58		Analyst ID.....: 400149	Instrument ID..: ICP	
Nickel	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8H11AH
		Dilution Factor: 1				
		Analysis Time..: 21:58		Analyst ID.....: 400149	Instrument ID..: ICP	
Selenium	ND	5.0	ug/L	SW846 6020	11/14-11/27/07	KA8H11AL
		Dilution Factor: 1				
		Analysis Time..: 21:58		Analyst ID.....: 400149	Instrument ID..: ICP	
Silver	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8H11AA
		Dilution Factor: 1				
		Analysis Time..: 21:58		Analyst ID.....: 400149	Instrument ID..: ICP	
Thallium	ND	1.0	ug/L	SW846 6020	11/14-11/27/07	KA8H11AM
		Dilution Factor: 1				
		Analysis Time..: 21:58		Analyst ID.....: 400149	Instrument ID..: ICP	

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	5.0	ug/L	SW846 6020	11/14-11/27/07	KA8H11AN

Dilution Factor: 1
Analysis Time..: 21:58 Analyst ID.....: 400149 Instrument ID..: ICP

MB Lot-Sample #: C7K160000-210 **Prep Batch #...:** 7320210

Mercury	ND	0.20	ug/L	SW846 7470A	11/16/07	KCEDM1AA

Dilution Factor: 1
Analysis Time..: 13:48 Analyst ID.....: 400491 Instrument ID..: HGH

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

Test America Pittsburgh

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INTERFERENCE CHECK SAMPLE

Client: TETRA TECH **SDG No.:** C7K020216

ICS Source: Inorganic Ventures **Instrument ID:** ICPMS

Sample ID Analyte	WL/Mass	Result ug/L	Qual	True Value ug/L	% Recovery	Acceptance Window	Analysis Date	Analysis Time	Run Number
ICSA MET6091-07									
Antimony	121Sb	0				-6.0 - 6.0	11/27/2007	15:15	X71127A, g
Arsenic	75As	0				-3.0 - 3.0	11/27/2007	15:15	X71127A, g
Beryllium	9Be	0				-3.0 - 3.0	11/27/2007	15:15	X71127A, g
Cadmium	111Cd	0				-3.0 - 3.0	11/27/2007	15:15	X71127A, g
Chromium	52Cr	0				-6.0 - 6.0	11/27/2007	15:15	X71127A, g
Copper	65Cu	1				-6.0 - 6.0	11/27/2007	15:15	X71127A, g
Lead	208Pb	0				-3.0 - 3.0	11/27/2007	15:15	X71127A, g
Nickel	60Ni	0				-3.0 - 3.0	11/27/2007	15:15	X71127A, g
Selenium	82Se	0				-15.0 - 15.0	11/27/2007	15:15	X71127A, g
Silver	107Ag	0				-3.0 - 3.0	11/27/2007	15:15	X71127A, g
Thallium	205Tl	0				-3.0 - 3.0	11/27/2007	15:15	X71127A, g
Zinc	66Zn	5				-15.0 - 15.0	11/27/2007	15:15	X71127A, g
ICSAB MET6092-07									
Antimony	121Sb	21.35		20	106.8	80 - 120%	11/27/2007	15:20	X71127A, g
Arsenic	75As	21.15		20	105.8	80 - 120%	11/27/2007	15:20	X71127A, g
Beryllium	9Be	20.84		20	104.2	80 - 120%	11/27/2007	15:20	X71127A, g
Cadmium	111Cd	22.23		20	111.2	80 - 120%	11/27/2007	15:20	X71127A, g
Chromium	52Cr	21.72		20	108.6	80 - 120%	11/27/2007	15:20	X71127A, g
Copper	65Cu	21.29		20	106.4	80 - 120%	11/27/2007	15:20	X71127A, g
Lead	208Pb	21.94		20	109.7	80 - 120%	11/27/2007	15:20	X71127A, g
Nickel	60Ni	21.58		20	107.9	80 - 120%	11/27/2007	15:20	X71127A, g
Selenium	82Se	50.41		50	100.8	80 - 120%	11/27/2007	15:20	X71127A, g
Silver	107Ag	22.62		20	113.1	80 - 120%	11/27/2007	15:20	X71127A, g
Thallium	205Tl	21.87		20	109.4	80 - 120%	11/27/2007	15:20	X71127A, g
Zinc	66Zn	27.08		25	108.3	80 - 120%	11/27/2007	15:20	X71127A, g

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C7K140000-317 **Prep Batch #...:** 7318317							
Silver	50.0	49.2	ug/L	98	SW846 6020	11/14-11/27/07	KA8JK1AV
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Arsenic	40.0	34.3	ug/L	86	SW846 6020	11/14-11/27/07	KA8JK1AW
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Beryllium	50.0	42.9	ug/L	86	SW846 6020	11/14-11/27/07	KA8JK1A0
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Cadmium	50.0	45.5	ug/L	91	SW846 6020	11/14-11/27/07	KA8JK1A1
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Chromium	200	198	ug/L	99	SW846 6020	11/14-11/27/07	KA8JK1A3
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Copper	250	249	ug/L	100	SW846 6020	11/14-11/27/07	KA8JK1A4
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Nickel	500	498	ug/L	100	SW846 6020	11/14-11/27/07	KA8JK1A5
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Lead	20.0	19.8	ug/L	99	SW846 6020	11/14-11/27/07	KA8JK1A6
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Selenium	10.0	8.26	ug/L	83	SW846 6020	11/14-11/27/07	KA8JK1A7
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Thallium	50.0	48.4	ug/L	97	SW846 6020	11/14-11/27/07	KA8JK1A8
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	500	432	ug/L	86	SW846 6020	11/14-11/27/07	KA8JK1A9
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Zinc	500	423	ug/L	85	SW846 6020	11/14-11/27/07	KA8JK1CC
			Dilution Factor: 1		Analysis Time..: 19:43	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				

LCS Lot-Sample#: C7K140000-436 **Prep Batch #...:** 7318436

Mercury	2.50	2.46	ug/L	98	SW846 7470A	11/14/07	KA9AJ1AC
			Dilution Factor: 1		Analysis Time..: 19:34	Analyst ID.....: 400491	
			Instrument ID..: HGHYDRA				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C7K140000-307 **Prep Batch #...:** 7318307							
Silver	50.0	50.9	ug/L	102	SW846 6020	11/14-11/27/07	KA8H11AP
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Arsenic	40.0	35.2	ug/L	88	SW846 6020	11/14-11/27/07	KA8H11AQ
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Beryllium	50.0	45.0	ug/L	90	SW846 6020	11/14-11/27/07	KA8H11AR
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Cadmium	50.0	46.9	ug/L	94	SW846 6020	11/14-11/27/07	KA8H11AT
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Chromium	200	200	ug/L	100	SW846 6020	11/14-11/27/07	KA8H11AU
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Copper	250	254	ug/L	101	SW846 6020	11/14-11/27/07	KA8H11AV
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Nickel	500	507	ug/L	101	SW846 6020	11/14-11/27/07	KA8H11AW
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Lead	20.0	19.2	ug/L	96	SW846 6020	11/14-11/27/07	KA8H11AX
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Antimony	500	451	ug/L	90	SW846 6020	11/14-11/27/07	KA8H11A0
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Selenium	10.0	9.07	ug/L	91	SW846 6020	11/14-11/27/07	KA8H11A1
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	50.0	47.4	ug/L	95	SW846 6020	11/14-11/27/07	KA8H11A2
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				
Zinc	500	449	ug/L	90	SW846 6020	11/14-11/27/07	KA8H11A3
			Dilution Factor: 1		Analysis Time..: 22:14	Analyst ID.....: 400149	
			Instrument ID..: ICPMS				

LCS Lot-Sample#: C7K160000-210 **Prep Batch #...:** 7320210

Mercury	2.50	2.61	ug/L	104	SW846 7470A	11/16/07	KCEDM1AC
			Dilution Factor: 1		Analysis Time..: 13:50	Analyst ID.....: 400491	
			Instrument ID..: HGHYDRA				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER
Date Sampled...: 11/01/07 **Date Received..:** 11/02/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C7K020133-001 **Prep Batch #...:** 7318317									
Antimony									
	0.15	500	442	ug/L	88		SW846 6020	11/14-11/27/07	KAD6H1C7
	0.15	500	446	ug/L	89	0.76	SW846 6020	11/14-11/27/07	KAD6H1C8
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						
Arsenic									
	ND	40.0	33.4	ug/L	84		SW846 6020	11/14-11/27/07	KAD6H1CG
	ND	40.0	33.2	ug/L	83	0.54	SW846 6020	11/14-11/27/07	KAD6H1CH
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						
Beryllium									
	ND	50.0	42.7	ug/L	85		SW846 6020	11/14-11/27/07	KAD6H1CL
	ND	50.0	42.7	ug/L	85	0.07	SW846 6020	11/14-11/27/07	KAD6H1CM
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						
Cadmium									
	ND	50.0	45.6	ug/L	91		SW846 6020	11/14-11/27/07	KAD6H1CN
	ND	50.0	46.4	ug/L	93	1.6	SW846 6020	11/14-11/27/07	KAD6H1CP
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						
Chromium									
	1.0	200	203	ug/L	101		SW846 6020	11/14-11/27/07	KAD6H1CT
	1.0	200	197	ug/L	98	2.6	SW846 6020	11/14-11/27/07	KAD6H1CU
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						
Copper									
	0.52	250	242	ug/L	97		SW846 6020	11/14-11/27/07	KAD6H1CV
	0.52	250	239	ug/L	95	1.5	SW846 6020	11/14-11/27/07	KAD6H1CW
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER
Date Sampled...: 11/01/07 **Date Received..:** 11/02/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead									
	0.12	20.0	20.3	ug/L	101		SW846 6020	11/14-11/27/07	KAD6H1C1
	0.12	20.0	20.2	ug/L	100	0.44	SW846 6020	11/14-11/27/07	KAD6H1C2
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						
Nickel									
	3.0	500	498	ug/L	99		SW846 6020	11/14-11/27/07	KAD6H1CX
	3.0	500	492	ug/L	98	1.1	SW846 6020	11/14-11/27/07	KAD6H1C0
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						
Selenium									
	ND	10.0	8.16	ug/L	82		SW846 6020	11/14-11/27/07	KAD6H1C3
	ND	10.0	7.50	ug/L	75	8.5	SW846 6020	11/14-11/27/07	KAD6H1C4
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						
Silver									
	ND	50.0	48.7	ug/L	97		SW846 6020	11/14-11/27/07	KAD6H1CE
	ND	50.0	49.6	ug/L	99	1.7	SW846 6020	11/14-11/27/07	KAD6H1CF
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						
Thallium									
	0.24	50.0	49.8	ug/L	99		SW846 6020	11/14-11/27/07	KAD6H1C5
	0.24	50.0	49.6	ug/L	99	0.40	SW846 6020	11/14-11/27/07	KAD6H1C6
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						
Zinc									
	19.6	500	436	ug/L	83		SW846 6020	11/14-11/27/07	KAD6H1DC
	19.6	500	431	ug/L	82	1.2	SW846 6020	11/14-11/27/07	KAD6H1DD
			Dilution Factor: 1						
			Analysis Time..: 20:00		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318166						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER
Date Sampled...: 11/01/07 **Date Received..:** 11/02/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C7K020133-003 **Prep Batch #...:** 7318436									
Mercury									
	ND	1.00	0.588 N	ug/L	59		SW846 7470A	11/14/07	KAD7L1A9
	ND	1.00	0.571 N	ug/L	57	2.9	SW846 7470A	11/14/07	KAD7L1CA

Dilution Factor: 1
Analysis Time..: 19:40 Instrument ID..: HGHYDRA Analyst ID.....: 400491
MS Run #.....: 7318234

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER
Date Sampled...: 10/30/07 **Date Received..:** 11/02/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C7K020216-001 **Prep Batch #...:** 7318307									
Antimony									
	0.33	500	442	ug/L	88		SW846 6020	11/14-11/27/07	KAEX31CT
	0.33	500	434	ug/L	87	1.8	SW846 6020	11/14-11/27/07	KAEX31CU
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						
Arsenic									
	3.8	40.0	37.9	ug/L	85		SW846 6020	11/14-11/27/07	KAEX31CC
	3.8	40.0	38.2	ug/L	86	0.60	SW846 6020	11/14-11/27/07	KAEX31CD
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						
Beryllium									
	ND	50.0	43.7	ug/L	87		SW846 6020	11/14-11/27/07	KAEX31CE
	ND	50.0	43.2	ug/L	86	1.2	SW846 6020	11/14-11/27/07	KAEX31CF
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						
Cadmium									
	ND	50.0	43.3	ug/L	87		SW846 6020	11/14-11/27/07	KAEX31CG
	ND	50.0	43.6	ug/L	87	0.59	SW846 6020	11/14-11/27/07	KAEX31CH
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						
Chromium									
	3.0	200	194	ug/L	96		SW846 6020	11/14-11/27/07	KAEX31CJ
	3.0	200	194	ug/L	95	0.36	SW846 6020	11/14-11/27/07	KAEX31CK
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						
Copper									
	4.6	250	221	ug/L	87		SW846 6020	11/14-11/27/07	KAEX31CL
	4.6	250	222	ug/L	87	0.31	SW846 6020	11/14-11/27/07	KAEX31CM
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER
Date Sampled...: 10/30/07 **Date Received..:** 11/02/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead									
	0.17	20.0	20.8	ug/L	103		SW846 6020	11/14-11/27/07	KAEX31CQ
	0.17	20.0	20.6	ug/L	102	0.91	SW846 6020	11/14-11/27/07	KAEX31CR
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						
Nickel									
	2.1	500	439	ug/L	87		SW846 6020	11/14-11/27/07	KAEX31CN
	2.1	500	443	ug/L	88	0.79	SW846 6020	11/14-11/27/07	KAEX31CP
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						
Selenium									
	9.2	10.0	20.7	ug/L	116		SW846 6020	11/14-11/27/07	KAEX31CV
	9.2	10.0	21.3	ug/L	122	2.8	SW846 6020	11/14-11/27/07	KAEX31CW
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						
Silver									
	ND	50.0	44.3	ug/L	89		SW846 6020	11/14-11/27/07	KAEX31A9
	ND	50.0	44.4	ug/L	89	0.29	SW846 6020	11/14-11/27/07	KAEX31CA
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						
Thallium									
	0.092	50.0	49.8	ug/L	100		SW846 6020	11/14-11/27/07	KAEX31CX
	0.092	50.0	50.4	ug/L	101	0.99	SW846 6020	11/14-11/27/07	KAEX31C0
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						
Zinc									
	10.4	500	392	ug/L	76		SW846 6020	11/14-11/27/07	KAEX31C1
	10.4	500	392	ug/L	76	0.02	SW846 6020	11/14-11/27/07	KAEX31C2
			Dilution Factor: 1						
			Analysis Time..: 22:31		Instrument ID..: ICPMS			Analyst ID.....: 400149	
			MS Run #.....: 7318162						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: C7K020216 **Matrix.....:** WATER
Date Sampled...: 10/30/07 **Date Received..:** 11/02/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: C7K020216-003 **Prep Batch #...:** 7320210									
Mercury									
	ND	1.00	1.13	ug/L	113		SW846 7470A	11/16/07	KAE071A9
	ND	1.00	1.14	ug/L	114	0.88	SW846 7470A	11/16/07	KAE071CA

Dilution Factor: 1
Analysis Time..: 13:57 Instrument ID..: HGHYDRA Analyst ID.....: 400491
MS Run #.....: 7320130

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Test America Pittsburgh

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SERIAL DILUTION SAMPLE SUMMARY

Client: TETRA TECH **SDG No.:** C7K020216

Sample ID: KAEX3F **Serial Dilution ID:** FMC 24LF **Client ID:** FMC 24LF

Batch Number: 7318317 **Prep Date:** 11/14/2007 **Matrix:** WATER

Initial Wt/Vol: 50.00 **Final Vol:** 50.0

% Solids: 0.0 **Instrument:** ICPMS

Analyte	Init Dil	Initial Result ug/L	C	Init Date/Time	SD Dil	Serial Result ug/L	C	SD Date/Time	% Diff	Qual	SD Limits
Antimony	1	0.332	J	11/27/2007 22:22:35	5	0.390		11/27/200722:26:51	17.5		10.00 %
Arsenic	1	3.822		11/27/2007 22:22:35	5	4.345	J	11/27/200722:26:51	13.7		10.00 %
Beryllium	1	0.068	U	11/27/2007 22:22:35	5	0.340		11/27/200722:26:51	100.0		10.00 %
Cadmium	1	0.106	U	11/27/2007 22:22:35	5	0.531	U	11/27/200722:26:51			10.00 %
Chromium	1	3.047		11/27/2007 22:22:35	5	6.625	J	11/27/200722:26:51	117.4		10.00 %
Copper	1	4.599		11/27/2007 22:22:35	5	6.330	J	11/27/200722:26:51	37.6		10.00 %
Lead	1	0.173	J	11/27/2007 22:22:35	5	0.160	J	11/27/200722:26:51	7.5		10.00 %
Nickel	1	2.068		11/27/2007 22:22:35	5	2.375	J	11/27/200722:26:51	14.8		10.00 %
Selenium	1	9.156		11/27/2007 22:22:35	5	12.075	J	11/27/200722:26:51	31.9		10.00 %
Silver	1	0.077	U	11/27/2007 22:22:35	5	0.386	U	11/27/200722:26:51			10.00 %
Thallium	1	0.092	J	11/27/2007 22:22:35	5	0.091		11/27/200722:26:51	30.4		10.00 %
Zinc	1	10.410		11/27/2007 22:22:35	5	12.445	J	11/27/200722:26:51	19.5		10.00 %

Test America Pittsburgh
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METHOD DETECTION LIMITS

Client: TETRA TECH **SDG No.:** C7K020216

Analyte	Mass	MDL ug/L	CRQL ug/L
ICPMS	**MDL Date:**	3/24/2007	
Antimony	121	0.047	2
Arsenic	75	0.14	1
Beryllium	9	0.068	1
Cadmium	111	0.106	1
Chromium	52	0.11	2
Copper	65	0.14	2
Lead	208	0.020	1
Nickel	60	0.1	1
Selenium	82	0.21	5
Silver	107	0.08	1
Thallium	205	0.018	1
Zinc	66	0.60	5

TestAmerica Pittsburgh

Metals Data Reporting Form

Instrument Detection Limits

Instrument: CVAA **Units:** ppb

Element	Wavelength	Reporting Limit	MDL	Date of MDL
Mercury	253.700	0.2	0.055	3/15/2007

Test America Pittsburgh

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LINEAR RANGES

Client: TETRA TECH **SDG No.:** C7K020216

Contract: **Lab Code:** STL Pitt **Case No.:** **SAS No.:**

Instrument ID: ICPMS **Date:** 4/1/2007

Analyte	LDR ug/L
Antimony	12500
Arsenic	4500
Beryllium	7500
Cadmium	12500
Chromium	12500
Copper	12500
Lead	12500
Nickel	12500
Selenium	4500
Silver	2500
Thallium	12500
Zinc	12500

TestAmerica Pittsburgh

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: CVAA **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Mercury	253.70	10	3/15/2007

Test America Pittsburgh

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ICP-MS Tune

Lab Name: Test America Pittsburgh Contract:

Lab Code: STL Pitt Case No.: NRAS No.: SDG NO.: C7K020216

ICP-MS Instrument ID: ICPMS Date: 11/27/2007

Element - Mass	Avg. Measured Mass (amu)	Avg. Peak Width at 5% Peak Height (amu)	%RSD
Be 9	8.96218	0.73000	0.6170
Mg 24	24.015041	0.81000	0.8680
Mg 25	25.01583	0.81000	3.2580
Mg 26	26.01259	0.79000	1.1600
Co 59	58.963189	0.86000	1.0380
In 113	112.874404	0.81000	1.7710
In 115	114.87387	0.82000	0.5090
Ce 140	139.875441	0.82000	0.9410
Pb 206	205.944457	0.78000	0.5940
Pb 207	206.945876	0.78000	0.9400
Pb 208	207.946639	0.78000	0.5640

Comments:

TestAmerica Pittsburgh *Metals Preparation Log*

Batch No. 7318317

v1.0.5 - Last Revised 12/30/2005

Method 6020	**Matrix** Water	**Start Time** 1120	**SDG** -
Analyst Danny Mayo	**Date** 11-14-07	**Lot Numbers** C7K020133, C7K020216, C7K020320	
MS STLPA-MS-A, STLPA-MS-C, STLPA-MS-ICPMS			
Lab Lot # Met 5329-07, 5328-07, 5327-07			
Analyst Sign:			

Sample ID	Initial Wt/Vol g/mL	Final Vol mL	Comments
KAD6H	50mL	50mL	DM 11/14/07
KAD6H S			+0.5 mL MS-A, C, ICPMS
KAD6H D			
KAD7H			
KAD7L			
KAE05			
KAE07			
KAE10			
KAE15			
KAE19			
KAE1A			
KAE1D			
KAE1F			
KAE1J			
KAE1K			
KAE1P			
KAE1R			
KAE2E			
KAE2J			
KAEX3			
KAFV7			
KAFXK			
KA8JK B	50mL (DI Hg)		DM 11/14/07
KA8JK C			+0.5 mL MS-A, C, ICPMS
			DM 11/14/07

SAMPLE CODING: B-Blank C-Check L-Check Duplicate S-Matrix Spike D-Matrix Spike Duplicate X-Sample Duplicate

NOTE: Samples marked with an asterisk (*) required filtration after digestion and prior to analysis
Samples marked with a plus sign (+) required additional Conc.HNO3 in digestion process, brown fumes were observed

Reagents: 3 ml Conc HNO3, 6901E09797, J.T. Baker
5 ml 1:1 HCL, Met 6099-07, Standards Log

Hot Plate/Block Temp	Correction Factor
#3 95°C	-0.4°C

Minimum digestion times have been met (analyst initials): DM

Digestate(s)	Date	Time	(Received)	Analyst	Location	Date	Time	(Relinquished)	Analyst	Location
All Above	11/14/07	1100		DM	PR	11/14/07	1705		DM	AG
All Above	11-27-07	1405	WIC	MET103	AG	11-27-07	1720	WIC	MET108	AG

	Lot Number	Manufacturer	
Initial Digestion Vessel:	A706LP019	Environmental Express	**Pipet #:** J0450H
Final Digestion Vessel:	n/a	n/a	**Balance #:** n/a
Filter Paper:	n/a	n/a	Printed on: 14-Nov-07 4:01:38 PM

Reviewed By: 4288 **Date:** 11/14/07

C7K020216

TestAmerica Pittsburgh *Metals Preparation Log*

Batch No. 7318307

v1.0.5 - Last Revised 12/30/2005

Method 6020 Diss	**Matrix** Water	**Start Time** 1120	**SDG** -
Analyst Danny Mayo	**Date** 11-14-07	**Lot Numbers**	
MS STLPA-MS-C, STLPA-MS-ICPMS		C7K020216	
Lab Lot # -Met 5328-07, 5327-07			
Analyst Sign:			

Sample ID	Initial Wt/Vol g/mL	Final Vol mL	Comments
KAE05	50mL	50mL	
KAE07			
KAE10			
KAE15			
KAE19			
KAE1A			
KAE1D			
KAE1F			
KAE1J			
KAE1K			
KAE1P			
KAE1R			
KAE2E			
KAE2J			
KAEX3			DM 11/14/07
KAEX3 S			+0.5 mL MS-C, ICPMS
KAEX3 D			
KA8H1 B	50mL DI H_2O		DM 11/14/07
KA8H1 C			+0.5 mL MS-C, ICPMS
			DM 11/14/07

SAMPLE CODING: B-Blank C-Check L-Check Duplicate S-Matrix Spike D-Matrix Spike Duplicate X-Sample Duplicate

NOTE: Samples marked with an asterisk (*) required filtration after digestion and prior to analysis
Samples marked with a plus sign (+) required additional Conc.HNO3 in digestion process, brown fumes were observed

Reagents: 1.5 ml Conc HNO3, 6901E09797, J.T. Baker
1 ml Conc HNO3, 6901E09797, J.T. Baker
2.5 ml Conc HCL, V078E09429, Mallinkrodt

Minimum digestion times have been met (analyst initials): DM

Hot Plate/Block Temp	Correction Factor
#3 95C	-0.4°C

Digestate(s)	Date	Time	(Received)	Analyst	Location	Date	Time	(Relinquished)	Analyst	Location
All Above	11/14/07	1700		DM	PR	11/14/07	1705		DM	D6
All Above	11-27-07	1405	w/c	MET08	A6	11-27-07	1720	w/c	MET08	D6

	Lot Number	Manufacturer	
Initial Digestion Vessel:	A706LP019	Environmental Express	**Pipet #:** J0450H
Final Digestion Vessel:	n/a	n/a	**Balance #:** n/a
Filter Paper:	n/a	n/a	Printed on: 14-Nov-07 4:02:08 PM

Reviewed By: 4289 **Date:** 11/14/07

MET-90-7318307 (4001-4301)

C7K020216

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Mercury Digestion Log v2 8/11/06

Method(s) 7470A

Logbook ID: MT229

Digestion Start Time: 06:30 | Digestion End Time: 06:45 | Filter Paper Manufacturer / Lot#: | Balance ID:

	Sample ID	Date Received	Prep Date	Prepared by	Wt/ Volume	Sample Type	Run Date	Comments
1.	STD0	N/A	11-16-07	WAN	100ml	WATER	11-16-07	N/A
2.	STD1							MET 6354-07
3.	STD2							6355-07
4.	STD3							6356-07
5.	STD4							6357-07
6.	STD5							6358-07
7.	ICV							↓ 6359-07
8.	ICB							N/A
9.	CRA/RV							MET 6360-07
10.	CCV							↓ 6361-07
11.	CCB							N/A
12.	KCDXABT							↓
13.	KCDXACT							6362-07
14.	KCDXALT	↓						↓ 6363-07
15.	KASNPT	11-13-07						SAMPLES HAD A X10 DILUTION DONE
16.	KASPAT							ON DIGESTION (LIMITED SAMPLE)
17.	KASRLT							↓
18.	KASXET							N/A
19.	KASOWT	↓						↓
20.	KASPTT	11-14-07						
21.	KCACOT	11-15-07						SAMPLE HAD A X10 DILUTION DONE AT DIGESTION (MATRIX)
22.	KCDXEAT	N/A						N/A
23.	KCDXECT	↓						MET 6364-07
24.	KAS9GBT							N/A
25.	KALCHT	11-6-07	↓	↓	↓	↓	↓	↓

11-16-07

Reagents	Volume (mL)	Reference Number	
HNO3	2.5ml	MALLINCKRODT	E23038
H2SO4	5.0ml	↓	E18028
KMNO4	15.0ml	MET 6323-07	
K2S2O4	8.0ml	↓ 6259-07	
NaCL NH2OH Additional volumes indicated per sample as necessary	6.0ml	↓ 6250-07	
Stannous Chloride	N/A	↓ 6116-07	

Autoclave pressure: 15PSI

Autoclave Temperature: 120°C

Waterbath temperature: —

Thermometer ID: —

Extract(s) (record line # from above)	Date	Time	Extract(s) Received	Analyst	Location	Date	Time	Extract(s) Relinquished	Analyst	Location
			WAH	11-16-07						

TestAmerica P urgh

Mercury Digestion Log v2 8/11/06

Method(s) 7470A

Logbook ID: MT2294

Digestion Start Time: 1200 | Digestion End Time: 1215 | Filter Paper Manufacturer / Lot#: | Balance ID:

	Sample ID	Date Received	Prep Date	Prepared by	Wt/ Volume	Sample Type	Run Date	Comments
1.	KCEDMBF KCEDMCF	N/A	11-16-07	JNS	100mls	WATER	11-16-07	MET 6369-07
2.	KAEX3F	10-30-07						N/A
3.	KAE05F							
4.	KAE07F							
5.	KAE07SF							Hold MET 6352-07
6.	KAE07DF							Hold MET 6352-07
7.	KAE1AF							N/A
8.	KAE1DF							
9.	KAE1FF							
10.	KAE1JF	10-31-07						
11.	KAE1KF							
12.	KAE1PF							
13.	KAE1RF							
14.	KAE1DF							
15.	KAE15F							
16.	KAE19F							
17.	KAE2EF	11-1-07						
18.	KAE2JF							
19.	KAWVTF	11-8-07						
20.	KAWV0F							
21.	KAWV7F							
22.	KAWWDF							
23.	KAWWHF							
24.	KCEEPBT	N/A						
25.	KCEEPCT							MET 6370-07

Reagents	Volume (mL)	Reference Number	
HNO3	2.5mls	MALLINCKRODT	E23038
H2SO4	5.0mls		E18028
KMNO4	15.0mls	Met	6351-07
K2S2O4	8.0mls		6299-07
NaCL NH2OH Additional volumes indicated per sample as necessary	6.0mls		6324-07
Stannous Chloride	N/A		6116-07

Autoclave pressure:	15psi
Autoclave Temperature:	120 'c
Waterbath temperature:	—
Thermometer ID:	—

Extract(s) (record line # from above)	Date	Time	Extract(s) Received	Analyst	Location	Date	Time	Extract(s) Relinquished	Analyst	Location
1-25										
JNS										
										11-16-07

KQ001-43017

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*-Sample required filtration step after digestion

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Mercury Digestion Log v2 8/11/06

Method(s) 7470A

Logbook ID: MT2290

Digestion Start Time: 1200 | Digestion End Time: 1215 | Filter Paper Manufacturer / Lot#: | Balance ID:

	Sample ID	Date Received	Prep Date	Prepared by	WW Volume	Sample Type	Run Date	Comments
1.	KA58FBT	11-14-07	11-16-07	JWS	100mls	WATER	11-16-07	N/A
2.	KA313T							+5ml MET 6352-07
3.	KA313ST							+5ml MET 6352 07
4.	KA313DT							N/A
5.	KCEERBT	N/A						MET 6371-07
6.	KCEERCT							N/A
7.	KA57PBT	11-14-07						+5ml MET 6352 07
8.	KAJ24T							+5ml MET 6352 07
9.	KAJ24ST							N/A
10.	KAJ24DT							MET 6372-07
11.	KCED6B	N/A						MET 6373-07
12.	KCED6C							N/A
13.	KCED6L							
14.	KAAJC	10-31-07						
15.	KAAJ5							
16.	KAAJ7							
17.	KAAJ9							
18.	KAAKC/2				50/100mls			DILUTION DUE TO LIMITED SAMPLE
19.	KAAKG/2							
20.	KAAKH/2							
21.	KAAKJ				100mls			N/A
22.	KAAKK							
23.	KAAKL							
24.	KAAKN/2				50/100mls			
25.	KAAKQ/2							DILUTION DUE TO LIMITED SAMPLE

Reagents	Volume (mL)	Reference Number	
HNO3	2.5mls	MALLINCKRODT	EZ3038
H2SO4	5.0mls		E18028
KMNO4	15.0mls	MET 6351-07	
K2S2O4	8.0mls	6299-07	
NaCL NH2OH Additional volumes indicated per sample as necessary	6.0mls	6324-07	
Stannous Chloride	N/A	6116-07	

Autoclave pressure: 15PSI

Autoclave Temperature: 120 C

Waterbath temperature: —

Thermometer ID: —

Extract(s) (record line # from above)	Date	Time	Extract(s) Received	Analyst	Location	Date	Time	Extract(s) Relinquished	Analyst	Location
1-25	11-16-07								JWS	

TestAmerica P' urgh

Mercury Digestion Log v2 8/11/06

Method(s) 7470A

Logbook ID: MT2294

Digestion Start Time: 1645 | Digestion End Time: 1700 | Filter Paper Manufacturer / Lot#: | Balance ID:

	Sample ID	Date Received	Prep Date	Prepared by	W/ Volume	Sample Type	Run Date	Comments
1.	STD0	N/A	11-14-07	JNS	100ml/s	Water	11-14-07	N/A
2.	STD1	↓	↓	↓	↓	↓	↓	MET 6313-07
3.	STD2							MET 6314-07
4.	STD3							MET 6315-07
5.	STD4							MET 6316-07
6.	STD5							MET 6317-07
7.	ICV							MET 6318-07
8.	ICB							N/A
9.	CRA/RLV							MET 6319-07
10.	CCV							MET 6320-07
11.	CCB							N/A
12.	KA89MB							↓
13.	KA89MC	↓						MET 6321-07
14.	J9XN1	10-25-07						N/A
15.	J9XN1S	↓						+1ml MET 6300-07
16.	J9XN1D							+1ml MET 6300-07
17.	J9XPP	↓						N/A
18.	J945G	10-29-07						↓
19.	J945L	↓						
20.	J9772	10-30-07						↓
21.	J97725	↓						+1ml MET 6300-07
22.	J9772D							+1ml MET 6300-07
23.	J9779							N/A
24.	J978D							↓
25.	J978E	↓	↓	↓	↓	↓	↓	↓

Reagents	Volume (mL)	Reference Number	
HNO3	2.5ml	MALLINCKRODT	E23038
H2SO4	5.0ml	↓	E18028
KMNO4	15.0ml	Met 6268-07	
K2S2O4	8.0ml	6236-07	
NaCL NH2OH Additional volumes indicated per sample as necessary	10.0ml	6250-07	
Stannous Chloride	N/A	↓ 6116-07	

Autoclave pressure: 15psi

Autoclave Temperature: 120 C

Waterbath temperature: —

Thermometer ID: —

Extract(s) (record line # from above)	Date	Time	Extract(s) Received	Analyst	Location	Date	Time	Extract(s) Relinquished	Analyst	Location
				JNS		11-14-07				

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*-Sample required filtration step after digestion

TestAmerica P urgh

Mercury Digestion Log v2 8/11/06

Method(s) 7470A

Logbook ID: MT2294

Digestion Start Time: 1645 | Digestion End Time: 1700 | Filter Paper Manufacturer / Lot#: | Balance ID:

	Sample ID	Date Received	Prep Date	Prepared by	Wt/ Volume	Sample Type	Run Date	Comments
1.	J979E	10-30-07	11-1-07	JWS	100mls	WATER	11-1-07	N/A
2.	KAAVJ	10-31-07						
3.	KAAV8							
4.	KAAWC							
5.	KAAWG							
6.	KAA6W							
7.	KAFJ8	10-31-07						
8.	KAFKC							
9.	KAFN3	10-29-07						
10.	KAFN9							
11.	KA9AJB	N/A						
12.	KA9AJC							MET 6322-07
13.	KAD6H	11-1-07						N/A
14.	KAD7H							
15.	KAD7L							
16.	KAD7LS							+1ml MET 6300-07
17.	KAD7LD							+1ml MET 6300-07
18.	KAEX3	10-30-07						N/A
19.	KAE05							
20.	KAE07							
21.	KAE1A							
22.	KAE1D							
23.	KAE1F							
24.	KAE1J	10-31-07						
25.	KAE1K							

Reagents	Volume (mL)	Reference Number	
HNO3	2.5ml	MALLINCKRODT	E23038
H2SO4	5.0ml		E18028
KMNO4	15.0ml	Met	6268-07
K2S2O4	8.0ml		6236-07
NaCL NH2OH Additional volumes indicated per sample as necessary	6.0ml		6250-07
Stannous Chloride	N/A		6116-07

Autoclave pressure: 15PSi

Autoclave Temperature: 120 C

Waterbath temperature: —

Thermometer ID: —

Extract(s) (record line # from above)	Date	Time	Extract(s) Received	Analyst	Location	Date	Time	Extract(s) Relinquished	Analyst	Location
1-25										
JWS										
										11-1-07

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*-Sample required filtration step after digestion

TestAmerica P burgh

Mercury Digestion Log v2 8/11/06

Method(s) 7470A

Logbook ID: MT229/

Digestion Start Time: 1645 | Digestion End Time: 1700 | Filter Paper Manufacturer / Lot#: | Balance ID:

	Sample ID	Date Received	Prep Date	Prepared by	Wt/ Volume	Sample Type	Run Date	Comments
1.	KAEIP	10-31-07	11-14-07	JWS	100mls	WATER	11-14-07	N/A
2.	KAEIR							
3.	KAEIO							
4.	KAEI5							
5.	KAEI9							
6.	KAEZE	11-1-07						
7.	KAEZJ							
8.	KAE63							
9.	KAWVO	11-8-07						
10.								
11.								
12.								
13.								
14.								11-14-07
15.								
16.					JWS			
17.								
18.								
19.								
20.								
21.								
22.								
23.								
24.								
25.								

Reagents	Volume (mL)	Reference Number	
HNO3	2.5ml	MALLINCKRODT	E23038
H2SO4	5.0ml	+ +	E18028
KMNO4	15.0ml	Met 6268-07	
K2S2O4	8.0ml	6236-07	
NaCL NH2OH Additional volumes indicated per sample as necessary	6.0ml	6250-07	
Stannous Chloride	N/A	6116-07	

Autoclave pressure: 15psi

Autoclave Temperature: 120 c

Waterbath temperature: —

Thermometer ID: —

Extract(s) (record line # from above)	Date	Time	Extract(s) Received	Analyst	Location	Date	Time	Extract(s) Relinquished	Analyst	Location
1-25 JWS										11-14-07

Printed on: 24-Oct-07 12:31:55 PM

*-Sample required filtration step after digestion

Sample List

No	Label	Type	Weight	Rack	Row	Col	Height
1	PERFORMANCE REPORT	Instrument Setup	1.000	1	1	1	155
2	STD1	Blank	1.000	0	1	1	155
3	STD2X MET6087-07	Fully Quant Standard	1.000	0	1	2	155
4	STD3X MET6088-07	Fully Quant Standard	1.000	0	1	3	155
5	ICV1 MET6089-07	QC Sample	1.000	0	1	5	155
6	ICB1	QC Sample	1.000	0	1	1	155
7	CRI MET6090-07	QC Sample	1.000	0	1	6	155
8	ICSA MET6091-07	QC Sample	1.000	0	1	7	155
9	ICSAB MET6092-07	QC Sample	1.000	0	1	8	155
10	CCV1-1 MET6093-07	QC Sample	1.000	0	1	4	155
11	CCB1	QC Sample	1.000	0	1	1	155
12	KA60KB	Unknown	1.000	1	1	2	155
13	KA60KC	Unknown	1.000	1	1	3	155
14	KAE63	Unknown	1.000	1	1	4	155
15	KANEV	Unknown	1.000	1	1	5	155
16	KANE2	Unknown	1.000	1	1	6	155
17	KANE6	Unknown	1.000	1	1	7	155
18	KANFJ	Unknown	1.000	1	1	8	155
19	KANFL	Unknown	1.000	1	1	9	155
20	KANFN	Unknown	1.000	1	1	10	155
21	KANFT	Unknown	1.000	1	1	11	155
22	CCV1-2	QC Sample	1.000	0	1	4	155
23	CCB2	QC Sample	1.000	0	1	1	155
24	KANFTP5	Unknown	1.000	1	1	12	155
25	KANFTS	Unknown	1.000	1	2	1	155
26	KANFTD	Unknown	1.000	1	2	2	155
27	KANFX	Unknown	1.000	1	2	3	155
28	KANGF	Unknown	1.000	1	2	4	155
29	KANGP	Unknown	1.000	1	2	5	155
30	KANG3	Unknown	1.000	1	2	6	155
31	KANG5	Unknown	1.000	1	2	7	155
32	KANG7	Unknown	1.000	1	2	8	155
33	KANHA	Unknown	1.000	1	2	9	155
34	CCV1-3	QC Sample	1.000	0	1	4	155
35	CCB3	QC Sample	1.000	0	1	1	155
36	KANHD	Unknown	1.000	1	2	10	155
37	KA6XHB	Unknown	1.000	1	2	11	155
38	KA6XHC	Unknown	1.000	1	2	12	155
39	KAE6J	Unknown	1.000	1	3	1	155
40	KAE6X	Unknown	1.000	1	3	2	155
41	KAE61	Unknown	1.000	1	3	3	155
42	KAE64	Unknown	1.000	1	3	4	155
43	KAE69	Unknown	1.000	1	3	5	155
44	KAE7A	Unknown	1.000	1	3	6	155
45	KAE7D	Unknown	1.000	1	3	7	155
46	CCV1-4	QC Sample	1.000	0	1	4	155
47	CCB4	QC Sample	1.000	0	1	1	155
48	KAE7F	Unknown	1.000	1	3	8	155
49	KAE7H	Unknown	1.000	1	3	9	155
50	KANF0	Unknown	1.000	1	3	10	155
51	KANF3	Unknown	1.000	1	3	11	155
52	KANF4	Unknown	1.000	1	3	12	155
53	KANF4P5	Unknown	1.000	1	4	1	155
54	KANF4S	Unknown	1.000	1	4	2	155
55	KANF4D	Unknown	1.000	1	4	3	155
56	KANF5	Unknown	1.000	1	4	4	155
57	KANF6	Unknown	1.000	1	4	5	155
58	CCV1-5	QC Sample	1.000	0	1	4	155
59	CCB5	QC Sample	1.000	0	1	1	155
60	KANF8	Unknown	1.000	1	4	6	155
61	KANF9	Unknown	1.000	1	4	7	155
62	KANGA	Unknown	1.000	1	4	8	155
63	KANGE	Unknown	1.000	1	4	9	155
64	KA8JKB	Unknown	1.000	1	4	10	155
65	KA8JKC	Unknown	1.000	1	4	11	155
66	KAD6H	Unknown	1.000	1	4	12	155
67	KAD6HP5	Unknown	1.000	1	5	1	155

68	KAD6HS	Unknown	1.000	1	5	2	155
69	KAD6HD	Unknown	1.000	1	5	3	155
70	CCV1-6	QC Sample	1.000	0	1	4	155
71	CCB6	QC Sample	1.000	0	1	1	155
72	KAD7H	Unknown	1.000	1	5	4	155
73	KAD7L	Unknown	1.000	1	5	5	155
74	KAE05	Unknown	1.000	1	5	6	155
75	KAE07	Unknown	1.000	1	5	7	155
76	KAE1A	Unknown	1.000	1	5	8	155
77	KAE1D	Unknown	1.000	1	5	9	155
78	KAE1F	Unknown	1.000	1	5	10	155
79	KAE1J	Unknown	1.000	1	5	11	155
80	KAE1K	Unknown	1.000	1	5	12	155
81	KAE1P	Unknown	1.000	2	1	1	155
82	CCV1-7	QC Sample	1.000	0	1	4	155
83	CCB7	QC Sample	1.000	0	1	1	155
84	KAE1R	Unknown	1.000	2	1	2	155
85	KAE10	Unknown	1.000	2	1	3	155
86	KAE15	Unknown	1.000	2	1	4	155
87	KAE19	Unknown	1.000	2	1	5	155
88	KAE2E	Unknown	1.000	2	1	6	155
89	KAE2J	Unknown	1.000	2	1	7	155
90	KAEX3	Unknown	1.000	2	1	8	155
91	KAFV7	Unknown	1.000	2	1	9	155
92	KAFXK	Unknown	1.000	2	1	10	155
93	KA8H1BF	Unknown	1.000	2	1	11	155
94	CCV1-8	QC Sample	1.000	0	1	4	155
95	CCB8	QC Sample	1.000	0	1	1	155
96	KA8H1CF	Unknown	1.000	2	1	12	155
97	KAEX3F	Unknown	1.000	2	2	1	155
98	KAEX3P5F	Unknown	1.000	2	2	2	155
99	KAEX3SF	Unknown	1.000	2	2	3	155
100	KAEX3DF	Unknown	1.000	2	2	4	155
101	KAE05F	Unknown	1.000	2	2	5	155
102	KAE07F	Unknown	1.000	2	2	6	155
103	KAE1AF	Unknown	1.000	2	2	7	155
104	KAE1DF	Unknown	1.000	2	2	8	155
105	KAE1FF	Unknown	1.000	2	2	9	155
106	CCV1-9	QC Sample	1.000	0	1	4	155
107	CCB9	QC Sample	1.000	0	1	1	155
108	KAE1JF	Unknown	1.000	2	2	10	155
109	KAE1KF	Unknown	1.000	2	2	11	155
110	KAE1PF	Unknown	1.000	2	2	12	155
111	KAE1RF	Unknown	1.000	2	3	1	155
112	KAE10F	Unknown	1.000	2	3	2	155
113	KAE15F	Unknown	1.000	2	3	3	155
114	KAE19F	Unknown	1.000	2	3	4	155
115	KAE2EF	Unknown	1.000	2	3	5	155
116	KAE2JF	Unknown	1.000	2	3	6	155
117	CCV1-10	QC Sample	1.000	0	1	4	155
118	CCB10	QC Sample	1.000	0	1	1	155

FMC 11
total metals
rep result for As
3.60 ug/L

KAE1A 11/27/2007 8:37:52 PM
User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	11B	13C	23Na	25Mg	26Mg
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:38:35	73.486%	0.012	770.800	814.200	0.000	1006000.000	266500.000	271200.000
2	20:39:18	69.706%	-0.002	774.100	838.700	0.000	1040000.000	274000.000	279200.000
3	20:40:01	67.693%	-0.010	792.300	837.800	0.000	1072000.000	272200.000	279900.000
x		70.295%	-0.000	779.100	830.200	0.000	1039000.000	270900.000	276800.000
σ		2.941%	0.012	11.570	13.870	0.000	33310.000	3889.000	4824.000
%RSD		4.184	21460.000	1.485	1.671	0.000	3.205	1.435	1.743

Run	Time	27Al	28Si	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:38:35	257.600	2407.000	0.000	82600.000	91670.000	96040.000	68.096%	4.047
2	20:39:18	259.000	2298.000	0.000	80790.000	90860.000	96420.000	67.389%	3.790
3	20:40:01	271.100	2500.000	0.000	83590.000	92230.000	96470.000	65.286%	3.806
x		262.600	2402.000	0.000	82330.000	91590.000	96310.000	66.924%	3.881
σ		7.426	101.000	0.000	1418.000	686.700	234.400	1.461%	0.144
%RSD		2.828	4.207	0.000	1.723	0.750	0.243	2.184	3.711

Run	Time	51V	52Cr	55Mn	56Fe	57Fe	59Co	60Ni	63Cu
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:38:35	1.337	3.014	64.810	306.000	546.300	0.738	2.475	9.173
2	20:39:18	2.466	2.791	62.630	296.300	518.900	0.812	2.436	9.147
3	20:40:01	-0.898	3.058	65.300	305.900	535.100	0.810	2.402	9.318
x		0.968	2.954	64.240	302.700	533.400	0.786	2.438	9.213
σ		1.712	0.143	1.423	5.573	13.740	0.042	0.037	0.093
%RSD		176.800	4.849	2.215	1.841	2.577	5.395	1.504	1.004

Run	Time	65Cu	66Zn	68Zn	75As	78Se	82Se	88Sr	89Y
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:38:35	5.466	15.210	15.640	3.672	2.260	9.885	1574.000	65.646%
2	20:39:18	5.349	15.780	15.690	3.291	2.197	10.900	1575.000	66.205%
3	20:40:01	5.460	16.330	15.090	3.873	1.474	9.985	1596.000	65.120%
x		5.425	15.770	15.470	3.612	1.977	10.260	1582.000	65.657%
σ		0.066	0.562	0.335	0.295	0.437	0.562	12.000	0.543%
%RSD		1.210	3.566	2.163	8.179	22.090	5.473	0.759	0.826

Run	Time	95Mo	98Mo	103Rh	107Ag	109Ag	111Cd	114Cd	115In
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:38:35	3.698	3.695	58.096%	-0.019	-0.015	0.018	0.051	62.778%
2	20:39:18	3.347	3.457	57.455%	0.002	-0.010	0.040	0.049	62.462%
3	20:40:01	3.690	3.672	57.474%	-0.003	-0.015	0.090	0.078	62.989%
x		3.578	3.608	57.675%	-0.007	-0.013	0.050	0.059	62.743%
σ		0.201	0.131	0.365%	0.011	0.003	0.037	0.016	0.265%
%RSD		5.611	3.638	0.633	156.500	21.490	74.520	27.000	0.423

Run	Time	118Sn	121Sb	123Sb	135Ba	137Ba	159Tb	165Ho	203Tl
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:38:35	9.454	0.242	0.317	61.770	62.600	70.133%	70.525%	0.012
2	20:39:18	9.341	0.293	0.237	62.420	61.410	70.516%	71.603%	0.018
3	20:40:01	8.808	0.270	0.297	62.520	62.460	70.957%	71.786%	0.018
x		9.201	0.269	0.284	62.240	62.160	70.535%	71.305%	0.016
σ		0.345	0.026	0.042	0.408	0.651	0.413%	0.681%	0.003
%RSD		3.747	9.531	14.780	0.655	1.048	0.585	0.956	21.050

Run	Time	205Tl	206Pb	207Pb	208Pb	209Bi
		ppb	ppb	ppb	ppb	ppb
1	20:38:35	0.009	0.993	1.082	1.031	53.636%
2	20:39:18	0.025	0.984	0.896	0.972	53.806%
3	20:40:01	0.012	1.064	1.037	1.021	54.536%
x		0.015	1.013	1.005	1.008	53.993%
σ		0.008	0.044	0.097	0.031	0.478%
%RSD		53.350	4.318	9.693	3.086	0.885

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: KAE07 Seq: 51 19:50:59 14 Nov 07 HG

Hg .050 ppb 95

*** Sample ID: KAE1A Seq: 52 19:52:38 14 Nov 07 HG

Hg .058 ppb 134

*** Sample ID: KAE1D Seq: 53 19:54:17 14 Nov 07 HG

Hg .057 ppb 130

*** Sample ID: KAE1F Seq: 54 19:55:55 14 Nov 07 HG

Hg .053 ppb 113

*** Sample ID: KAE1J Seq: 55 19:57:36 14 Nov 07 HG

Hg .055 ppb 122

*** Sample ID: KAE1K Seq: 56 19:59:13 14 Nov 07 HG

Hg .054 ppb 118

*** Sample ID: KAE1P Seq: 57 20:00:52 14 Nov 07 HG

Hg .053 ppb 110

*** Sample ID: CCV6-5 Seq: 58 20:02:33 14 Nov 07 HG

Hg 4.72 ppb 22773

*** Sample ID: CCB5 Seq: 59 20:04:11 14 Nov 07 HG

Hg .038 ppb 39

*** Sample ID: KAE1R Seq: 60 20:06:00 14 Nov 07 HG

Hg .048 ppb 88

*** Sample ID: KAE10 Seq: 61 20:07:38 14 Nov 07 HG

Hg .053 ppb 112

Sample FMC 11 total mercury rep result 0.058 ug/L

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **M. MARTIN** **DATE:** **FEBRUARY 28, 2008**

FROM: **MATTHEW D. KRAUS** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – IRON/MISC/OVG**
MARTIN STATE AIRPORT
SAMPLE DELIVERY GROUPS (SDGs) – P0710154& P0710189

SAMPLES: 3/Aqueous/P0710154

DMW-6D-100907 DMW-6I-100907 DWM-9I-100907

4/Aqueous/P0710189

DMW-5D-101107 DMW-5I-101107 DMW-5S-101107
DMW-7D-101107

Overview

The sample sets for Martin State Airport, SDG P0710154 and SDG P0710189 consist of three and four aqueous environmental samples, respectively. All samples were analyzed for dissolved iron; alkalinity as calcium carbonate; the anions chloride, nitrate, nitrite, and sulfate; the organic volatile gases (OVG) ethane, ethene and methane; the light hydrocarbons acetylene, n-butane, iso-butane, propane and propylene; and dissolved carbon dioxide. The samples for SDGs P0710154 and P0710189 were collected on October 5, 2007 and October 11, 2007, respectively. All samples were analyzed by Microseeps, Inc.

The following table exhibits the analytical methods and instrumentation used for analyses.

Target Analyte	Analytical Method	Instrumentation
Dissolved Iron	SW-846 6010B	Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP-AES)
Light Hydrocarbons and OVG	AM20GAX	Gas Chromatography/Flame Ionization Detector (GC/FID)
CO_2	AM20GAX	Gas Chromatography/Thermal Conductivity Detector (GC/TCD)
Anions	SW-846 9056	Ion Chromatography (IC)
Alkalinity as calcium carbonate	SM2320B	Titration

Summary

The data contained in this SDG were validated with regard to the following parameters: data completeness, holding times, initial/continuing calibrations, laboratory method blank results, matrix spike/matrix spike duplicate recoveries, laboratory control sample recoveries, laboratory duplicate sample results, compound identification, compound quantitation and detection limits. Areas of concern are listed below.

Major Problems

- None.

Minor Problems

- The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Iron [1]	0.040 mg/L	0.20 mg/L
Alkalinity [2]	2.00 mg/L	10.0 mg/L
Alkalinity [3]	1.00 mg/L	5.00 mg/L

[1] Maximum concentration affects all samples in SDG P0710189.
[2] Maximum concentration affects samples DMW-5S-101107, DMW-5I-101107, DWM-6I-100907 and DWM-9I-100907.
[3] Maximum concentration affects samples DMW-6D-100907, DMW-5D-101107, and DMW-7D-101107.

An action level of 5X the maximum contaminant level has been used to evaluate sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. No results were qualified due to laboratory blank contamination.

- The dissolved iron percent recovery (%R) for the ICP interference check sample analysis on October 15, 2007 was less than 80% but greater than 30% affecting all samples. All results reported for dissolved iron were qualified as biased low, "L".

- The matrix spike %R for chloride was less than 75% but greater than 30% for the matrix spike analysis of sample DMW-5S-101107 affecting all samples in SDG P0710154. The positive results reported for chloride in SDG P0710154 were qualified as biased low, "L".

- Positive results reported below the reporting limit (RL) but above the method detection limit (MDL) were qualified as estimated, "J".

Executive Summary

Laboratory Performance: None.

Other Factors Affecting Data Quality: Several compounds were qualified due to uncertainty near the detection limit. Dissolved iron and chloride results were qualified due to ICP interference check sample and matrix spike noncompliance, respectively.

The data for these analyses were reviewed with reference to the "EPA Region III Modifications to National Functional Guidelines for Inorganic Data Validation", April 1993. The text of this report has been formulated to address only those problem areas affecting data quality.

Tetra Tech NUS
Matthew D. Kraus
Environmental Chemist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

Data Qualifier Key

U	-	Value is considered non-detected as reported by the laboratory.
J	-	Positive result is considered estimated as a result of technical noncompliance.
L	-	Positive result is considered biased low due to a technical noncompliance.

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A	= Lab Blank Contamination
B	= Field Blank Contamination
C	= Calibration Noncompliance (e.g. %RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01	= GC/MS Tuning Noncompliance
D	= MS/MSD Recovery Noncompliance
E	= LCS/LCSD Recovery Noncompliance
F	= Laboratory Duplicate Imprecision
G	= Field Duplicate Imprecision
H	= Holding Time Exceedance
I	= ICP Serial Dilution Noncompliance
J	= GFAA PDS – GFAA MSA's r <0.995 / ICP PDS Recovery Noncompliance
K	= IPC Interference – included ICS %R Noncompliance
L	= Instrument Calibration Range Exceedance
M	= Sample Preservation Noncompliance
N	= Internal Standard Noncompliance
N01	= Internal Standard Recovery Noncompliance Dioxins
N02	= Recovery Standard Noncompliance Dioxins
N03	= Clean-up Standard Noncompliance Dioxins
O	= Poor Instrument Performance (e.g. base-line drifting)
P	= Uncertainty near detection limit (< 2 x IDL for inorganics and < CRDL for organics)
Q	= Other problems (can encompass a number of issues; e.g. chromatography, interferences, etc.)
R	= Surrogate Recovery Noncompliance
S	= Pesticide/PCB Resolution
T	= % Breakdown Noncompliance for DDT and Endrin
U	= % Difference between columns/detectors > 25% for positive results determined via GC/HPLC
V	= Non-linear calibrations; correlation coefficient r < 0.995
W	= EMPC result
X	= Signal to noise response drop
Y	= Percent solids <30%
Z	= Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00998

SDG: P0710154 MEDIA: WATER DATA FRACTION: MF

nsample	DMW-6D-100907
samp_date	10/9/2007
lab_id	P0710154-01A
qc_type	NM
units	MG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
IRON	0.023	L	K

nsample	DMW-6I-100907
samp_date	10/9/2007
lab_id	P0710154-02A
qc_type	NM
units	MG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
IRON	28	L	K

nsample	DMW-9I-100907
samp_date	10/9/2007
lab_id	P0710154-03A
qc_type	NM
units	MG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
IRON	8.8	L	K

PROJ_NO: 00998

SDG: P0710154 MEDIA: WATER DATA FRACTION: MISC

nsample	DMW-6D-100907
samp_date	10/9/2007
lab_id	P0710154-01A
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ACETYLENE	UG/L	0.5	U	
ALKALINITY	MG/L	9.1		
BUTANE	UG/L	0.094		
CARBON DIOXIDE	MG/L	94		
CHLORIDE	MG/L	130	L	D
ISOBUTANE	UG/L	0.023	J	P
NITRATE	MG/L	2.8		
NITRITE	MG/L	0.5	U	
PHOSPHATE	MG/L	1	U	
PROPANE	UG/L	0.051		
PROPYLENE	UG/L	0.062		
SULFATE	MG/L	43		

nsample	DMW-6I-100907
samp_date	10/9/2007
lab_id	P0710154-02A
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ACETYLENE	UG/L	0.5	U	
ALKALINITY	MG/L	4	U	
BUTANE	UG/L	0.05	U	
CARBON DIOXIDE	MG/L	150		
CHLORIDE	MG/L	38	L	D
ISOBUTANE	UG/L	0.05	U	
NITRATE	MG/L	1		
NITRITE	MG/L	1.7		
PHOSPHATE	MG/L	1	U	
PROPANE	UG/L	0.1		
PROPYLENE	UG/L	0.05	U	
SULFATE	MG/L	500		

nsample	DMW-9I-100907
samp_date	10/9/2007
lab_id	P0710154-03A
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ACETYLENE	UG/L	0.5	U	
ALKALINITY	MG/L	71		
BUTANE	UG/L	0.2		
CARBON DIOXIDE	MG/L	240		
CHLORIDE	MG/L	100	L	D
ISOBUTANE	UG/L	0.013	J	P
NITRATE	MG/L	2.6		
NITRITE	MG/L	1.4		
PHOSPHATE	MG/L	1	U	
PROPANE	UG/L	0.19		
PROPYLENE	UG/L	0.25		
SULFATE	MG/L	220		

PROJ_NO: 00998

SDG: P0710154 MEDIA: WATER DATA FRACTION: OVG

nsample	DMW-6D-100907
samp_date	10/9/2007
lab_id	P0710154-01A
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHANE	UG/L	0.029		
ETHENE	UG/L	0.03		
METHANE	UG/L	0.46		

nsample	DMW-6I-100907
samp_date	10/9/2007
lab_id	P0710154-02A
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHANE	UG/L	0.081		
ETHENE	UG/L	0.02	J	P
METHANE	UG/L	9.7		

nsample	DMW-9I-100907
samp_date	10/9/2007
lab_id	P0710154-03A
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHANE	UG/L	5		
ETHENE	UG/L	120		
METHANE	UG/L	500		

PROJ_NO: 00998

SDG: P0710189 MEDIA: WATER DATA FRACTION: MF

nsample	DMW-5D-101107
samp_date	10/11/2007
lab_id	P0710189-03A
qc_type	NM
units	MG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
IRON	0.25	L	K

nsample	DMW-5I-101107
samp_date	10/11/2007
lab_id	P0710189-02A
qc_type	NM
units	MG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
IRON	26	L	K

nsample	DMW-5S-101107
samp_date	10/11/2007
lab_id	P0710189-01A
qc_type	NM
units	MG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
IRON	15	L	K

PROJ_NO: 00998

SDG: P0710189 MEDIA: WATER DATA FRACTION: MF

nsample	DMW-7D-101107
samp_date	10/11/2007
lab_id	P0710189-04A
qc_type	NM
units	MG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
IRON	2.2	L	K

PROJ_NO: 00998

SDG: P0710189 MEDIA: WATER DATA FRACTION: MISC

nsample	DMW-5D-101107	nsample	DMW-5I-101107	nsample	DMW-5S-101107
samp_date	10/11/2007	samp_date	10/11/2007	samp_date	10/11/2007
lab_id	P0710189-03A	lab_id	P0710189-02A	lab_id	P0710189-01A
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ACETYLENE	UG/L	0.5	U	
ALKALINITY	MG/L	4	U	
BUTANE	UG/L	0.05	U	
CARBON DIOXIDE	MG/L	34		
CHLORIDE	MG/L	8.1		
ISOBUTANE	UG/L	0.05	U	
NITRATE	MG/L	2.6		
NITRITE	MG/L	0.5	U	
PHOSPHATE	MG/L	1	U	
PROPANE	UG/L	0.05	U	
PROPYLENE	UG/L	0.05	U	
SULFATE	MG/L	4.6		

Parameter	units	Result	Val Qual	Qual Code
ACETYLENE	UG/L	0.5	U	
ALKALINITY	MG/L	4	U	
BUTANE	UG/L	0.046	J	P
CARBON DIOXIDE	MG/L	160		
CHLORIDE	MG/L	100		
ISOBUTANE	UG/L	0.05	U	
NITRATE	MG/L	1.2		
NITRITE	MG/L	0.5	U	
PHOSPHATE	MG/L	1	U	
PROPANE	UG/L	0.046	J	P
PROPYLENE	UG/L	0.032	J	P
SULFATE	MG/L	750		

Parameter	units	Result	Val Qual	Qual Code
ACETYLENE	UG/L	0.2	J	P
ALKALINITY	MG/L	4	U	
BUTANE	UG/L	0.11		
CARBON DIOXIDE	MG/L	200		
CHLORIDE	MG/L	160		
ISOBUTANE	UG/L	0.05	U	
NITRATE	MG/L	1.1		
NITRITE	MG/L	2.1		
PHOSPHATE	MG/L	1	U	
PROPANE	UG/L	0.11		
PROPYLENE	UG/L	0.058		
SULFATE	MG/L	1000		

PROJ_NO: 00998

SDG: P0710189 MEDIA: WATER DATA FRACTION: MISC

nsample	DMW-7D-101107
samp_date	10/11/2007
lab_id	P0710189-04A
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ACETYLENE	UG/L	0.5	U	
ALKALINITY	MG/L	8.1		
BUTANE	UG/L	0.3		
CARBON DIOXIDE	MG/L	62		
CHLORIDE	MG/L	21		
ISOBUTANE	UG/L	0.14		
NITRATE	MG/L	1.1		
NITRITE	MG/L	0.5	U	
PHOSPHATE	MG/L	1	U	
PROPANE	UG/L	0.14		
PROPYLENE	UG/L	0.15		
SULFATE	MG/L	3.1		

PROJ_NO: 00998

SDG: P0710189 MEDIA: WATER DATA FRACTION: OVG

nsample	DMW-5D-101107	nsample	DMW-5I-101107	nsample	DMW-5S-101107
samp_date	10/11/2007	samp_date	10/11/2007	samp_date	10/11/2007
lab_id	P0710189-03A	lab_id	P0710189-02A	lab_id	P0710189-01A
qc_type	NM	qc_type	NM	qc_type	NM
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHANE	UG/L	0.016	J	P
ETHENE	UG/L	0.19		
METHANE	UG/L	0.23		

Parameter	units	Result	Val Qual	Qual Code
ETHANE	UG/L	0.054		
ETHENE	UG/L	0.55		
METHANE	UG/L	24		

Parameter	units	Result	Val Qual	Qual Code
ETHANE	UG/L	0.25		
ETHENE	UG/L	2.1		
METHANE	UG/L	58		

PROJ_NO: 00998

SDG: P0710189 MEDIA: WATER DATA FRACTION: OVG

nsample	DMW-7D-101107
samp_date	10/11/2007
lab_id	P0710189-04A
qc_type	NM
Pct_Solids	0.0
DUP_OF:	

Parameter	units	Result	Val Qual	Qual Code
ETHANE	UG/L	0.084		
ETHENE	UG/L	0.19		
METHANE	UG/L	9.6		

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

EPASampleNo: DMW-5D-101107

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil / water): Water Lab Sample ID: P0710189-03A

Level (low/med): Date Received: 10/12/2007

% Solids:

Concentration Units: mg/L

CAS No.	Analyte	Concentration	C	Q	M
7439-89-6	Iron-dissolved	0.250		M	P

ColorBefore: ClarityBefore: Texture:

ColorAfter: ClarityAfter: Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPASampleNo:

DMW-5I-101107

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil / water): Water Lab Sample ID: P0710189-02A

Level (low/med): Date Received: 10/12/2007

% Solids:

Concentration Units: mg/L

CAS No.	Analyte	Concentration	C	Q	M
7439-89-6	Iron-dissolved	26.0		M	P

ColorBefore: ClarityBefore: Texture:

ColorAfter: ClarityAfter: Artifacts:

Comments:

INORGANIC ANALYSIS DATA SHEET

EPASampleNo:

DMW-5S-101107

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil / water): Water Lab Sample ID: P0710189-01A

Level (low/med): Date Received: 10/12/2007

% Solids:

Concentration Units: mg/L

CAS No.	Analyte	Concentration	C	Q	M
7439-89-6	Iron-dissolved	15.0		M	P

ColorBefore: ClarityBefore: Texture:

ColorAfter: ClarityAfter: Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPASampleNo:

DMW-7D-101107

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil / water): Water Lab Sample ID: P0710189-04A

Level (low/med): Date Received: 10/12/2007

% Solids:

Concentration Units: mg/L

CAS No.	Analyte	Concentration	C	Q	M
7439-89-6	Iron-dissolved	2.20		M	P

ColorBefore: ClarityBefore: Texture:

ColorAfter: ClarityAfter: Artifacts:

Comments:

U.S. EPA - CLP

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OTHER ANALYSIS DATA SHEET

EPASampleNo: DMW-5D-101107

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil / water): Water Lab Sample ID: P0710189-03A

Level (low/med): Date Received: 10/12/2007

% Solids:

Concentration Units :

CAS No.	Analyte	Concentration	Units	C	Q	M
16887-00-6	Chloride	8.10	mg/L		M	
14797-65-0	Nitrite	0.50	mg/L	U		
14797-55-8	Nitrate	2.60	mg/L			
14808-79-8	Sulfate	4.60	mg/L		M	
14596-37-3	Phosphate	1.00	mg/L	U		
	Alkalinity as CaCO3	4.00	mg/L	U		
124-38-9	Carbon dioxide	34.0	mg/L			
74-86-2	Acetylene	0.500	ug/L	U		
75-28-5	iso-Butane	0.050	ug/L	U		
74-84-0	Ethane	0.016	ug/L	J		
74-85-1	Ethene	0.190	ug/L			
106-97-8	n-Butane	0.050	ug/L	U		
74-98-6	Propane	0.050	ug/L	U		
115-07-1	Propene	0.050	ug/L	U		
74-82-8	Methane	0.230	ug/L			

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OTHER ANALYSIS DATA SHEET

EPASampleNo: DMW-5I-101107

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil / water): Water Lab Sample ID: P0710189-02A

Level (low/med): Date Received: 10/12/2007

% Solids:

Concentration Units :

CAS No.	Analyte	Concentration	Units	C	Q	M
16887-00-6	Chloride	100	mg/L		M	
14797-65-0	Nitrite	0.50	mg/L	U		
14797-55-8	Nitrate	1.20	mg/L			
14808-79-8	Sulfate	750	mg/L		M	
14596-37-3	Phosphate	1.00	mg/L	U		
	Alkalinity as CaCO3	4.00	mg/L	U		
124-38-9	Carbon dioxide	160	mg/L			
74-86-2	Acetylene	0.500	ug/L	U		
75-28-5	iso-Butane	0.050	ug/L	U		
74-84-0	Ethane	0.054	ug/L			
74-85-1	Ethene	0.550	ug/L			
106-97-8	n-Butane	0.046	ug/L	J		
74-98-6	Propane	0.046	ug/L	J		
115-07-1	Propene	0.032	ug/L	J		
74-82-8	Methane	24.0	ug/L			

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OTHER ANALYSIS DATA SHEET

EPASampleNo: DMW-5S-101107

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil / water): Water Lab Sample ID: P0710189-01A

Level (low/med): Date Received: 10/12/2007

% Solids:

Concentration Units :

CAS No.	Analyte	Concentration	Units	C	Q	M
16887-00-6	Chloride	160	mg/L		M	
14797-65-0	Nitrite	2.10	mg/L			
14797-55-8	Nitrate	1.10	mg/L			
14808-79-8	Sulfate	1000	mg/L		M	
14596-37-3	Phosphate	1.00	mg/L	U		
	Alkalinity as CaCO3	4.00	mg/L	U		
124-38-9	Carbon dioxide	200	mg/L			
74-86-2	Acetylene	0.200	ug/L	J		
75-28-5	iso-Butane	0.050	ug/L	U		
74-84-0	Ethane	0.250	ug/L			
74-85-1	Ethene	2.10	ug/L			
106-97-8	n-Butane	0.110	ug/L			
74-98-6	Propane	0.110	ug/L			
115-07-1	Propene	0.058	ug/L			
74-82-8	Methane	58.0	ug/L			

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OTHER ANALYSIS DATA SHEET

EPASampleNo: DMW-7D-101107

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil / water): Water Lab Sample ID: P0710189-04A

Level (low/med): Date Received: 10/12/2007

% Solids:

Concentration Units :

CAS No.	Analyte	Concentration	Units	C	Q	M
16887-00-6	Chloride	21.0	mg/L		M	
14797-65-0	Nitrite	0.50	mg/L	U		
14797-55-8	Nitrate	1.10	mg/L			
14808-79-8	Sulfate	3.10	mg/L		M	
14596-37-3	Phosphate	1.00	mg/L	U		
	Alkalinity as CaCO3	8.10	mg/L			
124-38-9	Carbon dioxide	62.0	mg/L			
74-86-2	Acetylene	0.500	ug/L	U		
75-28-5	iso-Butane	0.140	ug/L			
74-84-0	Ethane	0.084	ug/L			
74-85-1	Ethene	0.190	ug/L			
106-97-8	n-Butane	0.300	ug/L			
74-98-6	Propane	0.140	ug/L			
115-07-1	Propene	0.150	ug/L			
74-82-8	Methane	9.60	ug/L			

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INORGANIC ANALYSIS DATA SHEET

EPASampleNo: DMW-6D-100907

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Matrix (soil / water): Water

Level (low/med):

% Solids:

Lab Sample ID: P0710154-01A

Date Received: 10/10/2007

Concentration Units: mg/L

CAS No.	Analyte	Concentration	C	Q	M
7439-89-6	Iron-dissolved	0.023	J	M	P

ColorBefore:

ColorAfter:

ClarityBefore:

ClarityAfter:

Texture:

Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPASampleNo: DMW-6I-100907

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Matrix (soil / water): Water

Level (low/med):

% Solids:

Lab Sample ID: P0710154-02A

Date Received: 10/10/2007

Concentration Units: mg/L

CAS No.	Analyte	Concentration	C	Q	M
7439-89-6	Iron-dissolved	28.000		M	P

ColorBefore:

ColorAfter:

ClarityBefore:

ClarityAfter:

Texture:

Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPASampleNo: DMW-9I-100907

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Matrix (soil / water): Water Lab Sample ID: P0710154-03A

Level (low/med): Date Received: 10/10/2007

% Solids: Concentration Units: mg/L

CAS No.	Analyte	Concentration	C	Q	M
7439-89-6	Iron-dissolved	8.800		M	P

ColorBefore: ClarityBefore: Texture:

ColorAfter: ClarityAfter: Artifacts:

Comments:

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OTHER ANALYSIS DATA SHEET

EPASampleNo: DMW-6D-100907

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Matrix (soil / water): Water Lab Sample ID: P0710154-01A

Level (low/med): Date Received: 10/10/2007

% Solids:

Concentration Units :

CAS No.	Analyte	Concentration	Units	C	Q	M
16887-00-6	Chloride	130	mg/L			
14797-65-0	Nitrite	0.50	mg/L	U		
14797-55-8	Nitrate	2.80	mg/L			
14808-79-8	Sulfate	43.0	mg/L			
14596-37-3	Phosphate	1.00	mg/L	U		
	Alkalinity as CaCO3	9.10	mg/L			
124-38-9	Carbon dioxide	94.0	mg/L			
74-86-2	Acetylene	0.500	ug/L	U		
75-28-5	iso-Butane	0.023	ug/L	J		
74-84-0	Ethane	0.029	ug/L			
74-85-1	Ethene	0.030	ug/L			
106-97-8	n-Butane	0.094	ug/L			
74-98-6	Propane	0.051	ug/L			
115-07-1	Propene	0.062	ug/L			
74-82-8	Methane	0.460	ug/L			

OTHER ANALYSIS DATA SHEET

EPASampleNo: DMW-6I-100907

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Matrix (soil / water): Water Lab Sample ID: P0710154-02A

Level (low/med): Date Received: 10/10/2007

% Solids:

Concentration Units :

CAS No.	Analyte	Concentration	Units	C	Q	M
16887-00-6	Chloride	38.0	mg/L			
14797-65-0	Nitrite	1.70	mg/L			
14797-55-8	Nitrate	1.00	mg/L			
14808-79-8	Sulfate	500	mg/L		M	
14596-37-3	Phosphate	1.00	mg/L	U		
	Alkalinity as CaCO3	4.00	mg/L	U		
124-38-9	Carbon dioxide	150	mg/L			
74-86-2	Acetylene	0.500	ug/L	U		
75-28-5	iso-Butane	0.050	ug/L	U		
74-84-0	Ethane	0.081	ug/L			
74-85-1	Ethene	0.020	ug/L	J		
106-97-8	n-Butane	0.050	ug/L	U		
74-98-6	Propane	0.100	ug/L			
115-07-1	Propene	0.050	ug/L	U		
74-82-8	Methane	9.70	ug/L			

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OTHER ANALYSIS DATA SHEET

EPASampleNo: DMW-9I-100907

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Matrix (soil / water): Water Lab Sample ID: P0710154-03A

Level (low/med): Date Received: 10/10/2007

% Solids:

Concentration Units :

CAS No.	Analyte	Concentration	Units	C	Q	M
16887-00-6	Chloride	100	mg/L			
14797-65-0	Nitrite	1.40	mg/L			
14797-55-8	Nitrate	2.60	mg/L			
14808-79-8	Sulfate	220	mg/L		M	
14596-37-3	Phosphate	1.00	mg/L	U		
	Alkalinity as CaCO3	71.0	mg/L			
124-38-9	Carbon dioxide	240	mg/L			
74-86-2	Acetylene	0.500	ug/L	U		
75-28-5	iso-Butane	0.013	ug/L	J		
74-84-0	Ethane	5.000	ug/L			
74-85-1	Ethene	120.0	ug/L			
106-97-8	n-Butane	0.200	ug/L			
74-98-6	Propane	0.190	ug/L			
115-07-1	Propene	0.250	ug/L			
74-82-8	Methane	500.0	ug/L			

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG P0710189

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
MF	MG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/15/2007	10/15/2007	4	0	4
MF	MG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/15/2007	10/15/2007	4	0	4
MF	MG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/15/2007	10/15/2007	4	0	4
MF	MG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/15/2007	10/15/2007	4	0	4
ACET	UG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
ACET	UG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
ACET	UG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
ACET	UG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
ALK	MG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/17/2007	10/17/2007	6	0	6
ALK	MG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/17/2007	10/17/2007	6	0	6
ALK	MG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/17/2007	10/17/2007	6	0	6
ALK	MG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/17/2007	10/17/2007	6	0	6
CL	MG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
CL	MG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
CL	MG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
CL	MG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
CO2	MG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
CO2	MG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
CO2	MG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
CO2	MG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
MISC	UG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
MISC	UG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
MISC	UG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
MISC	UG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
NTA	MG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
NTA	MG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
NTA	MG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
NTA	MG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
NTI	MG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
NTI	MG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
NTI	MG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
NTI	MG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
PO4	MG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/17/2007	10/17/2007	6	0	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PO4	MG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/17/2007	10/17/2007	6	0	6
PO4	MG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/16/2007	10/16/2007	5	0	5
PO4	MG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/16/2007	10/16/2007	5	0	5
PROP	UG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
PROP	UG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
PROP	UG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
PROP	UG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
SO4	MG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/16/2007	10/16/2007	5	0	5
SO4	MG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/16/2007	10/16/2007	5	0	5
SO4	MG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
SO4	MG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/12/2007	10/12/2007	1	0	1
ETHA	UG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
ETHA	UG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
ETHA	UG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
ETHA	UG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
ETHE	UG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
ETHE	UG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
ETHE	UG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
ETHE	UG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
METH	UG/L	DMW-5D-101107	P0710189-03A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
METH	UG/L	DMW-5I-101107	P0710189-02A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
METH	UG/L	DMW-7D-101107	P0710189-04A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13
METH	UG/L	DMW-5S-101107	P0710189-01A	NM	10/11/2007	10/24/2007	10/24/2007	13	0	13

Chain of Custody Record

PO710189

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Minco Seeps

STL-4124 (0901)

Client: Tetra Tech WS	Project Manager: Mike Martin	Date: 10-11-07	Chain of Custody Number: 322839
Address: 20251 Century Blvd Ste 200	Telephone Number (Area Code)/Fax Number: (301) 525-3022	Lab Number:	Page 1 of 1
City: Germantown / State: MD / Zip Code: 20874	Site Contact: Walt Pyon	Lab Contact:	
Project Name and Location (State): Martin State Airport	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis: Methanol/Methyl Iodide	Filtered/Dissolved Iron	Sulfate/Sulfide	Methane/Ethane/Ethene	Carbon Dioxide	Bulk Flammability
DMW-S5-101107	10-11-07	1150		X			X		X				X	X	X	X	X	X
DMW-S1-101107	"	1234		X			X		X				X	X	X	X	X	X
DMW-S0-101107	"	1450		X			X		X				X	X	X	X	X	X
DMW-70-101107	"	1625		X			X		X				X	X	X	X	X	X

Special Instructions/ Conditions of Receipt

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Walt Pyon	10-11-07	1800	1. Received By	10/12	
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

PO710189

Cooler Receipt Form

P0710189

Client: TetraTech NUS Inc Client Code: TetraTechP LabProject #: P0710189

Project: Martin State Airport

Cooler ID: 1

A. Preliminary Examination Phase: Date cooler opened: 10/12/2007

Cooler opened by: dp

1. Was airbill Attached? N/A Airbill #: Carrier Name: FedEx
2. Custody Seals? N/A How many? 0 Location: Seal Name:
3. Seals intact? Yes
4. Screened for radiation? N/A
5. COC Attached? Yes Properly Completed? Yes Signed by employee? Yes
6. Project Identification from custody paper: Martin State Airport
7. Preservative: Yes Temperature: 4

Comments:

B. Log-In Phase: Samples Log-in Date: 10/12/2007 Log-in By: dp

1. Packing Type: Other
2. Were samples in separate bags? N/A
3. Were containers intact? Yes Labels agree with COC? Yes
4. Number of bottles received: 24 Number of samples received: 4
5. Correct containers used? Yes Correct preservatives added? N/A
6. Sufficient sample volume? Yes
7. Bubbles in VOA samples? N/A
8. Was Project manager called and status discussed? N/A

Comments:

Have designate person initial here to acknowledge receipt of cooler: Date: 10/12/7

CASE NARRATIVE
Client: TetraTech NUS
Project Name: Martin State Airport
SDG: DMW-5D-101107
Microseeps Project No.: P0710189

Sample Receipt

Microseeps, Inc. received the sample shipment on 10/12/2007. Copies of the laboratory's cooler receipt forms are enclosed. A summary of the field and laboratory identifications is presented below.

FIELD IDENTIFICATION	LAB IDENTIFICATION
DMW-5S-101107	P0710189-01
DMW-5I-101107	P0710189-02
DMW-5D-101107	P0710189-03
DMW-7D-101107	P0710189-04

For some of the reporting forms, the sample identifications have been truncated because of space limitations.

A copy of all communications concerning this project has been enclosed.

Sample Analyses

The sample analyses were performed in accordance with Microseeps routine Standard Operating procedures. There were no unusual observances noted during the analysis of these samples

The percent recovery for the matrix spike analyses for iron was outside of control limits. The unspiked sample concentration was approximately 20 times the spike added.

The percent recoveries for the batch MS analyses for chloride were outside of control limits. The unspiked sample concentration was over 2 times the spike added. All other QC analyses were acceptable.

Case Narrative

Batch number: M071015008. 10/16/07 ARK **Original Run Date:** 10/15/07

Sample numbers: P0710095-01AD->03AD, P0710092-01AD->07AD, P0710093-05AD, 06AD, 07AD, P0710154-01AD->03AD, P0710189-01AD->04AD.

Out of Control Event: P0710095-01AD-MSPK was out for Fe.

Corrective Action Taken: N/A.

Result: N/A.

Observations to support use of data: The concentration of the sample was greater than four times the concentration of the matrix spike for Fe. Accept data.

Manual Integration Checklist and Approval

- Manual Integration approved?: Yes No
- Satisfactorily documented on this narrative?
- Manually integrated chromatogram initialed and dated by analyst?

Signature Lead Analyst or Lab. Mgr. Date

Analyzed & Reviewed by: ARK Date: 10/15/07

Manual Integration Conducted? YES (NO)

(Circle One)

Reviewed by: _____ Date: _____

Reviewed & Entered by: LIMS Date: 10/16/07

Reviewed by: DT Date: 10/16/07

Corrected by: _____ Date: _____

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-SD-10110

Initial Calibration Source: SCP Sci
Continuing Calibration Source

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Iron, dissolved	1.000	1.017	102	12.50	12.61	101	12.71	102	

(1) Control Limits: Mercury 80-120; other Metals 90-110; Cyanide 85-115

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Initial Calibration Source:

Continuing Calibration Source SCP Sci

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Iron, dissolved				12.50	12.76	102	12.73	102	

(1) Control Limits: Mercury 80-120; other Metals 90-110; Cyanide 85-115

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Initial Calibration Source:

Continuing Calibration Source SCP Sci

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Iron,dissolved				12.50	12.84	103	12.96	104	

(1) Control Limits: Mercury 80-120; other Metals 90-110; Cyanide 85-115

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Preparation Blank Matrix (soil/water): Water

Preparation Blank Concentration Units : mg/L

Analyte	Init Calib Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Iron-dissolved	0.050U	U	0.040	J	0.050	U	0.050	U	0.050	U	P

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Preparation Blank Matrix (soil/water): Water

Preparation Blank Concentration Units : mg/L

Analyte	Init Calib Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Iron, dissolved			0.040	J	0.040	J	0.040	J			

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No : Martin State Airport SAS No.: SDG No.: DMW-5D-10110

ICP ID Number: EL99063568 ICS Source: SCP Sci

Concentration Units: mg/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Iron	200		151	152	75.5			

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Solid LCS Source:

Aqueous LCS Source: SCP Sci

Analyte	Aqueous (mg/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Iron-dissolved	5.00	5.013	100						

PREPARATION LOG

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-101107

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (ml)
PBW	10/12/2007		50
LCSW	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
DMW-5S-101107	10/12/2007		50
DMW-5I-101107	10/12/2007		50
DMW-5D-101107	10/12/2007		50
DMW-7D-101107	10/12/2007		50

U.S EPA - CLP
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ANALYSIS RUN LOG

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Instrument ID Number: EL99063568 Method: P

Start Date: 10/15/2007 End Date: 10/15/2007

EPA Sample No.	D/F	Time	%R	Analytes																												
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN					
ICV	1	09:01		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X							
ICB	1	09:08		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X							
ICSA	1	09:11				X	X		X		X		X		X		X		X	X	X	X	X									
ICSAB	1	09:14					X		X		X		X		X				X		X	X				X							
CCV	1	09:17		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X							
CCB	1	09:20		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X							
PBW	1	09:23				X			X					X		X	X			X			X									
LCSW	1	09:26				X			X					X		X	X			X			X									
ZZZZZZ	1	09:29				X			X					X		X	X			X			X									
ZZZZZZ	1	09:32				X			X					X		X	X			X			X									
ZZZZZZ	1	09:35				X			X					X		X	X			X			X									
ZZZZZZ	1	09:38		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X							
ZZZZZZ	1	09:41		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X							
ZZZZZZ	1	09:44		X		X	X		X		X		X	X	X	X	X		X	X	X	X	X			X							
ZZZZZZ	1	09:47		X		X	X		X		X		X	X	X	X	X		X	X	X	X	X			X							
ZZZZZZ	1	09:50		X		X	X		X		X		X	X	X	X	X		X	X	X	X	X			X							
CCV	1	09:53		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X							
CCB	1	09:56		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X							
ZZZZZZ	40	09:59																														
ZZZZZZ	10	10:02																														
ZZZZZZ	5	10:05																														
ZZZZZZ	10	10:08																														
ZZZZZZ	10	10:11																														
ZZZZZZ	1	10:14												X																		
ZZZZZZ	1	10:17																														
ZZZZZZ	1	10:20												X																		
ZZZZZZ	1	10:23												X																		
ZZZZZZ	1	10:26												X																		
CCV	1	10:29		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X							
CCB	1	10:32		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X							
ZZZZZZ	20	10:35																														
ZZZZZZ	10	10:38																														
ZZZZZZ	40	10:41																														

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Instrument ID Number: EL99063568 Method: P

Start Date: 10/15/2007 End Date: 10/15/2007

EPA Sample No.	D/F	Time	%R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN			
ZZZZZZ	10	10:45																												
ZZZZZZ	5	10:48																												
ZZZZZZ	1	10:51																												
ZZZZZZ	1	10:54																												
ZZZZZZ	1	10:57		X		X	X		X	X	X		X	X	X	X	X		X		X	X				X				
DMW-5S-101107	1	11:00												X																
DMW-5I-101107	1	11:03												X																
CCV	1	11:06		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X				
CCB	1	11:20		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X				
ZZZZZZ	10	11:23																												
ZZZZZZ	10	11:26																												
ZZZZZZ	20	11:29																												
ZZZZZZ	10	11:32																												
DMW-5D-101107	1	11:35												X																
ZZZZZZ	1	11:38		X		X			X		X		X	X	X		X		X		X	X				X				
ZZZZZZ	1	11:41		X		X			X		X		X	X	X		X		X		X	X				X				
ZZZZZZ	1	11:44		X		X			X		X		X	X	X		X		X		X	X				X				
ZZZZZZ	1	11:47		X		X			X		X		X	X	X		X		X		X	X				X				
ZZZZZZ	1	11:50		X		X			X		X		X	X	X		X		X		X	X				X				
CCV	1	11:53		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X				
CCB	1	12:04		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X				
DMW-7D-101107	1	12:07												X																
ZZZZZZ	1	12:10		X						X				X		X	X					X								
ZZZZZZ	1	12:13		X						X				X		X	X					X								
ZZZZZZ	1	12:16		X						X				X		X	X					X								
ZZZZZZ	1	12:19												X		X	X			X			X							
ZZZZZZ	1	12:22												X		X	X			X			X							
ZZZZZZ	1	12:25												X		X	X			X										
ZZZZZZ	1	12:28												X		X	X			X			X							
ZZZZZZ	1	12:31												X												X				
ZZZZZZ	1	12:34												X			X													
CCV	1	12:37		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X				
CCB	1	12:40		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X				

SRV: P0710189-02AD = DMW-5I-101107

[Fe] = 26 mg/L as reported by the laboratory.

ICP101507. All Data Report 10/15/2007, 3:21:35 PM, Method: SOP-P3, Instrument ID: EL99063568

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
~~Mn 257.610~~	~~0.0008~~	~~ppm~~	~~0.0000~~	~~2.2~~	~~255.6~~
Mo 202.032	0.0009	ppm	0.0002	23.2	12.44
Na 588.995	62.62o	ppm	0.5877	0.9	26129694
Ni 231.604	0.0005uv	ppm	0.0007	134.6	9.024
Pb 220.353	0.0039	ppm	0.0003	8.0	10.94
S 181.972	0.0599	ppm	0.0032	5.4	28.34
Se 196.026	0.0085	ppm	0.0033	39.0	6.450
Ti 337.280	-0.0020uv	ppm	0.0002	11.7	60.92
~~Zn 213.857~~	~~0.0630~~	~~ppm~~	~~0.0003~~	~~0.4~~	~~1628~~

P0710189-01AD (Samp) **10/15/2007, 11:00:05 AM** **Rack 3, Tube 19**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0000uv	ppm	0.0000	323.4	24.82
Al 394.401	5.616	ppm	0.0046	0.1	73370
As 193.696	-0.0042uv	ppm	0.0004	9.2	4.222
B 249.678	0.2538	ppm	0.0026	1.0	2539
Ba 413.064	0.0487	ppm	0.0004	0.7	1081
Ca 373.690	38.40	ppm	0.1411	0.4	399729
Cd 214.439	0.0009	ppm	0.0001	11.9	25.80
Cr 267.716	0.0039	ppm	0.0000	0.8	152.4
Cu 327.395	0.0016	ppm	0.0000	1.2	324.6
Fe 259.940	15.01	ppm	0.0105	0.1	243184
K 769.897	5.184	ppm	0.0143	0.3	325791
Mg 279.800	34.57	ppm	0.0372	0.1	76414
Mn 257.610	3.010	ppm	0.0017	0.1	638964
Mo 202.032	-0.0001uv	ppm	0.0001	157.4	5.087
Na 588.995	36.92o	ppm	0.1198	0.3	15416290
Ni 231.604	0.0496	ppm	0.0006	1.2	218.7
Pb 220.353	0.0029	ppm	0.0009	32.4	9.465
S 181.972	108.0x	ppm	0.1742	0.2	28677
Se 196.026	0.0019	ppm	0.0014	74.5	1.796
Ti 337.280	0.0077	ppm	0.0001	1.6	516.3
Zn 213.857	0.1357	ppm	0.0004	0.3	3288

7/01/2007

P0710189-02AD (Samp) **10/15/2007, 11:03:06 AM** **Rack 3, Tube 20**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0001uv	ppm	0.0001	61.8	13.84
Al 394.401	3.353	ppm	0.0089	0.3	43946
As 193.696	-0.0049uv	ppm	0.0016	32.6	3.664
B 249.678	0.2043	ppm	0.0017	0.9	2065
Ba 413.064	0.0414	ppm	0.0001	0.2	950.2
Ca 373.690	40.82	ppm	0.2569	0.6	424918
Cd 214.439	0.0009	ppm	0.0001	15.0	25.80
Cr 267.716	0.0052	ppm	0.0000	0.5	194.5
Cu 327.395	-0.0001uv	ppm	0.0001	229.4	209.4
Fe 259.940	25.90	ppm	0.1206	0.5	419508
K 769.897	4.833	ppm	0.0797	1.6	304972
Mg 279.800	27.27	ppm	0.1510	0.6	60289

CASE NARRATIVE

Original Run Date:

Batch Number: M071017022

Sample Numbers: P0710189-1→4, P0710191-1→3, P0710154-2,3
P0710093-4

Out of Control Event: ① Sample P0710093-04 (P0710154-2+3) was over the calibration range.
② First CCV out of acceptance criteria for PO4

Corrective Action Taken: ① a5X dilution was analyzed.
② Samples P0710189-1→4 will be reanalyze

Result: ① Result in range.

Observations to support use of data:

Manual Integration Checklist and Approval	
Manual Integration approved? Yes No Satisfactorily documented on this narrative? Manually integrated chromatogram initialed and dated by analyst?	
Signature Lead Analyst or Lab Mgr.	Date

Analyzed and Reviewed by:		Date:	10-17-0
Manual Integration Conducted?	YES	NO	
Reviewed by:		Date:	
Reviewed and Entered by:		Date:	10/18/0
Reviewed by:		Date:	
Corrected by:		Date:	

Case Narrative/BIOREM 12

Analytical Method: AM20Gax **Batch Number Original Run Date:** 10/24/07

Light Hydrocarbons (C_1-C_4) M071024001
Permanent Gases (CO_2, O_2, N_2, CH_4, CO) M071024002

1. Sample numbers:

P0710189 (01-04)
P0710191 (01-03)
P0710192 (01-06)
P0710196 (01-02)
P0710198 (01-04)
P0710209 (01)

2. Out of Control Event:
i. Manual integrations are due to the software not compensating for baseline flucuations.

3. Corrective Action Taken:
i. None

4. Result:
i. Analysis OK

5. Observations to support use of data: NA
i. None

Manual Integration Checklist and Approval

- **Manual Integration approved? Yes No**
- **Satisfactorily documented on this narrative?**
- **Manually integrated chromatogram initialed and dated by analyst?**

_____ 102507
Signature Lead Analyst or Lab. Mgr. **Date**

Analyzed & Reviewed by: RCW Date: 10-24-07
Manual Integration Conducted? Yes

Reviewed by: _____ **Date:** 102507
Reviewed & Entered by: LIMS UPLOAD **Date:** 10-24-07
Reviewed by: _____ **Date:** _____

Corrected by: _____ **Date:** _____

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Initial Calibration Source: AccuStd
Continuing Calibration Source:

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R	Continuing Calibration True	Found	%R	Found	%R	M
Chloride	10.00	9.980	99.8						
Nitrate	10.00	9.101	91.0						
Nitrite	10.00	9.702	97.0						
Phosphate	10.00	9.686	96.9						
Sulfate	10.00	9.837	98.4						

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Initial Calibration Source:
Continuing Calibration Source: CPI

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R	Continuing Calibration True	Found	%R	Found	%R	M
Chloride				10.00	10.053	100	10.988	110	
Nitrate				10.00	9.298	93.0	9.317	93.2	
Nitrite				10.00	9.850	98.5	9.843	98.4	
Phosphate				10.00	8.591	85.9	8.682	86.8	
Sulfate				10.00	9.875	98.8	9.806	98.1	

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Initial Calibration Source:
Continuing Calibration Source: CPI

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R	Continuing Calibration True	Found	%R	Found	%R	M
Chloride				10.00	10.358	104			
Nitrate				10.00	9.330	93.3			
Nitrite				10.00	9.841	98.4			
Phosphate				10.00	10.170	102			
Sulfate				10.00	10.800	108			

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Initial Calibration Source:

Continuing Calibration Source: CPI

Concentration Units: mg/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R	True	Found	%R	Found	%R	
Phosphate				10.00	10.882	109	9.726	97.3	
Sulfate				10.00	10.779	108	10.106	101	

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Initial Calibration Source:

Continuing Calibration Source: CPI

Concentration Units: mg/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R	True	Found	%R	Found	%R	
Phosphate				10.00	9.512	95.1	8.694	86.9	
Sulfate				10.00	10.087	101	10.659	107	

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Initial Calibration Source: Scotty

Continuing Calibration Source:

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R	Continuing Calibration True	Found	%R	Found	%R	M
Acetylene	74.31	78.98	106						
Methane	24.79	25.79	104						
Ethane	48.14	48.27	100						
Ethene	53.55	54.49	102						
Propane	68.54	74.76	109						
Propene	79.76	78.16	98.0						
iso-Butane	84.46	89.16	105						
n-Butane	88.23	90.25	102						
Carbon dioxide	107.4	108.52	101						
Methane	4294	4485.8	104						
Acetylene	74.31	78.21	105						

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Initial Calibration Source:
Continuing Calibration Source: Spectra

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R	Continuing Calibration True	Found	%R	Found	%R	M
Acetylene				74.31	77.82	105	76.84	103	
Methane				24.79	26.52	107	26.79	108	
Ethane				48.14	49.71	103	49.83	104	
Ethene				53.55	56.26	105	56.46	105	
Propane				68.54	77.51	113	77.64	113	
Propene				79.76	81.26	102	81.42	102	
iso-Butane				84.46	92.64	110	92.34	109	
n-Butane				88.23	92.63	105	91.10	103	
Carbon dioxide				107.4	105.3	98.0	107.6	100	
Methane				4294	4411.9	103	4328.8	101	

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Nitrite	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	
Nitrate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	
Sulfate	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	
Phosphate	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	
Chloride	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	

Lab Name: Microseeps, Inc Contract: 1024686

Lab Code: P0710189 Case No : Martin State Airport SAS No.: SDG No : DMW-5D-10110

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Chloride			1.00	U							
Nitrate			0.50	U							
Nitrite			0.50	U							
Phosphate			1.00	U							
Sulfate			1.00	U							

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-SD-10110

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Phosphate			1.00	U	1.00	U	1.00	U	1.00	U	
Sulfate			1.00	U	1.00	U	1.00	U	1.00	U	

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-101107

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Phosphate			1.00	U	1.00	U					
Sulfate			1.00	U	1.00	U					

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Alkalinity as CaCO3									2.0	J	

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Alkalinity as CaCO3									4.0	U	

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units ug/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Acetylene	0.500	U	0.500	U					0.500	U	
iso-Butane	0.050	U	0.050	U					0.050	U	
Ethane	0.025	U	0.025	U					0.025	U	
Ethene	0.025	U	0.025	U					0.025	U	
n-Butane	0.050	U	0.050	U					0.050	U	
Propane	0.050	U	0.050	U					0.050	U	
Propene	0.050	U	0.050	U					0.050	U	
Methane	0.100	U	0.100	U					0.100	U	

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Carbon dioxide	5.00	U	5.00	U					5.00	U	

EPA Sample No.
dmw-5s-101107

Lab Name: Microseeps, Inc Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil/water): Water Level (low/med):

% Solids for Sample: % Solids for Duplicate:

Concentration Units : mg/L

Analyte	Control Limit	Sample	C	Duplicate	C	RPD	Q	M
Chloride	0-20	164.6		162.3		1.41		
Nitrite	0-20	2.128		2.159		1.31		
Nitrate	0-20	1.070		1.076		0.56		
Phosphate	0-20	1.00	U	1.00	U	0.00		

EPA Sample No.

DMW-5S-101107

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil/water): Water Level (low/med):

% Solids for Sample: % Solids for Duplicate:

Concentration Units : mg/L

Analyte	Control Limit	Sample	C	Duplicate	C	RPD	Q	M
Phosphate	0-20	1.00	U	1.00	U	0		
Sulfate	0-20	1014		960.0		9.70		

EPA Sample No.
LCS

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil/water): Water Level (low/med):

% Solids for Sample: % Solids for Duplicate:

Concentration Units : ug/L

Analyte	Control Limit	Sample	C	Duplicate	C	RPD	Q	M
Acetylene	0-20	38.58		37.56		2.68		
Methane	0-20	893.0		841.3		5.96		
Ethane	0-20	48.94		47.51		2.88		
Ethene	0-20	45.06		43.84		2.74		
Propane	0-20	71.73		69.62		2.98		
Propene	0-20	64.73		62.88		2.90		
iso-Butane	0-20	95.41		92.11		3.52		
n-Butane	0-20	92.82		89.57		3.56		

EPA Sample No.

LCS

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil/water): Water Level (low/med):

% Solids for Sample: % Solids for Duplicate:

Concentration Units : mg/L

Analyte	Control Limit	Sample	C	Duplicate	C	RPD	Q	M
Carbon dioxide	0-20	142.7		141.7		0.70		

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Solid LCS Source:

Aqueous LCS Source: CPI

Analyte	Aqueous				Solid (mg/Kg)					
	Units	True	Found	%R	True	Found	C	Limits		%R
Chloride	mg/L	10.00	10.274	103						
Nitrite	mg/L	10.00	9.803	98.0						
Nitrate	mg/L	10.00	9.352	93.5						
Sulfate	mg/L	10.00	10.740	107						
Phosphate	mg/L	10.00	8.888	88.9						

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No: DMW-5D-10110

Solid LCS Source:

Aqueous LCS Source: CPI

Analyte	Aqueous				Solid (mg/Kg)					
	Units	True	Found	%R	True	Found	C	Limits		%R
Sulfate	mg/L	10.00	10.097	101						
Phosphate	mg/L	10.00	9.265	92.6						

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No : SDG No.: DMW-5D-10110

Solid LCS Source: ERA

Aqueous LCS Source:

Analyte	Aqueous				Solid (mg/Kg)					
	Units	True	Found	%R	True	Found	C	Limits		%R
Alkalinity as CaCO3	mg/L	96.2	101	105						

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Solid LCS Source:

Aqueous LCS Source: Spectra

Analyte	Aqueous				Solid (mg/Kg)					
	Units	True	Found	%R	True	Found	C	Limits		%R
Acetylene	ug/L	36.10	38.58	107						
iso-Butane	ug/L	80.58	95.41	118						
Ethane	ug/L	41.68	48.94	117						
Ethene	ug/L	38.89	45.06	116						
n-Butane	ug/L	80.58	92.82	115						
Propane	ug/L	61.13	71.73	118						
Propene	ug/L	58.33	64.73	111						
Methane	ug/L	822.8	893.0	108						

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Solid LCS Source:

Aqueous LCS Source: Spectra

Analyte	Aqueous				Solid (mg/Kg)					
	Units	True	Found	%R	True	Found	C	Limits		%R
Carbon dioxide	mg/L	129.3	142.7	110						

Total Alkalinity (> 20 mg/L as CaCO3)

Method : SOP-WC 11

Instrument : Accumet Model 50

LIMS Batch No.: M071017015 ✓ RH 10-17-07

Date of Analysis: 10-17-07

Analyst's Name : Roberta Busha

Reagents & Stds	Unique ID #	QC Spl. True Value
LCS P135-50	WC044-68-38	96.2
MS		100
H2SO4	WC044-73-30	
Na2CO3 Solution	WC044-70-18	
pH Buffer 4.0	WC044-51-6	
pH Buffer 7.0	WC041-69-29	
pH Buffer 10.0	WC044-57-34	

Normality of 0.02N H2SO4: 0.0202

For alkalinities < 1000 mg/L CaCO3 use 0.02 N titrant. For alkalinities > 1000 mg/L CaCO3 use 0.1 N titrant.
Vol. of titrant used for each titration should exceed 20 ml, but not greater than the sample volume.

pH meter calibrated start ✓ finish ✓

Titrate to pH = 4.5 If < 20 Run Low

Sample Identification	Sample Vol. (ml)	Spl. pH	N H2SO4	H2SO4 Titrant Volumes (ml) Initial	Final	Titer	Total Alkalinity (mg/l) as CaCO3
PBW	50	5.66	0.0202	0.000	0.1	0.1	2.02
LCSW % Rec.= 104%	50	9.05	0.0202	0.000	5.0	5.0	101 ✓
Slope of PH Electrode: 59.12							
Efficiency of Electrode: 99.9							
P0710095-01AF	50	5.07	0.0202	0.000	0.3	0.3	6.06 ✓
-02AF	50	6.42	0.0202	0.000	22.0	22.0	444.4 ✓
-02AF Dup	50	6.49	0.0202	0.000	22.3	22.3	450.46 ✓
97% -02AF MS	50	6.72	0.0202	0.000	26.8	26.8	541.36 ✓
-03AF	50	6.00	0.0202	0.000	16.2	16.2	327.24 ✓
P0710099-01AJ	50	5.93	0.0202	0.000	1.8	1.8	36.36 ✓
-02AJ	50	6.00	0.0202	0.000	6.7	6.7	135.34 ✓
-03AJ	50	6.49	0.0202	0.000	14.3	14.3	288.86 ✓
P0710112-01AE	50	5.71	0.0202	0.000	1.6	1.6	32.32 ✓
-02AE	50	6.04	0.0202	0.000	5.6	5.6	113.12 ✓
-03AE	50	5.62	0.0202	0.000	2.3	2.3	46.46 ✓
P0710154-01AE	50	5.20	0.0202	0.000	0.5	0.5	10.1
-02AE	50	3.67	—	0.000	0.000	0.000	0.000 ✓
-03AF	50	5.81	0.0202	0.000	3.5	3.5	70.7 ✓
-03AF Dup	50	5.85	0.0202	0.000	3.6	3.6	72.72 ✓
P0710189-01AF	50	4.19	—	0.000	0.000	0.000	0.000 ✓
-02AE	50	4.72	0.0202	0.000	0.1	0.1	2.02 ✓
-03AF	50	4.48	—	0.000	0.000	0.000	0.000 ✓
-04AF	50	5.31	0.0202	0.000	0.6	0.6	RH 10-17-07 12.15 12.1 ✓
CCV 200ppm 96%	50	10.50	0.0202	0.000	9.6	9.6	193.92 ✓

RPD Sample/Dup Calculated: 1.3%

Total Alkalinity = (1st Titer Vol. x N x 50,000) / Sample Volume

Required QC:
- PBW: < PQL of 4 mg/L
- MS: 69% - 101%
- Sample/Dup RPD: < or =14%
- LCSW: 87% - 113%

(Record all calculation results on this data sheet)

Your signature indicates all data is within acceptance criteria or justified in a narrative form.

Data entered by : Roberta Busha Date : 10-17-07

Data reviewed & approved by : Maureen Conlin Date : 10-17-07

SRV: P0710169-04AF = DMW-7D-101107 [$CaCO_3$] = 8.1 mg/L as reported by the lab.

Low Level Total Alkalinity

P0710189

Method : SOP-WC 11

Instrument : Accumet Model 50

LIMS Batch No.: M071017016 ✓

Date of Analysis: 10-17-07

Analyst's Name : Roberta Busha

Reagents & Stds	Unique ID #	QC Spl. True Value
LCS		
MS		
H2SO4	WC044-70-18	
Na2CO3 Solution		
pH Buffer 4.0	WC044-51-6	
pH Buffer 7.0	WC044-51-34	

(B) Normality of 0.02N H_2SO_4: 0.0202

pH meter calibrated start ✓ finish ____

Titrate to pH range 4.3 - 4.7, then add titrant to reduce pH exactly 0.30 pH unit.

Sample Identification	Sample Vol. (ml)	Spl. pH	H2SO4 Titrant Volumes (ml) Initial Volume	Intermediate Volume to pH Range 4.3-4.7 (A)	Intermed. pH	Final Volume to change 0.3 pH unit	Net Titer (C)	Total Alkalinity (mg/l) CaCO3
PBW	100	5.63	0.000	0.1	4.73	0.2	0.1	1.01
LCSW % Rec. =								
Slope of PH Electrode: 59.12								
Efficiency of Electrode: 99.9								
P0710095-01AF	100	5.13	0.000	0.6	4.76	0.9	0.3	9.09 ✓
-01AFDup	98	5.27	0.000	0.65	4.77	0.9	0.25	10.32 ✓
P0710154-01AE	100	5.26	0.000	0.55	4.74	0.75	0.2	9.09 ✓
P0710189-03AF	100	4.72	0.000	0.000	4.73	0.15	0.15	0.000 ✓
-04AF	100	5.30	0.000	0.5	4.59	0.7	0.2	8.08 ✓

RPD Sample/Dup Calculated: 17.39

Required QC: PBW: < PQL of 4 mg/L
MS: 69% - 101%
Sample/Dup RPD: < or =14%
LCSW: 87% - 113%

(Record all calculation results on this data sheet)

Low Level Alk= $\frac{(2A - C) \times B \times 50{,}000}{\text{(ml) Sample}}$

Where: A=ml titrant to first recorded pH
B=normality of 0.02N Sulfuric Acid
C=ml titrant to reach pH 0.3 unit lower

$[CaCO_3] = \frac{[2(10.1) - [(2(10.5) - 0.2) \times 0.0202 \times 50{,}000]}{100 ml} = 8.08$ mg/L

Your signature indicates all data is within acceptance criteria or justified in a narrative form.

Data entered by : Roberta Busha Date : 10-17-07

Data reviewed & approved by : Maureen Conlin Date : 10-17-07

SRV: P0710189-01A = DMW-55-101107
[Methane] = 58 mg/L as reported by the laboratory.

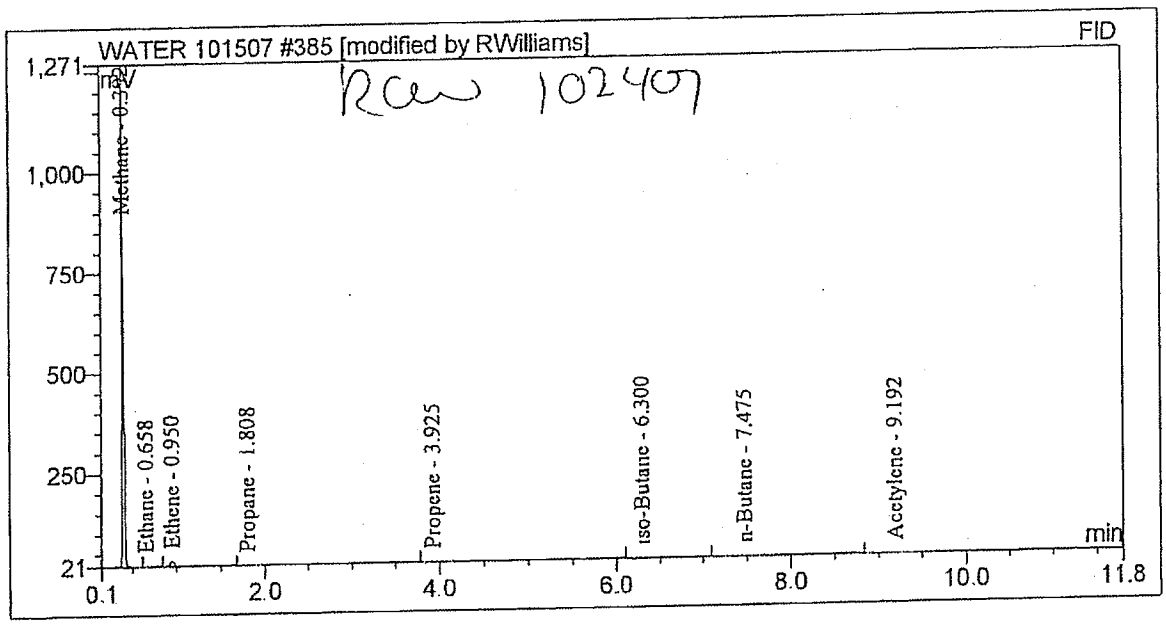
MICROSEEPS

Sample Analysis Report

Sample Name:	P0710189-01A D	**Sequence No:**	385
Sequence Name:	WATER 101507	**Instrument ID:**	BIOREM12
Program Method:	WATER 101507	**Injection vol.:**	1.0
Quantitation Method:	WATER 101507	**Dilution Factor:**	1.0000
Date Time Collected:	10/24/2007 9:05	**Analytical Method:**	PM01C/AM20GAx
System Operator:	RWilliams	**Comment**	

Peak No.	Component Name	Retention Time	Area mV*min	Height mV	Type	Amount
1	Methane	0.392	22.283	1248.929	BMb*	58.0126
2	Ethane	0.658	0.083	2.289	bMB	0.2466
3	Ethene	0.950	0.648	12.039	BMB*	2.1461
4	Propane	1.808	0.036	0.311	BMB*	0.1144
5	Propene	3.925	0.016	0.075	BMB*	0.0583
6	iso-Butane	6.300	0.003	0.027	BMB*	0.0101
7	n-Butane	7.475	0.038	0.089	BMB*	0.1147
8	Acetylene	9.192	0.022	0.054	BMB*	0.2048

FID UNITS (Methane thru Acetylene ug/L)
TCD UNITS (Methane ug/L, CO2, O2, N2, CO mg/L)



SRV: P0710189-01A = DMW-55-101107
[CO_2] = 200 mg/L as reported by the laboratory.

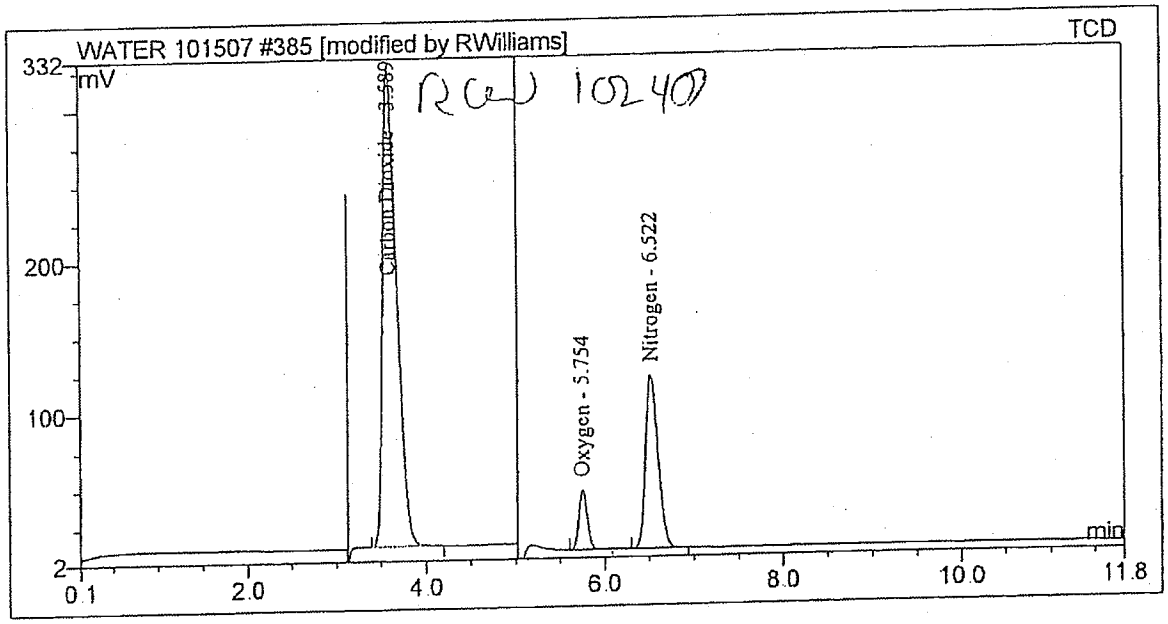
MICROSEEPS

Sample Analysis Report

Sample Name:	P0710189-01A D	**Sequence No:**	385
Sequence Name:	WATER 101507	**Instrument ID:**	BIOREM12
Program Method:	WATER 101507	**Injection vol.:**	1.0
Quantitation Method:	WATER 101507	**Dilution Factor:**	1.0000
Date Time Collected:	10/24/2007 9:05	**Analytical Method:**	PM01C/AM20GAx
System Operator:	RWilliams	**Comment**	

Peak No.	Component Name	Retention Time	Area mV*min	Height mV	Type	Amount
1	Carbon Dioxide	3.589	57.205	313.657	BMB*	195.5537
2	Oxygen	5.754	4.246	38.742	BMB	5.5942
3	Nitrogen	6.522	18.466	113.157	BMB*	22.8227

FID UNITS (Methane thru Acetylene ug/L)
TCD UNITS (Methane ug/L, CO2, O2, N2, CO mg/L)



RCVD 10/24/07

SRV: P0710189-01A = DMW-55-101107

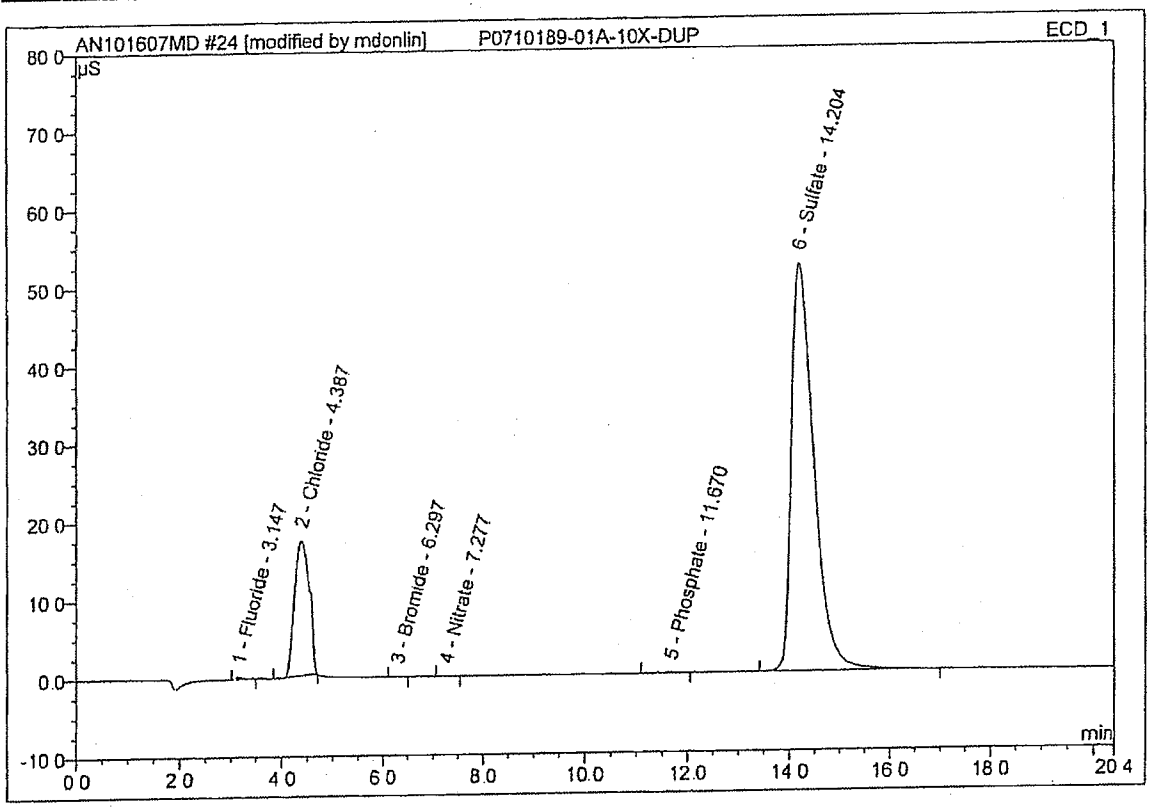
[Sulfate] = 1,000 mg/L as reported by the laboratory.

Operator:mdonlin Timebase:Anions Sequence:AN101607MD

10/17/2007 11:26 AM

24 P0710189-01A-10X-DUP

Sample Name:	**P0710189-01A-10X-DUP**	*Injection Volume:*	**1.0**
Vial Number:	**100**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**as14PN5_v2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**as14PN5**	*Dilution Factor:*	**1.0000**
Recording Time:	**10/16/2007 22:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**20.40**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppm	Type
1	3.15	Fluoride	0.334	0.058	0.18	-0.493	BMB*
2	4.39	Chloride	17.213	5.820	17.78	17.643	BMB*
3	6.30	Bromide	0.043	0.008	0.02	0.823	BMB
4	7.28	Nitrate	0.031	0.007	0.02	0.979	BMB
5	11.67	Phosphate	0.040	0.020	0.06	-0.626	BMB
6	14.20	Sulfate	52.146	26.820	81.94	96.004	BMB*
Total:			69.807	32.732	100.00	114.330	

$96 \times \frac{DF}{10} = 960$ mg/L

HOLDTIME

SDG P0710154

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
MF	MG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/12/2007	10/15/2007	3	3	6
MF	MG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/12/2007	10/15/2007	3	3	6
MF	MG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/12/2007	10/15/2007	3	3	6
ACET	UG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
ACET	UG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
ACET	UG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
ALK	MG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/17/2007	10/17/2007	8	0	8
ALK	MG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/17/2007	10/17/2007	8	0	8
ALK	MG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/17/2007	10/17/2007	8	0	8
CL	MG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
CL	MG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
CL	MG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
MISC	MG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
MISC	MG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
MISC	MG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
MISC	UG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
MISC	UG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
MISC	UG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
NTA	MG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
NTA	MG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
NTA	MG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
NTI	MG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
NTI	MG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
NTI	MG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
PO4	MG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
PO4	MG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
PO4	MG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
PROP	UG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
PROP	UG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
PROP	UG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
SO4	MG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/10/2007	10/10/2007	1	0	1
SO4	MG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/12/2007	10/12/2007	3	0	3
SO4	MG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/12/2007	10/12/2007	3	0	3

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
ETHA	UG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
ETHA	UG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
ETHA	UG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
ETHE	UG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
ETHE	UG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
ETHE	UG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
METH	UG/L	DMW-6D-100907	P0710154-01A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
METH	UG/L	DMW-6I-100907	P0710154-02A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13
METH	UG/L	DMW-9I-100907	P0710154-03A	NM	10/9/2007	10/22/2007	10/22/2007	13	0	13

Chain of Custody Record

P0710151

SEVERN TRENT STL — Severn Trent Laboratories, Inc.

Micro Seeps

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Tetra Tech NUS	Mike Martin	10-5-07	322924
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
20251 Century Blvd STE 200	(301) 975-3022		
City / **State** / **Zip Code**	**Site Contact** / **Lab Contact**		
Germantown / MD / 20874	Walt Pryor		
Project Name and Location (State)	**Carrier/Waybill Number**		
Martin State Airport			
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Other	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Methane/Ethane/Ethene	Filtered Mass Tech	Select Aromatics	Alkalinity	Carbon Dioxide	Beta Elimination	Special Instructions/ Conditions of Receipt
DMW-6D-100507	10-5-07	1044		X				X		X				X	X	X	X	X	X	
DMW-6I-100507	"	1215		X				X		X				X	X	X	X	X	X	
DMW-9I-100907	"	1525		X				X		X				X	X	X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	10-5-07	1800	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

P0710151

Cooler Receipt Form

P0710154

Client: TetraTech NUS Inc Client Code: TetraTechP LabProject #: P0710154

Project: Martin State Airport

Cooler ID: 1

A. Preliminary Examination Phase: Date cooler opened: 10/10/2007

Cooler opened by: dp

1. Was airbill Attached? N/A Airbill #: Carrier Name: FedEx
2. Custody Seals? N/A How many? 0 Location: Seal Name:
3. Seals intact? Yes
4. Screened for radiation? N/A
5. COC Attached? Yes Properly Completed? Yes Signed by employee? Yes
6. Project Identification from custody paper: Martin State Airport
7. Preservative: Yes Temperature: 4

Comments:

B. Log-In Phase: Samples Log-in Date: 10/10/2007 Log-in By: dp

1. Packing Type: Other
2. Were samples in separate bags? N/A
3. Were containers intact? Yes Labels agree with COC? Yes
4. Number of bottles received: 18 Number of samples received: 3
5. Correct containers used? Yes Correct preservatives added? N/A
6. Sufficient sample volume? Yes
7. Bubbles in VOA samples? N/A
8. Was Project manager called and status discussed? N/A

Comments:

Have designate person initial here to acknowledge receipt of cooler: Date: 10/10/7

CASE NARRATIVE
Client: TetraTech NUS
Project Name: Martin State Airport
SDG: DMW-6D-100907
Microseeps Project No.: P0710154

Sample Receipt

Microseeps, Inc. received the sample shipment on 10/10/2007. Copies of the laboratory's cooler receipt forms are enclosed. A summary of the field and laboratory identifications is presented below.

FIELD IDENTIFICATION	LAB IDENTIFICATION
DMW-6D-100907	P0710154-01
DMW-6I-100907	P0710154-02
DMW-9I-100907	P0710154-03

For some of the reporting forms, the sample identifications have been truncated because of space limitations.

A copy of all communications concerning this project has been enclosed.

Sample Analyses

The sample analyses were performed in accordance with Microseeps routine Standard Operating procedures. There were no unusual observances noted during the analysis of these samples

The percent recovery for the matrix spike analyses for iron was outside of control limits. The unspiked sample concentration was approximately 20 times the spike added.

The percent recovery for the batch MS analysis for chloride was outside of control limits. The unspiked sample concentration was over 2 times the spike added. All other QC analyses were acceptable.

Case Narrative

Batch number: M071015008 10/16/07 GRK **Original Run Date:** 10/15/07

Sample numbers: P0710095-01AD->03AD, P0710092-01AD->07AD, P0710093-05AD, 06AD, 07AD, P0710154-01AD->03AD, P0710189-01AD->04AD.

Out of Control Event: P0710095-01AD-MSPK was out for Fe.

Corrective Action Taken: N/A.

Result: N/A.

Observations to support use of data: The concentration of the sample was greater than four times the concentration of the matrix spike for Fe. Accept data.

Manual Integration Checklist and Approval

- Manual Integration approved?: Yes No
- Satisfactorily documented on this narrative?
- Manually integrated chromatogram initialed and dated by analyst?

Signature Lead Analyst or Lab. Mgr. Date

Analyzed & Reviewed by: GRK Date: 10/15/07

Manual Integration Conducted? YES (NO)

(Circle One)

Reviewed by: _____ Date: _____

Reviewed & Entered by: LIMS Date: 10/16/07

Reviewed by: [signature] Date: 10/16/07

Corrected by: _____ Date: _____

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Initial Calibration Source: SCP Sci
Continuing Calibration Source SCP Sci

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Iron-dissolved	1.00	1.017	102	12.50	12.61	101	12.71	102	

(1) Control Limits: Mercury 80-120; other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Initial Calibration Source:
Continuing Calibration Source SCP Sci

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R(1)	Continuing Calibration True	Found	%R(1)	Found	%R(1)	M
Iron-dissolved				12.50	12.76	102			

(1) Control Limits: Mercury 80-120; other Metals 90-110; Cyanide 85-115

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Preparation Blank Matrix (soil/water): Water

Preparation Blank Concentration Units : mg/L

Analyte	Init Calib Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Iron-dissolved	0.050	U	0.043	J	0.050	U	0.050	U	0.050	U	P

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

ICP ID Number: EL99063568 ICS Source: SCP Sci

Concentration Units: mg/L

Analyte	True		Initial Found			Final Found		
	Sol. A	Sol. AB	Sol. A	Sol. AB	%R	Sol. A	Sol. AB	%R
Iron-dissolved	200		151.2	152.4	75.6			

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Solid LCS Source:

Aqueous LCS Source: SCP Sci

Analyte	Aqueous (mg/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Iron-dissolved	5.00	5.013	100						

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-100907

Method: P

EPA Sample No.	Preparation Date	Weight (gram)	Volume (ml)
PBW	10/12/2007		50
LCSW	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
DMW-6D-100907	10/12/2007		50
DMW-6I-100907	10/12/2007		50
DMW-9I-100907	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50
ZZZZZZ	10/12/2007		50

U.S. EPA - CLP
14
ANALYSIS RUN LOG

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Instrument ID Number: EL99063568 Method: P

Start Date: 10/15/2007 End Date: 10/15/2007

EPA Sample No.	D/F	Time	%R	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
ICV	1	09:01		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X	
ICB	1	09:08		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X	
ICSA	1	09:11				X	X		X		X		X		X		X		X	X	X	X	X				
ICSAB	1	09:14				X	X		X		X		X		X		X		X			X				X	
CCV	1	09:17		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X	
CCB	1	09:20		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X	
PBW	1	09:23		X						X				X		X	X			X			X				
LCSW	1	09:26		X						X				X		X	X			X			X				
ZZZZZZ	1	09:29		X						X				X		X	X			X			X				
ZZZZZZ	1	09:32		X						X				X		X	X			X			X				
ZZZZZZ	1	09:35		X						X				X		X	X			X			X				
ZZZZZZ	1	09:38		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X	
ZZZZZZ	1	09:41		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X	
ZZZZZZ	1	09:44		X		X	X		X		X		X	X	X	X	X		X	X	X	X	X			X	
ZZZZZZ	1	09:47		X		X	X		X		X		X	X	X	X	X		X	X	X	X	X			X	
ZZZZZZ	1	09:50		X		X	X		X		X		X	X	X	X	X		X	X	X	X	X			X	
CCV	1	09:53		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X	
CCB	1	09:56		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X	
ZZZZZZ	40	09:59																									
ZZZZZZ	10	10:02																									
ZZZZZZ	5	10:05																									
ZZZZZZ	10	10:08																									
ZZZZZZ	10	10:11																									
ZZZZZZ	1	10:14												X													
ZZZZZZ	1	10:17												X													
DMW-6D-100907	1	10:20												X													
DMW-61-100907	1	10:23												X													
DMW-9I-100907	1	10:26												X													
CCV	1	10:29		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X	
CCB	1	10:32		X		X	X		X	X	X		X	X	X	X	X		X	X	X	X	X			X	

CASE NARRATIVE

Batch Number: M071012006

Original Run Date: 10-10-07

Sample Numbers: P0710154-1⇒3, P0710155-1⇒7, P0710093-1⇒4,6,7
P0710095-3, P0710099-2

Out of Control Event: ① Some samples were over the calibration range.

Corrective Action Taken: ① Dilutions will either be analyzed at a later date or were analyzed in this run.

Result:

Observations to support use of data:

Manual Integration Checklist and Approval	
Manual Integration approved? Yes No Satisfactorily documented on this narrative? Manually integrated chromatogram initialed and dated by analyst?	
Signature Lead Analyst or Lab Mgr.	Date

Analyzed and Reviewed by:	MM	Date:	10-12-07
Manual Integration Conducted?		YES	NO
Reviewed by:		Date:	
Reviewed and Entered by:	RW	Date:	10/12/07
Reviewed by:		Date:	
Corrected by:		Date:	

CASE NARRATIVE P0710154

Original Run Date:

Batch Number: M071017022

Sample Numbers: P0710189-1⇒4, P0710191-1⇒3, P0710154-2,3
P0710093-4

Out of Control Event: ① Sample P0710093-04 was over the calibration range. P0710154-2+3
② First CCV out of acceptance criteria for P04

Corrective Action Taken: ① ASX dilution was analyzed.
② Samples P0710189-1⇒4 will be reanalyzed

Result: ① Result in range.

Observations to support use of data:

Manual Integration Checklist and Approval

Manual Integration approved? Yes No
Satisfactorily documented on this narrative?
Manually integrated chromatogram initialed and dated by analyst?

Signature Lead Analyst or Lab Mgr. Date

Analyzed and Reviewed by: MD Date: 10-17-07

Manual Integration Conducted? YES NO

Reviewed by: Date:

Reviewed and Entered by: AW Date: 10/18/07

Reviewed by: Date:

Corrected by: Date:

Case Narrative/BIOREM 12

Analytical Method: AM20Gax **Batch Number Original Run Date:** 10/22/07

Light Hydrocarbons (C_1-C_4) M071022001
Permanent Gases (CO_2, O_2, N_2, CH_4, CO) M071022002

1. Sample numbers:

P0710149 (01-03)
P0710151 (01)
P0710153 (01-02)
P0710154 (01-03)
P0710156 (01-03)
P0710173 (08-12)
P0710174 (04-06)

2. Out of Control Event:
i. Manual integrations are due to the software not compensating for baseline flucuations.

3. Corrective Action Taken:
i. None

4. Result:
i. Analysis OK

5. Observations to support use of data: NA
i. None

Manual Integration Checklist and Approval

- **Manual Integration approved?** Yes No
- **Satisfactorily documented on this narrative?**
- **Manually integrated chromatogram initialed and dated by analyst?**

Signature Lead Analyst or Lab. Mgr. 102307 Date

Analyzed & Reviewed by: RCW **Date:** 10207

Manual Integration Conducted? Yes

Reviewed by: [signature] **Date:** 102307

Reviewed & Entered by: LIMS UPLOAD **Date:** 10207

Reviewed by: _____ **Date:** _____

Corrected by: _____ **Date:** _____

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Initial Calibration Source: AccuStd
Continuing Calibration Source:

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R	Continuing Calibration True	Found	%R	Found	%R	M
Chloride	10.0	9.980	99.8						
Nitrate	10.0	9.101	91.0						
Nitrite	10.0	9.702	97.0						
Phosphate	10.0	9.686	96.9						
Sulfate	10.0	9.837	98.4						

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Initial Calibration Source:
Continuing Calibration Source: CPI

Concentration Units: mg/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R	Continuing Calibration Found	Continuing Calibration %R	M
Chloride				10.0	10.338	103	9.685	96.8	
Nitrate				10.0	9.388	93.9	9.342	93.4	
Nitrite				10.0	9.555	95.6	9.545	95.5	
Phosphate				10.0	6.773	X 67.7	9.945	99.4	
Sulfate				10.0	9.852	98.5	10.740	107	

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Initial Calibration Source:
Continuing Calibration Source: CPI

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R	Continuing Calibration True	Found	%R	Found	%R	M
Chloride				10.0	10.095	101			
Nitrate				10.0	9.357	93.6			
Nitrite				10.0	9.612	96.1			
Phosphate				10.0	10.229	102			
Sulfate				10.0	10.755	108			

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Initial Calibration Source:

Continuing Calibration Source: CPI

Concentration Units: mg/L

Analyte	Initial Calibration			Continuing Calibration					M
	True	Found	%R	True	Found	%R	Found	%R	
Sulfate				10.0	9.875	98.8	9.806	98.1	

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Initial Calibration Source:
Continuing Calibration Source: CPI

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R	Continuing Calibration True	Found	%R	Found	%R	M
Sulfate				10.0	10.800	108			

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Initial Calibration Source: Scotty
Continuing Calibration Source:

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R	Continuing Calibration True	Found	%R	Found	%R	M
Methane	24.79	25.79	104						
Ethane	48.14	48.27	100						
Ethene	53.55	54.49	102						
Propane	68.54	74.76	109						
Propene	79.76	78.16	98.0						
iso-Butane	84.46	89.16	106						
n-Butane	88.23	90.25	102						
Acetylene	74.31	78.98	106						
Carbon dioxide	107.4	108.52	101						
Methane	4294	4486	104						
Acetylene	74.31	78.21	105						

U.S. EPA - CLP
2A
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Initial Calibration Source:
Continuing Calibration Source: Spectra

Concentration Units: mg/L

Analyte	Initial Calibration True	Found	%R	Continuing Calibration True	Found	%R	Found	%R	M
Methane				24.79	28.11	113	26.62	107	
Ethane				48.14	52.63	109	49.82	103	
Ethene				53.55	59.58	111	56.57	106	
Propane				68.54	81.98	120	78.03	114	
Propene				79.76	85.81	108	82.02	103	
iso-Butane				84.46	98.29	116	92.96	110	
n-Butane				88.23	98.58	112	90.99	103	
Acetylene				74.31	81.86	110	74.09	99.7	
Carbon dioxide				107.4	110.81	103	109.89	102	
Methane				4294	4506	105	4526	105	

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Chloride	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	
Nitrite	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	
Nitrate	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	
Sulfate	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	
Phosphate	1.00	U	1.00	U	1.00	U	1.00	U	1.00	U	

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Chloride			1.00	U							
Nitrate			0.50	U							
Nitrite			0.50	U							
Phosphate			1.00	U							
Sulfate			1.00	U							

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Alkalinity as CaCO3									2.0	J	

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Alkalinity as CaCO3									1.0	J	

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Sulfate			1.00	U	1.00	U	1.00	U	1.00	U	

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-100907

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Sulfate			1.00	U							

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-100907

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units ug/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Acetylene	0.500	U	0.500	U					0.500	U	
iso-Butane	0.050	U	0.050	U					0.050	U	
Ethane	0.025	U	0.025	U					0.025	U	
Ethene	0.025	U	0.025	U					0.025	U	
n-Butane	0.050	U	0.050	U					0.050	U	
Propane	0.050	U	0.050	U					0.050	U	
Propene	0.050	U	0.050	U					0.050	U	
Methane	0.100	U	0.100	U					0.100	U	

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Preparation blank Matrix (soil/water) Water

Preparation Blank Concentration Units mg/L

Analyte	Init Calib. Blank	C	Continuing Calibration Blank 1	C	2	C	3	C	Preparation Blank	C	M
Carbon dioxide	5.00	U	5.00	U					5.00	U	

U.S. EPA - CLP
5A
SPIKE SAMPLE RECOVERY

EPA Sample No.
DMW-5S-101107

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710189 Case No.: Martin State Airport SAS No.: SDG No.: DMW-5D-10110

Matrix (soil/water): Water Level (low/med):

% Solids for Sample:

Concentration Units : mg/L

Analyte	Control Limit %R	Spike Sample Result	C	Sample Result	C	Spike Added	%R	Q	M
Chloride	70-130	193.4		164.6		50.0	57.6		
Nitrite	70-130	9.685		2.128		10.0	75.6		
Nitrate	70-130	9.434		1.070		10.0	83.6		
Phosphate	70-130	11.999		1.00	U	10.0	120		

Comments:

EPA Sample No.
DMW-9I

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Matrix (soil/water): Water Level (low/med):
% Solids for Sample: % Solids for Duplicate:
Concentration Units : mg/L

Analyte	Control Limit	Sample	C	Duplicate	C	RPD	Q	M
Alkalinity as CaCO3	0-20	70.7		72.7		2.79		

EPA Sample No.
LCS

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Matrix (soil/water): Water Level (low/med):

% Solids for Sample: % Solids for Duplicate:

Concentration Units: ug/L

Analyte	Control Limit	Sample	C	Duplicate	C	RPD	Q	M
Ethane	0-20	51.54		51.56		0.04		
Ethene	0-20	47.84		48.03		0.40		
Propane	0-20	75.42		75.49		0.09		
Propene	0-20	68.80		69.42		0.90		
Acetylene	0-20	39.67		42.09		5.92		
iso-Butane	0-20	100.44		100.12		0.32		
n-Butane	0-20	97.14		98.09		0.97		
Methane	0-20	842.1		871.4		3.42		

EPA Sample No.
LCS

Lab Name: Microseeps, Inc. Contract: 1024686
Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Matrix (soil/water): Water Level (low/med):
% Solids for Sample: % Solids for Duplicate:
Concentration Units : mg/L

Analyte	Control Limit	Sample	C	Duplicate	C	RPD	Q	M
Carbon dioxide	0-20	147.77		152.87		3.39		

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Solid LCS Source:

Aqueous LCS Source: CPI

Analyte	Aqueous				Solid (mg/Kg)					
	Units	True	Found	%R	True	Found	C	Limits		%R
Chloride	mg/L	10.0	10.404	104						
Nitrite	mg/L	10.0	9.828	98.3						
Nitrate	mg/L	10.0	9.593	95.9						
Sulfate	mg/L	10.0	10.759	108						
Phosphate	mg/L	10.0	8.375	83.8						

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Solid LCS Source:

Aqueous LCS Source: ERA

Analyte	Aqueous				Solid (mg/Kg)					
	Units	True	Found	%R	True	Found	C	Limits		%R
Alkalinity as CaCO3	mg/L	96.2	101	105						

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No : DMW-6D-10090

Solid LCS Source:

Aqueous LCS Source: CPI

Analyte	Aqueous				Solid (mg/Kg)					
	Units	True	Found	%R	True	Found	C	Limits		%R
Sulfate	mg/L	10 0	10.740	107						

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Solid LCS Source:

Aqueous LCS Source: Spectra

Analyte	Aqueous				Solid (mg/Kg)					
	Units	True	Found	%R	True	Found	C	Limits		%R
Acetylene	ug/L	36.10	39.67	110						
iso-Butane	ug/L	80.58	100.4	124						
Ethane	ug/L	41.68	51.54	124						
Ethene	ug/L	38.89	47.84	123						
n-Butane	ug/L	80.58	97.14	120						
Propane	ug/L	61.13	75.42	123						
Propene	ug/L	58.33	68.80	118						
Methane	ug/L	822.8	842.1	102						

P0710154

LABORATORY CONTROL SAMPLE

Lab Name: Microseeps, Inc. Contract: 1024686

Lab Code: P0710154 Case No.: Martin State Airport SAS No.: SDG No.: DMW-6D-10090

Solid LCS Source:

Aqueous LCS Source: Spectra

Analyte	Aqueous				Solid (mg/Kg)					
	Units	True	Found	%R	True	Found	C	Limits		%R
Carbon dioxide	mg/L	129.3	147.77	114						