Semiannual Groundwater Monitoring Report
Second Quarter and Third Quarter 2006
Lockheed Martin Corporation, Beaumont Site 2
Beaumont, California

Prepared for:

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February 26, 2007

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Subject: **Submittal of *Semiannual Groundwater Monitoring Report, Second Quarter and Third Quarter 2006, Lockheed Martin Corporation, Beaumont Site 2, Beaumont, California***

Please find enclosed one (1) copy of the *Semiannual Groundwater Monitoring Report, Second Quarter and Third Quarter 2006, Lockheed Martin Corporation, Beaumont Site 2, Beaumont, California*. This report documents groundwater monitoring activities performed for the Second Quarter and Third Quarter of 2006 at Beaumont Site 2. Also enclosed is an electronic copy of the document.

If you have any questions regarding this submittal, please contact me at 818-847-0197.

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Senior Manager, Environmental Remediation

Enclosures

C: Daniel Zogaib, DTSC – 2 copies

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February 2007
TC 18089-04

Prepared for
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1.0 INTRODUCTION

This Semiannual Groundwater Monitoring Report (Report) prepared by Tetra Tech, Inc. (Tetra Tech), on behalf of Lockheed Martin Corporation (LMC), presents the results of the Second Quarter and Third Quarter 2006 groundwater quality monitoring activities of the Beaumont Site 2 (Site) Groundwater Monitoring Program (GMP). The Site is located southwest of the City of Beaumont, Riverside County, California (Figure 1-1). Currently, the Site is inactive with the exception of ongoing investigative activities performed under Consent Order (88/89-034) with the Department of Toxic Substances Control (DTSC).

The objectives of this Report are to:

- Present the most current Conceptual Site Model (CSM),
- Document the water quality monitoring procedures and results,
- Analyze and evaluate the water quality monitoring data generated.
- Analyze and evaluate the results of the tentatively identified compound (TIC) search performed, and
- Re-evaluate the current Site GMP.

This Report also includes Site background and an evaluation of the current groundwater monitoring program at the Site. This Report contains the following: data validation criteria and results; tabulated groundwater elevation and water quality data; water level hydrographs; a groundwater elevation map; perchlorate and trichloroethene (TCE) concentration distribution maps; and time-series graphs.

1.1 SITE BACKGROUND

The Site is a 2,668-acre parcel located southwest of Beaumont, California. The parcels that comprise the Site were owned by individuals and the United States (U.S.) government prior to 1958. Between 1958 and 1960, portions of the Site were purchased by the Grand Central Rocket Company (GCR) and utilized as a remote test facility for early space and defense program efforts. In 1960, Lockheed Aircraft Corporation (LAC) purchased one-half interest in GCR. GCR became a wholly-owned subsidiary of LAC in 1961. The remaining parcels of land that comprise the Site were purchased from the U.S. government between 1961 and 1964. In 1963, Lockheed Propulsion Company (LPC) became an operating division of LAC and was responsible for the operation of the Site until its closure in 1974. The Site was utilized by GCR and LPC from 1958 to 1974 for small rocket motor assembly, testing operations, propellant incineration, and minor disposal activities. Ogden Labs is known to have leased portions of the Site in the 1970s (Radian, 1986a).

0 3 6 Miles

Adapted from:

U.S. Census Bureau TIGER line data, 2000.

LEGEND

National Weather Service Station

LMC Property Boundary

Beaumont Site 2

Figure 1-1
Regional Location of Beaumont Site 2

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In 1989, the DTSC issued a consent order requiring LMC to cleanup contamination at the Site related to past testing activities (CDHS, 1989). Based on investigative and cleanup activities performed at the Site, the DTSC issued a no further remedial action letter to LMC in 1993.

Based on regulatory interest in perchlorate and 1,4-dioxane, a groundwater sample was collected from an inactive groundwater production well (identified as W2-3) at the Site in January 2003 (Tetra Tech, 2003). The sample was analyzed for volatile organic compounds (VOCs), perchlorate, and 1,4-dioxane to determine the potential presence and concentration of these chemicals in groundwater. The analytical results indicated that VOCs and 1,4-dioxane were not present at or above their respective laboratory reporting limits (LRLs). However, perchlorate was reported at a concentration of 4,080 micrograms per liter (µg/L), which exceeded the California Department of Health Services drinking water notification level (DWNL) of 6 µg/L. Based on the detection of perchlorate in the groundwater sample collected, the DTSC reopened the Site for further assessment.

Four (4) primary historical operational areas have been identified at the Site. A Site historical operational areas and features map is presented as Figure 1-2. Each historical operational area was responsible for various activities associated with rocket motor assembly, testing, and propellant incineration. A brief description of each historical operational area follows:

Historical Operational Area J –Final Assembly

Rocket motor casings with solid propellant were transported to Building 250 (Historical Operational Area J) where final assembly of the rocket hardware was conducted. The building was used from 1970 to 1974 for final assembly and shipment of short range attack missile rocket motors. Rocket motor assembly operations included installation of the nozzle and headcap, pressure check of the motor, installation of electrical systems, and preparations for shipment. During plant closure in 1974, all usable parts of this facility were dismantled, taken off site, and sold (Radian, 1986a).

Historical Operational Area K – Test Bays and Miscellaneous Facilities

Historical Operational Area K consisted of conditioning chambers, a control bunker, a centrifuge, and four (4) test bays. Also located in this area is a flat-topped prism shaped soil mound that was used for experiments with remote sensing equipment. In 2006, a former employee indicated that General Dynamics fastened a radar device to the bottom of a balloon and positioned it above the earthen mound in an attempt to image the interior of the mound. The conditioning chambers were used to examine the effects of extreme temperatures on rocket motors and to meet specification requirements. The centrifuge

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0 1,000 2,000 3,000 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

- Inactive Production Well Location
- LMC Property Boundary
- Historical Operational Area Boundary

Note: Beaumont Site 2 property boundary from Hillwig-Goodrow survey, May 2004.

Disposal and Propellent Burn Site perimeters are estimated (Radian, 1986a).

Beaumont Site 2

Figure 1-2
Historical Operational Areas and Site Features

Tetra Tech, Inc. February 2007

was located in the western test bay, where rocket motors were tested in order to determine if the solid propellant would separate from its casing under increased gravitational forces (i.e., g-forces). The initial testing activities had a history of explosions that destroyed complete test areas, especially during the period when GCR operated at the Site. As the technology became better understood, motor failures occurred less often. Following any motor failure, the hillsides were reportedly thoroughly policed to recover any unburned solid propellant (Radian, 1986a).

Historical Operational Area L – Burn Area

Solid propellant reportedly was transported to the burn area (Historical Operational Area L) and set directly on the ground surface for burning. No pits or trenches were dug as part of the burning process. The solid propellant was saturated with diesel fuel to initiate combustion. Reportedly, the solid propellant would burn rapidly. There is no evidence or physical features that identify the precise location of burning activities (Radian, 1986a).

Historical Operational Area M – Garbage Disposal Site

A garbage disposal site (Historical Operational Area M) was located adjacent to a small creek at the Site. Scrap metal, paper, wood, and concrete materials were disposed of at the disposal site by LPC. Hazardous materials, including explosives and propellants, were never disposed of at this disposal site by LPC (according to employee interviews). Ogden Labs, a company that tested valves and explosive items, also used this disposal site. Reportedly, Ogden Labs disposed of hazardous waste at the garbage disposal site. In 1972, a Lockheed Safety Technician was exposed to toxic vapors of unsymmetrical dimethyl hydrazine from a pressurized gas container located within the disposal site. Based on potential exposure risks to occupants, LPC's safety group required Ogden Labs to take measures to remove any potentially hazardous materials at the disposal site. Shortly thereafter, a disposal company was contracted by Ogden Labs to clean up the disposal site (Radian, 1986a).

1.2 PREVIOUS ENVIRONMENTAL ACTIVITIES

Reports and documentation regarding previous environmental activities (i.e., soil/groundwater investigations, excavations, regulatory agency correspondence, etc.) were reviewed to provide a historical environmental evaluation of the Site. The review focused upon identifying activities conducted at the Site that would describe specific findings regarding chemical impacts to groundwater. Previous investigations reviewed included a preliminary remedial investigation (Radian, 1986b); remedial action plan (Radian, 1992a); hydrogeologic study (Radian, 1992b); disposal area removal action report (Radian, 1993); monitoring well destruction report (LMC, 1995); and a letter report for groundwater sampling results

from historical production well W2-3 (Tetra Tech, 2003). These reports are briefly summarized in the following subsections. A map of the Site is presented as Figure 1-3.

1.2.1 Preliminary Remedial Investigation

In October 1986, Radian Corporation (Radian) conducted a remedial groundwater and geophysical investigation at the Site (Radian, 1986b). The objective of the remedial investigation was to determine the potential presence and lateral extents of possible contaminants in the groundwater beneath the Site.

The remedial groundwater investigation was to include sampling four (4) of the existing groundwater production wells (designated W2-1, W2-2, W2-3, and W2-5 and shown on Figure 1-3) at the Site. However, only well W2-3, located upgradient of the probable surface propellant burn area (Historical Operational Area L) was accessible during this investigation. A sample was collected from well W2-3 and analyzed for purgeable hydrocarbons using U.S. Environmental Protection Agency (EPA) Method 601. TCE was reported at a concentration of 4.2 µg/L in the sample.

1.2.2 Hydrogeologic Study

In 1992, Radian performed a hydrogeologic study at the Site to assess potential source areas and to characterize subsurface soil and groundwater conditions (Radian, 1992b). The study included groundwater well installation and sampling.

During this study, four (4) groundwater monitoring wells (designated MW2-2, MW2-4, MW2-5, and MW2-6) were installed at the Site (Figure 1-3). MW2-2 was located approximately 400 feet southeast of the historical propellant burn area and downgradient of the historical disposal area. MW2-4 was the furthest downgradient well and was located approximately 800 feet south of the historical propellant burn area. Wells MW2-5 and MW2-6 were located approximately 2,600 feet and 800 feet, respectively, south of the historical Final Assembly Building area.

Groundwater monitoring wells MW2-2, MW2-4, MW2-5, and MW2-6, along with three (3) of the existing production wells (W2-3, W2-4, and W2-5), were sampled during this study and analyzed for halogenated volatile organics, aromatic volatile organics, semivolatile organic compounds (SVOCs), metals, and perchlorate. Laboratory results for halogenated and aromatic volatile organics analysis indicated that none were present above their respective detection limits in groundwater samples collected. Inorganic analytical results were also less than the detection limits for all metals except zinc, which ranged from 1,600 to 2,100 µg/L. Perchlorate was reported in one (1) sample, collected from production well W2-3 located downgradient of test bays, at a concentration of 3,300 µg/L.

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0 1,000 2,000 3,000 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

- Groundwater Monitoring Well Location
- Inactive Production Well Location
- Destroyed Monitoring Well Location
- LMC Property Boundary
- Historical Operational Area Boundary

Note: Beaumont Site 2 property boundary from Hillwig-Goodrow survey, May 2004.

Beaumont Site 2

Figure 1-3
Site Map

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1.2.3 Disposal Area Removal Action

An electromagnetic survey (Radian, 1993) was conducted to determine the location and boundary of the historical garbage disposal area (Historical Operational Area M). Subsurface anomalies were detected in the center portion of Historical Operational Area M in an area approximately 250 wide by 450 feet long. In order to visually confirm the presence of debris, a total of 12 hand-auger borings were advanced to depths ranging from between 3 to 5.5 feet below ground surface (bgs). Based on hand-auger sampling activities, subsurface debris coincided with the surface debris area. Subsequently, three (3) trenches were excavated (designated north, central, and south) to approximately 5 to 8 feet bgs across the debris area. A total of nine (9) soil samples were collected and analyzed for VOCs, SVOCs, and metals. Neither VOCs nor SVOCs were reported above their respective detection limits. All metals results were below the 10 times Soluble Threshold Limit Concentration guidelines. An excavation was performed to remove all debris. A total of 816 tons of debris was removed and disposed of off-site. Three (3) perimeter confirmation soil samples were collected and analyzed for VOCs, SVOCs, and metals. All results were below their respective guidelines. The excavation was backfilled to surrounding grade. Excavation activities were performed under the supervision of the DTSC (Radian 1993).

1.2.4 Remedial Action Certification Letter

The DTSC issued a Remedial Action Certification Form on July 20, 1993 in a letter titled *Remedial Action Certification for Lockheed Beaumont No. 2, Beaumont, California*. Based on the information known at the time of the letter, the DTSC stated that appropriate response actions had been completed, that all acceptable engineering practices were implemented, and that no further removal/remedial action was necessary.

1.2.5 Monitoring Well Destruction Report

Based on the July 20, 1993 Remedial Action Certification letter issued by DTSC, groundwater monitoring wells MW2-2, MW2-4, MW2-5, and MW2-6 were destroyed (LMC, 1995). Prior to destruction activities in 1995, the four (4) monitoring wells were sampled and analyzed for VOCs using EPA methods 8010 and 8020. VOC concentrations were not reported above their respective LRLs.

Well destruction activities were performed in accordance with an abandonment work plan approved by the California Regional Water Quality Control Board and in compliance with the County of Riverside Department of Environmental Health Services and California Department of Water Resources Bulletin 74-90 guidelines. The wells were destroyed using a neat cement/bentonite injection technique, cutting,

capping, and removal of the top 5 feet of casing through excavation, and backfilling the excavation area with native clean soils.

1.2.6 Groundwater Sampling Results From Historical Production Well W2-3

In January 2003, Tetra Tech collected a groundwater sample to confirm the historical detection of perchlorate in the groundwater sample collected from the Site (Tetra Tech, 2003). Field activities included the location and identification of existing production wells, recording the physical condition of each well, and groundwater sampling and analysis. Two (2) of the four (4) production wells, W2-3 and W2-5, were visually identified at the Site. The depth to groundwater measured in well W2-3 was 45.65 feet below the top of the casing (btoc) and the total depth of well W2-3 was 209.94 feet btoc. Well W2-5 was dry with a total measured depth of 86.12 feet btoc. Based on historical documents, total well depth of W2-5 was reported to be 500 feet btoc. A visual inspection with a mirror identified an obstruction in well W2-5, possibly consisting of dirt and debris. Therefore, only well W2-3 was sampled.

As discussed in Section 1.1, a groundwater sample was collected from W2-3 and analyzed for VOCs, perchlorate and 1,4-dioxane. Concentrations of VOCs and 1,4-dioxane were not reported above their respective LRLs. Perchlorate was reported at a concentration of 4,080 µg/L in the groundwater sample.

1.3 RECENT ENVIRONMENTAL ACTIVITIES

The following subsections discuss recent environmental activities that have been planned and implemented since the no further action letter was rescinded and characterization was reinitiated at the Site.

1.3.1 Geophysical Surveys

Based on observations made during installation of monitoring wells TT-MW2-1, TT-MW2-2, TT-MW2-3, TT-MW2-4S and TT-MW2-4D and the results of groundwater sampling, it was decided that determining the boundary between unconsolidated alluvium and underlying material (e.g., the San Timoteo Formation) is important to future groundwater investigations at the Site. While unconsolidated alluvium and underlying materials at the Site are similar in color and grain size, differences in density should exist. Seismic geophysical surveys have proven to be a useful tool for imaging boundaries between materials with different densities.

Prior to full-scale geophysical survey, a geophysical pilot test was performed in April 2005 to evaluate the effectiveness of seismic surveys to image the contact between alluvium and shallow San Timoteo Formation and potential geologic structure. The pilot test consisted of three (3) vertical seismic profiles and one (1) horizontal seismic survey. Vertical profiles were used to determine formation velocities in

the vicinity of selected monitoring wells with subsequent comparison of those to data collected during the drilling of each well. The horizontal seismic survey (refraction and reflection) was oriented across the valley floor and completed at a previously drilled location (TT-MW2-3) that contacted the San Timoteo Formation at greater than 100 feet bgs. The surveys were successful in imaging the contact between alluvium and shallow San Timoteo Formation and potential geologic structure.

Between September 2005 and January 2006, geophysical surveys were performed at the Site to help in refining the CSM and as an aid to future groundwater monitoring well placement. Based on the successful results of the geophysical pilot test, depths to boundaries between different velocity zones were estimated, and a geophysical survey was subsequently performed. The geophysical survey consisted of 10 horizontal seismic profiles. Eight (8) of the profiles were oriented across the valley floor and two (2) profiles were oriented approximately parallel to the valley floor (i.e., perpendicular to the other profiles). In general, the results of the geophysical survey correlated well with the geophysical pilot test and refinement of the CSM's alluvial zone into unconsolidated and slightly consolidated zones was possible. A complete description of the geophysical field activities was included in the *Groundwater Monitoring Well Installation Work Plan* and submitted to the DTSC on April 18, 2006.

1.3.2 Downgradient Well Installations

In November 2005, Tetra Tech prepared a letter work plan describing proposed activities to install downgradient groundwater monitoring wells approximately 2,500 feet south of the TT-MW2-4S/D well nest at a narrow point in the canyon. The work plan was subsequently approved in a letter from the DTSC dated November 16, 2005. Between November and December 2005, Tetra Tech installed three (3) groundwater monitoring wells (TT-MW2-5, TT-MW2-6S and TT-MW2-6D) at the proposed location. The newly installed monitoring wells were sampled as part of the Fourth Quarter 2005 groundwater monitoring activities.

Due to the detection of perchlorate concentrations above the DWNL in groundwater samples collected from wells TT-MW2-5 and TT-MW2-6S, installation of two (2) additional groundwater monitoring wells and one (1) piezometer downgradient of TT-MW2-5 and TT-MW2-6S/D at the property boundary was proposed. In response to comments received from the DTSC (DTSC,), a comment response letter and a revised letter report and supplemental work plan documenting the field activities, results of the groundwater sampling and proposed additional well installations was prepared and submitted to the DTSC on July 6, 2006.

In addition to the plans to further delineate the downgradient water quality, a work plan describing proposed activities to install groundwater monitoring wells at 10 locations across Historical Operational Areas J, K, L and M (titled *Groundwater Monitoring Well Installation Work Plan*) was submitted to the DTSC on April 18, 2006.

Installation of the proposed downgradient groundwater monitoring wells and piezometer and groundwater monitoring wells at the 10 other locations across Historical Operational Areas J, K, L and M occurred between August and November 2006. A report is in preparation which describes the well installations and initial groundwater sampling results collected from the newly installed wells.

1.4 GROUNDWATER MONITORING PROGRAM

Quarterly water level measurements and water quality monitoring have taken place at the Site since September 2004. The GMP for Second Quarter and Third Quarter 2006 includes quarterly groundwater level measurements and water quality monitoring from eight (8) groundwater monitoring wells.

Water levels measurements and sampling are performed in accordance with procedures described in the January 2004 *Groundwater Monitoring Well Installation Work Plan* prepared by Tetra Tech (Tetra Tech, 2004a) as approved by DTSC. Groundwater samples are analyzed for VOCs and perchlorate. Selected testing for Title 22 metals and general minerals was also previously performed. Figure 1-3 shows the locations of groundwater monitoring wells at the Site sampled as part of the GMP and Appendix A presents tabular summaries of groundwater monitoring analytical results.

2.0 CONCEPTUAL SITE MODEL

The following subsections describe the conceptual model for the Site prior to the Second Quarter 2006 groundwater monitoring event. This discussion is divided into four main subsections: physical setting, geology, hydrogeology, and distribution of affected groundwater.

2.1 PHYSICAL SETTING

The Site is located at the northern end of the Peninsular Range Geomorphic Province (Harden, 1998). The Peninsular Range is a large block uplifted abruptly along its eastern edge and tilted westward. The province has a subtle northwest trend expressed by its higher mountains and longer valleys (Figure 2-1) (Sharp, 1975). The Site is primarily located within the confines of the Laborde Canyon valley floor which lies between the western foothills of the San Jacinto Mountains to the southwest and a "Badlands" topographic area to the northwest. The "Badlands," refers to areas of relatively soft sedimentary sandstone and siltstone deeply incised into canyons by runoff. Onsite elevations range from approximately 2,500 feet above mean sea level (msl) on the ridges at the northern boundary to about 1,800 feet msl near the mouth of Laborde Canyon to the south.

2.1.1 Precipitation

Southern California has a Mediterranean climate which is characterized by mild wet-winters and warm dry-summers. The wettest months at the Site are December through March. The Riverside County Flood Control District has two weather stations in the general area of the Site, the Beaumont National Weather Service (NWS) station and the San Jacinto NWS station. The locations of the stations are included in Figure 1-1 and Table 2-1 presents a monthly and annual summary of the precipitation data.

2.1.2 Surface Water

The Site is bisected by Laborde Canyon, which traverses a north-south pathway through the area. Laborde Canyon forms the principal drainage course through the Site and allows ephemeral storm water to drain southward toward the San Jacinto Valley. The watershed area, including the canyon itself, is ephemeral in nature and remains dry when there is no rainfall, consequently surface water at the site is also ephemeral in nature.

2.2 GEOLOGY

The following subsections describe the regional and local geology in the area of the Site based on previous investigations and reports.

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Adapted from:

USGS 7.5' Topographic Quadrangle, El Casco. 1979.

Faults from Geologic Map of California - Santa Ana Sheet
California Division of Mines and Geology, 1966.

LEGEND

- Beaumont Site 2 Property Boundary
- Intermittent Creek/Drainage
- Fault

Note: Beaumont Site 2 property boundary from Hillwig-Goodrow survey, May 2004.

Beaumont Site 2

Figure 2-1

Physical Setting

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Table 2-1 Summary of Precipitation – Beaumont and San Jacinto NWS Monitoring Stations, Beaumont Site 2

Beaumont NWS Monitoring Station (for the years 1888 - 2005)														
Precipitation (inches)	**Jul.**	**Aug.**	**Sep.**	**Oct.**	**Nov.**	**Dec.**	**Jan.**	**Feb.**	**Mar.**	**Apr.**	**May**	**Jun.**	**Mean Monthly**	**Annual Total**
Mean	0.09	0.23	0.29	0.62	1.17	1.98	2.85	2.90	2.54	1.03	0.53	0.09	1.20	14.28
Median	0.00	0.00	0.00	0.08	0.77	1.40	1.85	2.28	1.62	0.52	0.10	0.00	1.16	13.77
Maximum	2.10	2.80	4.41	6.82	4.99	14.43	18.80	12.81	11.20	9.10	4.83	1.70	3.30	39.60
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
San Jacinto NWS Monitoring Station (for the years 1886 - 2005)														
Precipitation (inches)	**Jul.**	**Aug.**	**Sep.**	**Oct.**	**Nov.**	**Dec.**	**Jan.**	**Feb.**	**Mar.**	**Apr.**	**May**	**Jun.**	**Mean Monthly**	**Annual Total**
Mean	0.10	0.20	0.29	0.54	0.95	1.47	2.17	2.14	1.93	0.86	0.36	0.06	0.93	11.01
Median	0.00	0.00	0.00	0.15	0.68	1.06	1.49	1.53	1.40	0.47	0.10	0.00	0.85	10.07
Maximum	1.50	2.32	4.73	5.64	6.47	11.29	13.70	10.30	7.80	6.89	3.40	1.00	2.33	28.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Notes:

NWS - National Weather Service.

2.2.1 Regional Geology

The regional stratigraphy in the vicinity of the Site has been described and mapped by Dibblee (Dibblee, 1981). Geologic units, from oldest to youngest, consist of the basement complex of late Paleozoic to middle Mesozoic age meta-sedimentary rocks and Mesozoic granitic rocks; non-marine sedimentary rocks of the Tertiary (Pliocene to Pleistocene) Mount Eden Formation overlain by the non-marine Tertiary sandstones and siltstones of the San Timoteo Formation; and Quaternary alluvium (Radian, 1990). Figure 2-2 presents the regional geology of the area depicting the San Timoteo Formation as the "undivided Pliocene nonmarine" unit and Quaternary alluvium as "alluvium." While Quaternary alluvium appears present in canyons at the Site, the source of Figure 2-2 is a regional geologic map at a resolution that does not show such local details.

2.2.2 Local Geology

Findings from geologic studies conducted at the Site are consistent with the regional geologic mapping performed by Dibblee (1981). In general, there are two (2) stratigraphic units present beneath the Site: the Quaternary alluvium and San Timoteo Formation (weathered and unweathered portions). Based on the results of the seismic profiles, stratigraphy at the Site consists of:

- Dry, unconsolidated alluvium (silt and sand);
- Dry, slightly consolidated alluvium (silt and sand);

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0 1,000 2,000 3,000 Feet

Adapted from:

Geologic Map of California - Santa Ana Sheet
California Division of Mines and Geology, 1966.

LEGEND

LMC Property Boundary

Geology

- Qal — Alluvium
- Pc — Undivided Pliocene nonmarine
- gr — Mesozoic granitic rocks
- ms — Pre-Cretaceous metasedimentary rocks

Note: Beaumont Site 2 property boundary from Hillwig-Goodrow survey, May 2004.

Beaumont Site 2

Figure 2-2

Regional Geology

Tetra Tech, Inc. February 2007

- Weathered San Timoteo Formation; and
- Competent San Timoteo Formation.

Figure 2-3 identifies the locations of the vertical and horizontal seismic surveys and depicts the graphical interpretations of the seismic results.

Quaternary Alluvium

The Quaternary alluvium, primarily located within the confines of the Laborde Canyon valley, is derived from the weathering of hillsides directly adjacent to the canyon. Alluvial deposits consist of very fine- to fine-grained silty sands and fine- to medium-grained poorly graded sands. These sandy zones are typically interbedded with finer grained silts and, in some cases, with silty clays. A geologic cross section location map is presented in Figure 2-4 and geologic cross sections through the Site are presented in Figures 2-5 and 2-6.

San Timoteo Formation

The San Timoteo Formation, as encountered in the subsurface and exposed on the Site, generally consists of very fine-grained siltstone and very fine- to medium-grained silty sand. Some coarse pebbles and fragments were encountered in the more coarse-grained portions of the formation. The San Timoteo Formation is generally poorly cemented, but is more indurated than the alluvial sediments that overlie the formation.

In general, soil boring logs and geophysical data correlated the depth of the alluvial/Weathered San Timoteo Formation - San Timoteo Formation contact. However, in the vicinity of TT-MW2-3, a difference of approximately 25 feet was noted between the soil boring log and geophysical results. As previously indicated, the unconsolidated alluvium and underlying materials appear similar in color and grain size, therefore given these constraints, geophysical data was used to reinterpret the depth of the alluvial - San Timoteo Formation contact in the vicinity of TT-MW2-3 (i.e. the alluvial - San Timoteo Formation contact depicted was raised approximately 25 feet as compared to earlier reports).

Faulting

Major faults within the region include the San Jacinto Fault, and associated branch faults that have been mapped near the southern end of the Site (Figure 2-1). Approximately 8 miles northeast of the Site, the Banning fault adjoins with the San Andreas Fault. The San Jacinto and San Andreas Fault zones have been active with moderate to major earthquakes occurring over the last 200 years. Numerous smaller faults are

0 500 1,000 1,500 Feet

Adapted from: February 2002 aerial photograph and Tetra Tech's Groundwater Monitoring Well Installation Work Plan dated April 2006.

LEGEND

- Groundwater Monitoring Well Location
- Inactive Production Well Location
- Destroyed Monitoring Well Location
- Pilot Test Location- Downhole Velocity Survey
- Geophysical Survey- Downhole Velocity Survey
- (A) Pilot Test Location- Geophysical Survey Location
- (1) Geophysical Survey Location
- Beaumont Site 2 Property Boundary
- 2100' Topographic Contour (100-foot Interval)

Note:
Beaumont Site 2 property boundary from Hillwig-Goodrow survey, May 2004.

Beaumont Site 2

Figure 2-3

Geophysical Locations and Interpretations

Tetra Tech, Inc. February 2007

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0 500 1,000 1,500 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

- Groundwater Monitoring Well Location
- Borehole
- Destroyed Monitoring Well Location
- Cross Section Location
- Historical Operational Area Boundary

Note: BH2-7, TTMW2-5 and TTMW2-6S/D locations are approximate.

Beaumont Site 2

Figure 2-4

Cross Section Location Map

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February 2007

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Sand

Silty Sand, Sand with Silt/Gravel, Sandy Silt, Silt with Gravel/Sand/Clay

Silty Clayey Sand, Silty Clay, Sandy Silty Clay

San Timoteo Formation
(Siltstone, Sandstone with Silt and Clay)

TD=62'

Note: Bedrock elevation depicted in vicinity of TT-MW2-3 is based on geophysical survey data (Figure 2-3).

Elevations of TTMW2-5 and TTMW2-6S/D are estimated.

Beaumont Site 2

Figure 2-5
Geologic Cross Section A-A'

Tetra Tech, Inc. February 2007

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LEGEND

- Sand
- Silty Sand, Sand with Silt/Gravel, Sandy Silt, Silt with Gravel/ Sand/Clay
- San Timoteo Formation (Siltstone, Sandstone with Silt and Clay)
- Artificial Fill
- Inferred Contact
- Well
- Screened Interval
- TD=62' Total Boring Depth (feet)

Beaumont Site 2

Figure 2-6
Geologic Cross Section B-B'

Tetra Tech, Inc. February 2007

assumed to be associated with the movement of these two major faults (Figure 2-2). Although faulting may offset the San Timoteo Formation, no conclusive evidence of displacement of recent alluvial material has been found.

2.3 HYDROGEOLOGY

Groundwater at the Site is found in the siltstones of the San Timoteo Formation, although these deposits yield only small quantities of water (Radian, 1986b). It is also present in the alluvial and weathered San Timoteo Formation material just above the San Timoteo Formation. Recharge to groundwater through alluvium occurs from direct infiltration of rainfall, and loss from surface drainage through the sides and bottoms of ephemeral stream channels. Based on groundwater level measurements and topography, groundwater flow appears to follow the southward slope of the Laborde Canyon floor.

Based on the results of well installations, geophysical profiling and surveying; and groundwater monitoring activities, two (2) hydrostratigraphic units (HSUs) have been identified at the Site, an alluvial/weathered bedrock unit (alluvial/Weathered San Timoteo Formation) and a bedrock unit (San Timoteo Formation). A HSU is a formation, part of a formation, or a group of formations in which there are similar hydrologic characteristics that allow for grouping into aquifers and associated confining layers (Domenico, et.al, 1990).

Based on soil borings results, geophysical and groundwater data, unweathered portions of the San Timoteo Formation appear to act as a lower confining layer separating shallow groundwater in the Quaternary alluvium and weathered San Timoteo Formation from deeper groundwater.

2.4 DISTRIBUTION OF AFFECTED GROUNDWATER

Identification of chemicals of potential concern (COPC) is an ongoing process that will be conducted routinely to determine if the list of previously identified COPC still meets the objectives of the GMP and regulatory requirements. The purpose for identifying COPC is to establish a list of analytes that best represent the extent and magnitude of the affected groundwater and to focus more detailed analysis on those analytes. Every analytical method has a standard list of tested target compounds and by reducing the number of target compounds for a given analytical method, the volume of data generated can also be reduced. If sufficient historical analytical data are available, analytes that have not been detected, common laboratory and field contaminants, spurious or randomly detected analytes, and analytes associated with chlorinated potable water, can be removed from the list of target compounds.

Although perchlorate, TCE, bis-(2-ethylhexyl) phthalate, and arsenic have been historically detected in groundwater samples collected from the Site, the arsenic appears to be naturally occurring (Tetra Tech,

2005b) and the bis-(2-ethylhexyl) phthalate is believed to represent a laboratory or field cross-contaminant (Tetra Tech, 2005a).

Arsenic was reported above its respective MCL in filtered and unfiltered groundwater samples collected from the bedrock HSU. Except for an unfiltered groundwater sample collected from MW-6S (Tetra Tech, 2005b), arsenic has not been reported in filtered and unfiltered groundwater samples collected from the alluvial screened wells.

Bis-(2-ethylhexyl) phthalate was detected at low concentrations in a groundwater sample collected from well TT-MW2-3 during the Third Quarter 2004 (Tetra Tech, 2004b) quarterly monitoring event. No other SVOC was detected in this well or any other of the wells sampled during the September 2004 monitoring event. Phthalates are a very common plastizing agent used in plastics. It is ubiquitous in the environment and commonly detected as a field/laboratory contaminant. Although the results of the field and laboratory blanks analyzed during the September 2004 monitoring event did not report bis-(2-ethylhexyl) phthalate in the blanks, this is likely a result of the inconsistent or random nature of the detection of this common field/laboratory contaminant. As an environmental contaminant, phthalates are primarily detected in soil and groundwater associated with landfills. Well TT-MW2-3 is not associated with a landfill or downgradient of one. Detection of this compound at low concentrations as a single SVOC in an area not associated with a landfill supports that the detection of bis-(2-ethylhexyl) phthalate was a field/laboratory contaminant.

Based on the results of the groundwater monitoring performed at the Site, a list of COPC was identified. Table 2-2 presents a list of those analytes detected in groundwater at the Site that are considered COPC and Table 2-3 presents a summary of groundwater analytical results for the COPC.

Table 2-2 Groundwater Chemicals of Potential Concern
Beaumont Site 2

Analyte	Classification
Perchlorate	Primary
Trichloroethene	Secondary

2.4.1 Perchlorate

Concentrations of perchlorate have been reported above the LRL in groundwater samples collected from alluvial/weathered San Timoteo Formation monitoring wells TT-MW2-1, TT-MW2-5 and TT-MW2-6S. The highest concentration of perchlorate has consistently been reported in groundwater samples collected from well TT-MW2-3, screened in the San Timoteo Formation. However, given the discrepancy between

Table 2-3 Summary of Groundwater COPC Analytical Results
Beaumont Site 2

Sample Location	Sample Date	Perchlorate (µg/L)	Trichloroethene (µg/L)
TT-MW2-1	09/27/04	**3500**	< 0.30
	02/16/05	**7100**	< 0.30
	07/08/05	**2400**	< 0.30
	09/30/05	**3000**	< 0.30
	12/13/05	**3500**	< 0.30
	03/16/06	**4200**	< 0.30
TT-MW2-2	09/27/04	< 0.46	< 0.30
	02/16/05	< 0.46	< 0.30
	07/07/05	< 0.59	< 0.30
	09/30/05	< 0.59	< 0.30
	12/13/05	< 0.59	< 0.30
	03/16/06	< 0.59	< 0.30
TT-MW2-3	09/27/04	**1300**	1.6
	02/16/05	**740**	1.2
	07/08/05	**53000**	**7.0**
	09/30/05	**68000**	**5.6**
	12/13/05	**65000**	**8.0**
	03/16/06	**68000**	**5.6**
TT-MW2-4S	09/27/04	< 0.46	< 0.30
	02/16/05	< 0.46	< 0.30
	07/07/05	< 0.59	< 0.30
	09/30/05	2.1	< 0.30
	12/12/05	< 0.59	< 0.30
	03/16/06	< 0.59	< 0.30
TT-MW2-4D	09/27/04	< 0.46	< 0.30
	02/16/05	< 0.46	< 0.30
	07/07/05	< 0.59	< 0.30
	09/30/05	< 0.59	< 0.30
	12/12/05	< 0.59	< 0.30
	03/16/06	< 0.59	< 0.30
MCL (unless noted) / DWNL (µg/L)		**6.0** (1)	**5**

Notes:

(1) - Drinking water notification level.
< # - Method detection limit concentration is shown.
(WCA) - Resampling event, analyzed by West Coast Analytical Service, Inc.
Bold - MCL or DWNL exceeded.
µg/L - Micrograms per liter.
COPC - Chemicals of Potential Concern.
DWNL - California Department of Health Services drinking water notification level.
J - Analyte was detected at a concentration below the reporting limit and above the method detection limit. Reported value is estimated.
MCL - Maximum Contaminant Level.
NA - Not analyzed.

Table 2-3 Summary of Groundwater COPC Analytical Results
Beaumont Site 2 (Cont'd)

Sample Location	Sample Date	Perchlorate (µg/L)	Trichloroethene (µg/L)
TT-MW2-5	12/12/05	**810**	< 0.30
	12/29/05	**860**	NA
	12/29/05 (WCA)	**910**	NA
	03/16/06	**910**	< 0.30
TT-MW2-6S	12/12/05	**160**	< 0.30
	12/29/05	**220**	NA
	12/29/05 (WCA)	**250**	NA
	03/16/06	**280**	< 0.30
TT-MW2-6D	12/12/05	< 0.59	< 0.30
	12/29/05	0.65	NA
	12/29/05 (WCA)	1.0	NA
	03/16/06	< 0.59	< 0.30
MCL (unless noted) / DWNL (µg/L)		**6.0** (1)	**5**

Notes:

(1) - Drinking water notification level.
< # - Method detection limit concentration is shown.
(WCA) - Resampling event, analyzed by West Coast Analytical Service, Inc. using SW8321M.
Bold - MCL or DWNL exceeded.
µg/L - Micrograms per liter.
COPC - Chemicals of Potential Concern.
DWNL - California Department of Health Services drinking water notification level.
J - Analyte was detected at a concentration below the reporting limit and above the method detection limit. Reported value is estimated.
MCL - Maximum Contaminant Level.
NA - Not analyzed.

the soil boring log and geophysical data correlating the depth of the alluvial/Weathered San Timoteo Formation - San Timoteo Formation contact at TT-MW2-3 (Section 2.2.2), the well screen may be set across or near the alluvial/Weathered San Timoteo Formation - San Timoteo Formation contact.

Monitoring well TT-MW2-1 is located in Historical Operational Area L, well TT-MW2-3 is located in Historical Operational Area K and wells MW2-5 and TT-MW2-6S are located south (downgradient) of Historical Operational Area L. Perchlorate has not been consistently reported above the LRL in groundwater samples collected from the remaining four (4) San Timoteo Formation monitoring wells TT-MW2-2, TT-MW2-4S, TT-MW2-4D and TT-MW2-6D. The horizontal and vertical extent of perchlorate affected groundwater has not been fully assessed at this time.

2.4.2 Trichloroethene

Low concentrations of TCE have consistently been reported in groundwater samples collected from monitoring well TT-MW2-3. TCE has not been detected in any of the other groundwater samples collected from monitoring wells sampled as part of the Site's GMP. Monitoring well TT-MW2-3 is located in Historical Operational Area K. The horizontal and vertical extent of TCE-affected groundwater has not been fully assessed at this time.

3.0 SUMMARY OF MONITORING ACTIVITIES

The following chapter summarize the Second Quarter and Third Quarter 2006 groundwater monitoring events conducted at the Site. The results from these monitoring events are discussed in Section 4.0.

3.1 GROUNDWATER LEVEL MEASUREMENTS

The Second Quarter 2006 GMP groundwater level measurements were collected from all eight (8) of the monitoring wells between May 31 and June 1, 2006. The Third Quarter 2006 GMP groundwater level measurements were collected from all eight (8) of the monitoring wells on September 7, 2006. A summary of well construction details is presented in Table 3-1. Copies of the field data sheets from the water quality monitoring event are presented in Appendix B.

3.2 GROUNDWATER SAMPLING

The Second Quarter 2006 GMP groundwater samples were collected from all eight (8) of the monitoring wells between June 23 and June 27, 2006. The Second Quarter 2006 GMP groundwater samples were collected from all eight (8) of the monitoring wells between October 2 and October 5, 2006. Table 3-2 lists the wells monitored for the Second Quarter and Third Quarter 2006 monitoring events, analytical methods, sampling dates, and Quality Assurance/Quality Control (QA/QC) samples collected. Groundwater sampling, analytical, and QA/QC procedures for the monitoring event are described in the *Groundwater Monitoring Well Installation Work Plan* (Tetra Tech, 2004a). Figure 3-1 presents the well locations sampled.

The following water quality field parameters were observed and recorded on field data sheets (Appendix B) during well purging activities: water level, temperature, pH, electrical conductivity (EC), turbidity, oxidation reduction potential, and dissolved oxygen. Purging was considered complete when at least one discharge hose volume had been removed and the above parameters had stabilized, or the well was purged dry (evacuated). Stabilization of water quality parameters was used as an indication that fresh formation water had entered the well and was being purged. The criteria for stabilization of these parameters are as follows: water level +/- 0.1 foot; temperature +/- 1 degree Centigrade; pH +/- 0.1 unit; and EC +/- 5%. Sampling instruments and equipment were maintained, calibrated, and operated in accordance with the manufacturer's specifications, guidelines, and recommendations. Groundwater samples were collected from all eight (8) of the monitoring wells by low-flow purging and sampling through a variable flow submersible electric pump.

Table 3-1 Well Construction Summary Table
Beaumont Site 2

Well ID	Date Installed	Date Destroyed	Well Type	Elevation (TOC, feet msl)	Depth to TOS (feet bgs)	Depth to BOS (feet bgs)	Screen Length (feet)	Reported Depth of Well (feet bgs)	Reported Depth of Borehole (feet bgs)	Borehole Diameter (inches)	Casing Diameter (inches) and Material	Screen Slot Material and Size (inches)	Drilling Method	Filter Pack	Northing Coordinate	Easting Coordinate
W2-1	Unk.	Unk.	P	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	2271823.25 est.	6325081.02 est.
W2-2	Unk.	Unk.	P	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	2272462.34 est.	6325839.69 est.
W2-3	Unk.	Unk.	P	2028.83	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	8	Unk.	Unk.	Unk.	2273334.11 est.	6325349.92 est.
W2-5	Unk.	Unk.	P	2140.95	161	467	6	Unk.	Unk.	Unk.	6	Unk.	Unk.	Unk.	2276981.24 est.	6325110.52 est.
MW2-2	11/28/90	09/19/95	M	1996.41	115	135	20	135.5	140	10	4	SS 0.020	ARCH	Lonestar #3	2272462.34 est.	6325839.69 est.
MW2-4	11/30/90	09/19/95	M	1956.36	40	60	20	60.0	62	10	4	SS 0.020	ARCH	Lonestar #3	2271712.28 est.	6325287.77 est.
MW2-5	12/01/90	09/20/95	M	2058.82	78	98	20	98	100	10	4	SS 0.020	ARCH	Lonestar #3	2274073.76 est.	6325061.16 est.
MW2-6	12/04/90	09/20/95	M	2111.95	70	90	Unk.	90	95	10	4	SS 0.020	ARCH	Lonestar #3	2275852.57 est.	6325309.81 est.
TT-MW2-1	09/01/04	NA	M	2035.21	50	70	20	70	81	12	4	PVC 0.020	HSA	RMC #3	2273430.33	6325373.78
TT-MW2-2	08/30/04	NA	M	2137.75	103.5	118.5	15	118.5	121	12	4	PVC 0.020	HSA	RMC #3	2276662.64	6325085.92
TT-MW2-3	08/31/04	NA	M	2094.66	78	98	20	98	115	12	4	PVC 0.020	HSA	RMC #3	2274876.52	6324520.74
TT-MW2-4S	09/07/04	NA	M	1986.94	60	70	10	70	106	12	4	PVC 0.020	HSA	RMC #3	2272392.82	6325561.45
TT-MW2-4D	09/07/04	NA	M	1987.16	85	95	10	95	106	12	4	PVC 0.020	HSA	RMC #3	2272392.82	6325561.45
TT-MW2-5	12/01/05	NA	M	1918 est.	29	39	10	39.5	40	10	4	PVC 0.020	HSA	RMC #3	-	-
TT-MW2-6D	12/01/05	NA	M	1916 est.	28	38	10	38.5	80	10	2	PVC 0.020	HSA	RMC #3	-	-
TT-MW2-6S	12/01/05	NA	M	1916 est.	52	57	5	57.5	80	10	2	PVC 0.020	HSA	RMC #3	-	-

Notes:

" - " -	No information.	HSA -	Hollow stem auger.	SS -	Stainless steel.
msl -	Mean sea level.	P -	Production well.	TOC -	Top of casing.
ARCH -	Air rotary casing hammer.	PVC -	Polyvinyl Chloride.	TOS -	Top of screen.
bgs -	Below ground surface.	M	Monitoring well.	Unk. -	Unknown.
est. -	An estimated value.	NA -	Not applicable.		

Table 3-2 Sampling Schedule and Analysis Methods - Second Quarter and Third Quarter 2006
Beaumont Site 2

Monitoring Well Location	Sample Date	VOCs (EPA 8260B)	Perchlorate (EPA 314.1)	SVOCs (EPA 8270C)	1,4 - Dioxane (EPA 314.0)	RDX (EPA 8330)	NDMA (EPA 1625 CM)	1,2,3 - TCP (ERL 524M-TCP)	As, Be, Cd & Pb (EPA 6010B, [1])	Hexavalent Chromium (EPA 218.6)	Comments and QA / QC Samples
TT-MW2-1	06/27/06	X	X	X	X	X	X	X	X	X	
	10/02/06	X	X								Duplicate
TT-MW2-2	6/23/06	X	X						X		
	10/02/06	X	X								
TT-MW2-3	06/27/06	X	X	X	X	X	X	X	X	X	Duplicate + MS/MSD
	10/05/06	X	X								
TT-MW2-4S	6/23/06	X	X						X		
	10/02/06	X	X								
TT-MW2-4D	6/23/06	X	X						X		
	10/02/06	X	X								
TT-MW2-5	06/26/06	X	X	X	X	X	X	X	X	X	
	10/02/06	X	X								
TT-MW2-6S	06/26/06	X	X					X	X		
	10/02/06	X	X								
TT-MW2-6D	06/26/06	X	X					X	X		
	10/02/06	X	X								

Total Sample Locations: 8
Total Samples Collected: 8 per sampling event
Sample Locations Not Accessible: 0
Dry Sample Locations: 0

Notes:

[1] - Filtered and unfiltered analyses.
EPA - United States Environmental Protection Agency.
MS / MSD - Matrix Spike / Matrix Spike Duplicate.
NDMA - N - nitrosodimethylamine.
QA / QC - Quality Assurance / Quality Control.
RDX - Royal Demolition Explosives (i.e., cyclonite).
SVOCs - Semivolatile organic compounds.
TCP - 1,2,3- Trichloropropane.
VOCs - Volatile organic compounds.

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0 1,000 2,000 3,000 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

- Sampled Well
- LMC Property Boundary
- Historical Operational Area Boundary

Note: Beaumont Site 2 property boundary from Hillwig-Goodrow survey, May 2004.

TT-MW2-5 and TT-MW2-6S/D locations are approximate.

Beaumont Site 2

Figure 3-1
Second Quarter and Third Quarter 2006 Sample Locations

Tetra Tech, Inc. February 2007

For the monitoring event, water samples were collected in order of decreasing volatilization potential and placed in appropriate containers. A sample identification label was affixed to each sample container and sample custody was maintained by a chain-of-custody record. Collected samples for the Second Quarter 2006 groundwater monitoring event were chilled and transported to Calscience Environmental Laboratories, Inc., a state-accredited analytical laboratory, via courier, thus maintaining proper temperatures and sample integrity. Collected samples for the Third Quarter 2006 groundwater monitoring event were chilled and transported to Emax Laboratories, Inc., a state-and federally accredited analytical laboratory, via courier, thus maintaining proper temperatures and sample integrity. Trip blanks (LTBs) and equipment blanks (LEBs) were collected for the Second Quarter and Third Quarter 2006 groundwater monitoring events to assess cross-contamination potential of water samples while in transit and/or via sampling equipment.

3.3 ANALYTICAL DATA QA/QC

The samples were tested using approved EPA methods. Since the analytical data were obtained by following EPA-approved method criteria, the data were validated using the EPA-approved evaluation methods described in the *National Functional Guidelines* (EPA, 1999 and EPA, 2004).

Quality control parameters used in validating data results include: holding times, field blanks, laboratory control samples, method blanks, duplicate environmental samples, spiked samples, and surrogate and spike recovery data.

3.4 HABITAT CONSERVATION

Consistent with the U.S. Fish and Wildlife Service approved Habitat Conservation Plan (USFWS, 2005) and subsequent clarifications (LMC, 2006a and 2006b) of the Plan describing activities for environmental remediation at the Site, prior to initiating groundwater monitoring field activities, a biological survey of the surrounding area of each proposed groundwater monitoring well location was performed by a Section 10A permitted or sub-permitted biologist to evaluate the potential for impacts during field activities to sensitive species/habitats (i.e., Stephens' Kangaroo Rat [SKR]). As part of the biological survey, the biologist identified and marked all potential or suspected SKR burrows that were located in the vicinity of each sampling location to avoid the potential "take" (i.e., harm, harassment, and/or death) of SKRs. The biologist also clearly marked the ingress and egress routes to each sampling location in an effort to minimize the overall footprint of field activities and impacts to SKR habitat. Further, as specified, after surveying the work areas, the biologist remained on Site during field activities to implement requirements of the "Low Affect" agreement.

4.0 GROUNDWATER MONITORING RESULTS

The results of the Second Quarter 2006 monitoring event are presented in the following subsections. These subsections include tabulated summaries of the groundwater elevation and water quality data collected, a groundwater elevation map, and an analyte results figure.

4.1 GROUNDWATER ELEVATION

Groundwater elevations for wells monitored for the Second Quarter and Third Quarter 2006 monitoring events are shown on Figures 4-1 and 4-2, respectively. A tabulated summary of groundwater elevations is presented in Table 4-1, and hydrographs for individual wells are presented in Appendix C.

Table 4-1 Groundwater Elevation Data - Second Quarter and Third Quarter 2006
Beaumont Site 2

Second Quarter 2006						
Well ID	**Date Measured**	**Measuring Point Elevation (feet msl)**	**Depth to Water (from Measuring Point, feet)**	**Groundwater Elevation (feet msl)**	**Groundwater Elevation Change from First Quarter 2006 (feet)**	**HSU Screened**
TT-MW2-1	05/31/06	2035.21	53.26	1981.95	-0.41	QAL / WSTF
TT-MW2-2	05/31/06	2137.75	68.30	2069.45	-0.18	STF
TT-MW2-3	06/01/06	2094.66	69.33	2025.33	-0.30	QAL / WSTF / STF
TT-MW2-4S	05/31/06	1986.94	49.22	1937.72	+0.03	STF
TT-MW2-4D	05/31/06	1987.16	56.10	1931.06	-0.02	STF
TT-MW2-5 (1)	05/31/06	1918 (estimated)	37.25	1881 (estimated)	-0.48	QAL / WSTF
TT-MW2-6S (1)	05/31/06	1916 (estimated)	33.79	1882 (estimated)	-0.28	QAL / WSTF
TT-MW2-6D (1)	05/31/06	1916 (estimated)	34.64	1881 (estimated)	-0.28	STF
Third Quarter 2006						
Well ID	**Date Measured**	**Measuring Point Elevation (feet msl)**	**Depth to Water (from Measuring Point, feet)**	**Groundwater Elevation (feet msl)**	**Groundwater Elevation Change from Second Quarter 2006 (feet)**	**HSU Screened**
TT-MW2-1	09/07/06	2035.21	53.92	1981.29	-0.66	QAL / WSTF
TT-MW2-2	09/07/06	2137.75	68.43	2069.32	-0.13	STF
TT-MW2-3	09/07/06	2094.66	69.45	2025.21	-0.12	QAL / WSTF / STF
TT-MW2-4S	09/07/06	1986.94	49.41	1937.53	-0.19	STF
TT-MW2-4D	09/07/06	1987.16	56.07	1931.09	+0.03	STF
TT-MW2-5 (1)	09/07/06	1918 (estimated)	37.31	1881 (estimated)	-0.06	QAL / WSTF
TT-MW2-6S (1)	09/07/06	1916 (estimated)	33.86	1882 (estimated)	-0.07	QAL / WSTF
TT-MW2-6D (1)	09/07/06	1916 (estimated)	34.83	1881 (estimated)	-0.19	STF

Notes:

(1) - Monitoring well was recently installed, survey is to be performed.
+ - Denotes an increase in groundwater elevation.
- - Denotes a decrease in groundwater elevation.
QAL / WSTF - Quaternary alluvium / weathered San Timoteo Formation.
STF - San Timoteo Formation.
HSU - Hydrostratigraphic Unit.
msl - mean sea level.

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0 500 1,000 1,500 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

- Well Location and Calculated Groundwater Eelvation (feet msl)
- Historical Operational Area Boundary
- 0.22 Groundwater Elevation Increase *
- 0.25 Groundwater Elevation Decrease *

* (feet) Compared to March 2006, First Quarter Groundwater Elevations.

Note: (1) Wells have not been surveyed, locations are approximate and groundwater elevations are estimated.

msl Mean sea level.

Beaumont Site 2

Figure 4-1

June 2006, Second Quarter Groundwater Elevations

Tetra Tech, Inc. February 2007

X:\GIS\LOCKHEED 18086-03\Q3 GW_CHANGE.MXD

0 500 1,000 1,500 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

- Well Location and Calculated Groundwater Elevation (feet msl)
- Historical Operational Area Boundary
- 0.22 Groundwater Elevation Increase *
- 0.25 Groundwater Elevation Decrease *

* (feet) Compared to June 2006, Second Quarter Groundwater Elevations.

Note: (1) Wells have not been surveyed, locations are approximate and groundwater elevations are estimated.

msl Mean sea level.

Beaumont Site 2

Figure 4-2

September 2006, Third Quarter Groundwater Elevations

Tetra Tech, Inc. February 2007

Based on the monitoring wells measured, depth to groundwater at the Site varies from approximately 68 feet bgs) in the northern portion to 31 feet bgs in the southern portion. Groundwater elevations for wells TT-MW2-5 and TT-MW2-6S/D were estimated from measuring point elevations based on a handheld global positioning satellite unit. These wells will be surveyed with the recently installed wells (Section 1.3.2).

In comparison to the First Quarter 2006 quarterly monitoring event, groundwater elevations measured during the Second Quarter 2006 monitoring event increased in the San Timoteo Formation screened monitoring well TT-MW2-4S (0.03 feet) and decreased in alluvial/weathered San Timoteo Formation screened monitoring wells [TT-MW2-1 (0.41 feet), TT-MW2-5 (0.48 feet), TT-MW2-6S (0.28 feet)], San Timoteo Formation screened monitoring wells [TT-MW2-2 (0.18 feet), TT-MW2-4D (0.02 feet), TT-MW2-6D (0.28 feet)], and alluvial/weathered San Timoteo Formation/San Timoteo Formation screened monitoring well TT-MW2-3 (0.30 feet).

In comparison to the Second Quarter 2006 monitoring event, groundwater elevations measured during Third Quarter 2006 monitoring event increased in the San Timoteo Formation screened monitoring well TT-MW2-4D (0.03 feet) and decreased in alluvial/weathered San Timoteo Formation screened monitoring wells [TT-MW2-1 (0.66 feet), TT-MW2-5 (0.06 feet), TT-MW2-6S (0.07 feet)], San Timoteo Formation screened monitoring wells [TT-MW2-2 (0.13 feet), TT-MW2-4S (0.19 feet), TT-MW2-6D (0.19 feet)], and alluvial/weathered San Timoteo Formation/San Timoteo Formation screened monitoring well TT-MW2-3 (0.12 feet).

From February 15, 2006 to April 28, 2006, electronic automated water level recorders (transducers) were installed in monitoring wells TT-MW2-1, TT-MW2-3 and TT-MW2-5. In general, water levels in these wells have remained very stable and have shown declines of less than 0.8 feet between February 15, 2006 and April 28, 2006. Between February and May 2006 the Beaumont NWS recorded approximately 11 inches of precipitation and the San Jacinto NWS recorded approximately 7.3 inches of precipitation. The water levels in the monitored wells did not appear to increase due to precipitation during this reporting period. However, the rate of water level rise appeared to increase in TT-MW2-1 and TT-MW2-2 after the heavy rains of 2005. Hydrographs and precipitation data are presented in Appendix C.

Based on the minimal response to precipitation and the relatively stable water levels observed during nine (9) quarters of groundwater monitoring, it appears that the alluvial/Weathered San Timoteo Formation and the San Timoteo Formation HSUs are unaffected by smaller scale precipitation events.

Based on the available data, groundwater flow conditions remain relatively constant and groundwater elevations at the Site do not appear to change significantly with the seasons. In general, the groundwater monitoring wells appear to demonstrate a delayed seasonal rise and fall (Appendix C). However, sufficient data are not available at this time to evaluate long term trends in groundwater elevation at the Site.

4.2 GROUNDWATER FLOW DIRECTION

Although only limited groundwater elevation data are available, based on the current CSM, groundwater elevations and the southward sloping topography at the Site, groundwater flow in the alluvium/weathered San Timoteo Formation appears to generally follow the southward sloping topography of Laborde Canyon. This pattern is consistent with that observed in a previous hydrogeologic study of the area (Radian, 1992b). The groundwater flow pattern of the alluvium/weathered San Timoteo Formation and the San Timoteo Formation will be refined as additional data are acquired on the hydrogeologic system that exists beneath the Site. As discussed in Section 2, groundwater monitoring well installation activities to further characterize groundwater conditions at the Site have recently been completed and those new wells will be included in future monitoring events.

4.3 ANALYTICAL DATA SUMMARY

Groundwater samples collected during the Second Quarter 2006 monitoring event were tested for VOCs and perchlorate. VOCs and perchlorate are potential contaminants of interest at the Site. Select groundwater samples collected were also tested for 1,4-dioxane, explosives [Royal Demolition Explosives (RDX), i.e., cyclonite], N-nitrosodimetylamine (NDMA), 1,2,3-trichloropropane (1,2,3-TCP) and the metals arsenic, beryllium, cadmium, lead and hexavalent chromium. Groundwater samples collected during the Third Quarter 2006 monitoring event were tested for VOCs and perchlorate.

Summaries of validated laboratory analytical results for analytes detected above their respective LRLs during the monitoring event are presented in Tables 4-2 and 4-3. A complete list of the analytes tested, along with validated sample results by analytical method, is provided in Appendix D. VOC and perchlorate sample results above the published maximum contaminant level (MCL) (federal or state, whichever is lower) or DWNL are bolded in Tables 4-2 and 4-3. Laboratory analytical data packages, which include all environmental, field QC, and laboratory QC results, are provided in Appendix E. A consolidated laboratory data summary table is presented in Appendix A.

Table 4-2 Summary of Validated Organic Analytes - Second Quarter and Third Quarter 2006
Beaumont Site 2

Sample Location	Sample Date	Acetone (µg/L)	2 - Butanone (µg/L)	Carbon Disulfide (µg/L)	Ethyl- benzene (µg/L)	Methylene-chloride (µg/L)	RDX (µg/L)	Toluene (µg/L)	Trichloro-ethene (µg/L)	1,2,3 – Trichloro-propane (µg/L)	Meta / Para-Xylene (µg/L)	Ortho-Xylene (µg/L)
TT-MW2-1	06/27/06	12 B	14 *	< 1.0	< 0.17	4.2 J, B	**1.6** J	< 0.35	< 0.30	< 0.0017	< 0.38	< 0.21
	10/02/06	< 5.0	< 5.0	< 0.20	< 0.20	< 0.50	NA	< 0.20	< 0.20	NA	< 0.50	< 0.20
TT-MW2-2	06/23/06	< 6.1	4.6 J *	< 1.0	< 0.17	4.1 J, B	NA	< 0.35	< 0.30	< 0.0017	< 0.38	< 0.21
	10/02/06	< 5.0	< 5.0	< 0.20	< 0.20	< 0.50	NA	< 0.20	< 0.20	NA	< 0.50	< 0.20
TT-MW2-3	06/27/06	< 6.1	< 4.2	< 1.0	< 0.17	4.2 J, B	< 1.3	< 0.35	4.2	< 0.0017	< 0.38	< 0.21
	10/05/06	< 5.0	< 5.0	< 0.20	< 0.20	< 0.50	NA	< 0.20	4.8	NA	< 0.50	< 0.20
TT-MW2-4S	06/23/06	7.3 J. B	< 4.2	< 1.0	< 0.17	3.9 J, B	NA	< 0.35	< 0.30	< 0.0017	< 0.38	< 0.21
	10/02/06	< 5.0	< 5.0	< 0.20	< 0.20	< 0.50	NA	< 0.20	< 0.20	NA	< 0.50	< 0.20
TT-MW2-4D	06/23/06	9.7 J, B	< 4.2	< 1.0	< 0.17	4.9 J, B	NA	< 0.35	< 0.30	< 0.0017	< 0.38	< 0.21
	10/02/06	< 5.0	< 5.0	< 0.20	< 0.20	< 0.50	NA	< 0.20	< 0.20	NA	< 0.50	< 0.20
TT-MW2-5	06/26/06	6.3 J *	< 4.2	1.2 J *	< 0.17	< 2.6	< 1.3	1.1	< 0.30	0.0018 J,	< 0.38	< 0.21
	10/02/06	< 5.0	< 5.0	< 0.20	0.29 J	< 0.50	NA	1.3	< 0.20	NA	1.1 J	0.56 J
TT-MW2-6S	06/26/06	7.3 J *	< 4.2	< 1.0	< 0.17	< 2.6	NA	0.97 J	< 0.30	< 0.0017	< 0.38	< 0.21
	10/02/06	< 5.0	< 5.0	< 0.20	0.23 J	< 0.50	NA	1.3	< 0.20	NA	1.0 J	0.43 J
TT-MW2-6D	06/26/06	7.2 J *	< 4.2	< 1.0	< 0.17	< 2.6	NA	< 0.35	< 0.30	0.0018 J,	< 0.38	< 0.21
	10/02/06	< 5.0	< 5.0	< 0.20	< 0.20	< 0.50	NA	< 0.20	< 0.20	NA	< 0.50	< 0.20
Laboratory Reporting Limit (µg/L)		10	10	10	1.0	10	10	1.0	1.0	0.0050	1.0	2.0
Method Detection Limit (µg/L)		6.1	4.2	1.0	0.20	2.6	1.3	0.35	0.30	0.0017	0.50	0.20
MCL (unless noted) / DWNL		-	-	160 (1)	300	5	0.3 (1)	150	5	0.005 (1)	1750 (as Total	

Notes:

Bold - Maximum Contaminant Level exceeded.
" - " - Maximum Contaminant Level not established.
" * " - The result is considered suspect, see Subsection 4.3.1 of the text for further explanation.
(1) - California Department of Health Services State Notification Level for Drinking Water
B - The sample result is less than 5 times (10 times for acetone and methylene chloride) the corresponding equipment, trip or method detection blank result. The result qualified for blank contamination is considered not to have originated from the environmental sample, since cross-contamination is suspected.
DWNL - California Department of Health services drinking water notification level.
J - The analyte was positively identified and the result is usable; however, the analyte concentration is an estimated value.
MCL - Maximum Contaminant Level.
µg/L - Micrograms per liter.
NA - Not analyzed.
RDX - Royal Demolition Explosives (i.e., cyclonite).

Table 4-3 Summary of Validated Inorganic Analytes - Second Quarter and Third Quarter 2006 Beaumont Site 2

				Total Metals	
Sample Location	**Sample Date**	**Perchlorate (µg/L)**	**Hexavalent Chromium (µg /L)**	**Arsenic (mg/L)**	**Lead (mg/L)**
TT-MW2-1	06/27/06	**4500**	2.9 *	< 0.00308	< 0.00236
	10/02/06	**4850**	NA	NA	NA
TT-MW2-2	06/23/06	< 0.43	NA	0.00406 J	< 0.00236
	10/02/06	< 0.500	NA	NA	NA
TT-MW2-3	06/27/06	**33000**	1.2 *	< 0.00308	< 0.00236
	10/05/06	**22200**	NA	NA	NA
TT-MW2-4S	06/23/06	< 0.43	NA	0.0490	< 0.00236
	10/02/06	< 0.500	NA	NA	NA
TT-MW2-4D	06/23/06	< 0.43	NA	**0.0941**	< 0.00236
	10/02/06	< 0.500	NA	NA	NA
TT-MW2-5	06/26/06	**890**	1.0 *	< 0.00308	< 0.00236
	10/02/06	**981**	NA	NA	NA
TT-MW2-6S	06/26/06	**270**	NA	< 0.00308	< 0.00236
	10/02/06	**298**	NA	NA	NA
TT-MW2-6D	06/26/06	0.54 J	NA	0.0127	< 0.00236
	10/02/06	< 0.500	NA	NA	NA
				Dissolved Metals	
TT-MW2-1	06/27/06	NA	NA	< 0.00308	< 0.00236
	10/02/06	NA	NA	NA	NA
TT-MW2-2	06/23/06	NA	NA	0.00505 J	0.00278 J
	10/02/06	NA	NA	NA	NA
TT-MW2-3	06/27/06	NA	NA	< 0.00308	< 0.00236
	10/05/06	NA	NA	NA	NA
TT-MW2-4S	06/23/06	NA	NA	0.0469	< 0.00236
	10/02/06	NA	NA	NA	NA
TT-MW2-4D	06/23/06	NA	NA	**0.0901**	< 0.00236
	10/02/06	NA	NA	NA	NA
TT-MW2-5	06/26/06	NA	NA	< 0.00308	< 0.00236
	10/02/06	NA	NA	NA	NA
TT-MW2-6S	06/26/06	NA	NA	< 0.00308	< 0.00236
	10/02/06	NA	NA	NA	NA
TT-MW2-6D	06/26/06	NA	NA	0.0126	< 0.00236
	10/02/06	NA	NA	NA	NA
Laboratory Reporting Limit		2.0	0.2	0.0100	0.0100
Method Detection Limit		0.43	0.005	0.00308	0.00236
MCL (unless noted) / DWNL		**6 (1)**	50	**0.05**	**0.015**

Notes:

Bold - MCL or DWNL exceeded.
" - " - MCL or DWNL not established.
" * " - The result is considered suspect, see Subsection 4.3.1 of the text for further explanation.
(1) - Drinking water notification level.
DWNL - California Department of Health services drinking water notification level.
J - The analyte was positively identified and the result is usable; however, the analyte concentration is an estimated value.
MCL - Maximum Contaminant Level.
µg/L - Micrograms per liter.
mg/L - Milligrams per liter.
NA - Not analyzed.

4.3.1 Data Quality Review

The data for the Second Quarter 2006 groundwater monitoring event was contained in data packages 06-06-1502, 06-06-1560, 06-06-1560 (Supplemental Report 1) and 06-06-1647. The data for the Third Quarter 2006 groundwater monitoring event was contained in data packages 06J021 and 06J067. The data was reviewed using the latest versions of the *National Functional Guidelines for Organic and Inorganic Data Review* documents from the EPA.

The quality control samples were reviewed as described in Section 3.3. Within each environmental sample the sample specific quality control spike recoveries were examined. These data examinations include comparing statically calculated control limits to percent recoveries of all spiked analytes and duplicate spiked analytes results as compared to Relative Percent Difference control limits. Surrogate recoveries were examined for all organic analyses and compared to their control limits. Environmental samples were analyzed by the following methods: Methods E314.0 for perchlorate, Method SW8260B for VOCs, Method E524.2 for 1,2,3-trichloropropane, Method E1625C for 1,4-dioxane, Method SW6010B for Metals, Method SW8270C for SVOCs, and SW8330 for explosives.

Unless discussed below, all data results met required criteria, are of known precision and accuracy, did not require any qualification, and may be used as reported.

During the Second Quarter 2006 monitoring event methylene chloride and acetone were detected in trip blanks and method blank samples as tested by Method SW8260B. These blank detections qualified environmental sample results TT-MW2-1, TT-MW2-2, TT-MW2-3, TT-MW2-4S, TT-MW2-4D and TT-MW2-103 for methylene chloride and acetone that were within 10 times the blank concentrations. These qualified data results are denoted with a “B” flag and comprised 1.7 % of the total SW8260B data (Appendix E). Low levels of acetone were detected in environmental samples TT-MW2-5, TT-MW2-6S and TT-MW2-6D, however acetone was not detected in the associated trip blank or method blank for these samples. Acetone was not detected in the environmental samples, trip blanks or method blank samples associated with the Third Quarter 2006 monitoring event. Therefore, the low levels of acetone detected in environmental samples TT-MW2-5, TT-MW2-6S and TT-MW2-6D during the Second Quarter 2006 monitoring event are considered suspect.

Similarly, low levels of 2-butanone and carbon disulfide were detected in environmental samples TT-MW2-1, TT-MW2-2 and TT-MW2-5 from the Second Quarter 2006 monitoring event. These detections are also considered suspect since the detections were not repeated in the Third Quarter 2006 monitoring event and historically 2-butanone and carbon disulfide have not been detected in groundwater samples collected (Appendix A).

Analyte 1,2,3-trichloropropane was detected in method blank samples as tested by Method E524.2. This blank detection qualified environmental sample results TT-MW2-5 and TT-MW2-6D for 1,2,3-trichloropropane that were within five times the blank concentrations. These qualified data results are denoted with a "B" flag and comprised 22 % of the total E524.2 data (Appendix E).

Analyte hexavalent chromium was detected in equipment blank and method blank samples as tested by Method E218.6. While these blank detections were below five (5) times the environmental sample results for TT-MW2-1, TT-MW2-3 and and TT-MW2-5, these samples are considered suspect since hexavalent chromium is not a known Site contaminant.

The validity of blank qualified data is suspect because the results are considered to have not originated from the native sample. These results are considered to be due to cross contamination from field and or laboratory operations. The levels of contaminants detected in the field or method blanks will qualify similar levels of the same detected analytes in environmental samples. Data so qualified are denoted with a "B" flag, are generally considered not usable and will not be included in subsequent analysis. All other data is considered valid and useable for its intended purposes.

4.3.2 Tentatively Identified Compounds

A TIC search was performed on the analytical test results from those gas chromatography/mass spectrometer (GC/MS) methods utilized during the Second Quarter 2006 monitoring event. The purpose of the TIC search is to isolate, identify and quantify unaccounted for peaks on chromatograms from VOC and semi-volatile organic compound analysis.

TICs are compounds identified on the basis of a mass spectral match to a database search of mass spectrums. Because the database of mass spectrums is gathered from instruments different from the instrument analyzing the sample the identification is only "tentative." Also, because of the nature of the process by which the compounds are identified the quantification is always considered estimated.

A TIC search can be viewed as a four part process consisting of:

1. The sample extract is injected onto the analytical column of the GC/MS instrument and analytes are separated as individual peaks on the chromatogram.
2. The individual peaks are examined by the instrument's computer and surrogates, internal standards, and target analytes are identified and analyzed.
3. When the TIC search is initiated the computer subtracts all of the surrogates, internal standards, and target analytes from the chromatogram.

4. The reduced chromatogram is examined for remaining peaks and the peak's mass spectrum is matched against the database library of mass spectrums.

However, these powerful measuring tools are complicated by using separate mass spectrometers to measure the compound and to generate the library of comparitive mass spectrum. This inconsistency in the process can result in a variability (mass spectrometer detector variations in configuration, ionization energies, and mass detection) that makes the match between the sample peak's mass spectrum and the database mass spectrum problematic. Therefore, the tentative identification of a compound can be said to be probable if the match between the instrument's mass spectrum and a database mass spectrum is within 15 percent (this percentage is referred to as a "Q" value). If the mass spectrum difference is 15 percent or more then the identification is too weak to be anything more than an unknown compound.

4.3.2.1 Tentatively Identified Compound Results

A summary of TICs reported in groundwater samples collected, their Q values, concentrations and some possible common sources is presented in Table 4-4. None of the detected compounds have corresponding published MCLs, federal or state, or DWNL standards. The TIC analysis was performed on environmental and field QC samples collected from the Second Quarter 2006 monitoring event. Laboratory analytical results for TICs from laboratory QC results (i.e., method blanks) are not available because, as a procedure, TICs detected in method blanks are automatically subtracted from the environmental sample being analyzed. A summary of all the TICs detected are provided in Appendix E and consolidated data summary tables are presented in Appendix A.

Table 4-4 Summary of Detected Tentatively Identified Compounds – Second Quarter 2006
Beaumont Site 2

Sample Designation	Analytical Method	SDG Designation	Tentatively Identified Compound	Concentration (µg/L)	MCL / DWNL (µg/L)	"Q" Value (1)	Compound Source Explanation
TT-MW2-3	SW8270C	06-06-1647	2-Pyrrolidinone, 1-methyl	10.2	-	79	The compound has a "Q" value less than 85. Therefore, the compound is considered unknown.
TT-MW2-5	SW8270C	06-06-1560	Sulfur	18.4	-	90	The compound is an artifact. This compound is not determined by the SW8270C method.

Notes:
Bold - MCL or California Department of Health Services state drinking water notification level exceeded.
(*) - No TICs identified in sample
" --" - Reporting Limit/Method Detection Limit or MCL/DWNL not available.
(1) - "Q" values below 85 should be considered an "unknown compound" because the match to the mass spectrum of the tentatively identified compound is poor.
DWNL - California Department of Health Services state drinking water notification level.
MCL - Maximum Contaminant Level.
µg/L - Micrograms per liter.
SDG - Sample delivery group.

4.4 CHEMICALS OF POTENTIAL CONCERN

An evaluation of COPC based on the results of the Second Quarter 2006 monitoring event was performed. The results were screened against the MCLs or DWNLs (if an MCL is not established). The analytes were organized and evaluated in two groups, organic and inorganic analytes, and divided into primary and secondary COPC. Table 4-5 presents a summary of validated organic and inorganic analytes detected during the Second Quarter and Third Quarter 2006 monitoring events. Laboratory analytical results from the Second Quarter and Third Quarter 2006 monitoring events are presented in the following two subsections.

4.4.1 Organic Analytes

Only one (1) organic analyte (RDX) was detected above a published MCL or DWNL. But because of the historical detection of TCE at concentrations above the MCL it was also included in the analysis. TCE concentrations reported in groundwater samples collected from the Site have been relatively low and common breakdown products have not been observed in groundwater samples analyzed.

Table 4-5 Summary of Validated Organic and Inorganic Analytes Detected Above the MCL or DWNL – Second Quarter and Third Quarter 2006
Beaumont Site 2

Second Quarter 2006						
Analytes Detected	**Total Number of Samples Analyzed (1)**	**Total Number of Detections (1)**	**Number of Detections Exceeding MCL or DWNL (1)**	**Corresponding MCL (unless noted) / DWNL**	**Minimum Concentration Detected**	**Maximum Concentration Detected**
Trichloroethene (3)	8	1	0	5.0 µg/L	4.2 µg/L	4.2 µg/L
RDX	3	1	1	0.3 µg/L (2)	<1.3 µg/L	1.6 µg/L
Arsenic (4)	8	4	1	0.05 mg/L	0.00406 mg/L J	0.0941 mg/L
Perchlorate	8	5	4	6.0 µg/L (2)	0.54 µg/L J	33000 µg/L
Third Quarter 2006						
Analytes Detected	**Total Number of Samples Analyzed (1)**	**Total Number of Detections (1)**	**Number of Detections Exceeding MCL or DWNL (1)**	**Corresponding MCL (unless noted) / DWNL**	**Minimum Concentration Detected**	**Maximum Concentration Detected**
Trichloroethene (3)	8	1	0	5.0	4.8 µg/L	4.8 µg/L
Perchlorate	8	4	4	6.0 (2)	298 µg/L	22200 µg/L

Notes:

Bold - MCL or California Department of Health Services state drinking water notification level exceeded.
" - " - MCL or California Department of Health Services state drinking water notification level not established.
(1) - Number of detections exclude sample duplicates, trip blanks and equipment blanks.
(2) - California Department of Health Services state drinking water notification level.
(3) - Based on historical detections, TCE is shown, see Subsection 4.4.1.
(4) - Unfiltered results are utilized for Title 22 metals.
DWNL - California Department of Health Services state drinking water notification level.
J - The analyte was positively identified and the result is usable; however, the analyte concentration is an estimated value
MCL - Maximum Contaminant Level.
mg/L - Milligrams per liter. µg/L - Micrograms per liter.

TCE was reported in groundwater collected from one well sampled during the Second Quarter and Third Quarter 2006 monitoring events at concentrations of 4.2 and 4. 8 µg/L, respectively. TCE was detected in

the groundwater samples collected from monitoring well TT-MW2-3, located in Historical Operational Area K. The concentrations of TCE in the groundwater sample collected from TT-MW2-3 decreased to 4.2 µg/L from 5.6 µg/L since the last quarterly monitoring event. TCE has not been reported in any of the other groundwater samples collected. Figures 4-2 and 4-3 presents groundwater sampling analytical results for TCE concentrations reported for the Second Quarter and Third Quarter 2006 monitoring events, respectively. Time-series graphs of TCE are provided in Appendix F.

RDX was reported in one (1) groundwater sample collected during the Second Quarter 2006 monitoring event at a concentration of 1.6 µg/L, which exceeds the RDX DWNL of 0.3 µg/L. RDX was detected in the groundwater sample collected from monitoring well TT-MW2-1, located in Historical Operational Area L. RDX was not reported in the test results of the groundwater samples collected from wells TT-MW2-3 and TT-MW2-5.

Other organic analytes detected at low levels and below their respective MCL or DWNL, where applicable, include acetone, 2-butanone, carbon disulfide, ethylbenzene, toluene, 1,2,3-trichloropropane, ortho-xylene and meta/para xylene. Acetone, methylene chloride and 1,2,3-trichloropropane data were qualified as blank contamination. Carbon disulfide and 2-butanone have not been consistently detected at the Site and are believed to be the result of field or laboratory cross-contamination and are not considered representative of groundwater conditions at the Site. Toluene, ethylbenzene and xylenes have been detected in groundwater samples collected from one recently installed well at the Site at concentrations well below their respective MCLs.

Based on the analysis above and the concentrations detected during previous groundwater monitoring events (Table 2-3), no organic primary COPC have been identified at the Site. Based on the limited and low TCE concentrations reported in groundwater samples collected from the Site, TCE is regarded as a secondary COPC. The distribution and concentration of TCE reported in groundwater samples collected will continue to be monitored.

4.4.2 Inorganic Analytes

Table 4-3 presents a summary of validated inorganic analyte concentrations reported in groundwater samples collected during the Second Quarter and Third Quarter 2006 monitoring events. Two (2) inorganic analytes (perchlorate and arsenic) were detected above a published MCL or DWNL.

Perchlorate was reported in groundwater samples collected from four (4) locations during both the Second Quarter and Third Quarter 2006 monitoring events, at concentrations ranging to 33,000 µg/L, and all of

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0 500 1,000 1,500 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

Sampled Well

Note: Bold indicates corresponding MCL or DWNL exceeded.

Concentrations shown are in micrograms per liter (µg/L).

TT-MW2-5 and TT-MW2-6S/D locations are approximate.

J - Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

Beaumont Site 2

Figure 4-3
Perchlorate and TCE Concentrations (µg/L)
Second Quarter 2006

Tetra Tech, Inc.

February 2007

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0 500 1,000 1,500 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

Sampled Well

Note: Bold indicates corresponding MCL or DWNL exceeded.

Concentrations shown are in micrograms per liter (µg/L).

TT-MW2-5 and TT-MW2-6S/D locations are approximate.

J - Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

Beaumont Site 2

Figure 4-4
Perchlorate and TCE Concentrations (µg/L)
Third Quarter 2006

Tetra Tech, Inc.

February 2007

which exceed the perchlorate DWNL of 6 µg/L. Perchlorate was also detected in the groundwater sample collected from well TT-MW2-6D at 0.54 µg/L during the Second Quarter 2006 monitoring event. During these events, the highest concentrations of perchlorate were detected in the groundwater samples collected from monitoring well TT-MW2-3, located in Historical Operational Area K. Perchlorate was also detected in groundwater samples collected from wells TT-MW2-1, TT-MW2-5, and TT-MW2-6S.

Since the last quarterly monitoring event perchlorate concentrations in groundwater samples collected increased in TT-MW2-1 from 4,200 µg/L to 4,500 µg/L, decreased in TT-MW2-3 from 68,000 µg/L to 33,000 µg/L, decreased in TT-MW2-5 from 910 µg/L to 890 µg/L and decreased in TT-MW2-6S from 280 µg/L to 270 µg/L. Concentrations of perchlorate were reported in the groundwater samples collected from well TT-MW2-6D at 0.54 µg/L J (an estimated value). Concentrations of perchlorate were not reported above the LRL in groundwater samples collected from wells TT-MW2-2, TT-MW2-4S and TT-MW2-4D during the Second Quarter or Third Quarter 2006 monitoring events. Figures 4-2 and 4-3 presents groundwater sampling analytical results for perchlorate concentrations reported for the Second Quarter and Third Quarter 2006 monitoring events, respectively. Time-series graphs of perchlorate are provided in Appendix F.

Arsenic was reported in one (1) groundwater sample collected from monitoring well TT-MW2-4D during the Second Quarter 2006 monitoring event at a concentration of 0.0941 mg/L (total), which exceeds the arsenic MCL of 0.05 mg/L. This nested well is screened in the bedrock HSU, a different HSU from the alluvial/weathered San Timoteo Formation screened TT-MW2-1, TT-MW2-3, and TT-MW2-5 wells. As previously discussed (Tetra Tech, 2005b), the concentrations of arsenic reported in groundwater samples collected are believed to result from naturally occurring arsenic and not a result of former Site operations.

The only other inorganic analyte detected at low levels and below it's respective MCL was lead. At this time, the metals (including arsenic), are considered neither primary nor secondary COPC at the Site.

Based on the analysis above the concentrations detected during previous groundwater monitoring events (Table 2-3), perchlorate is the only inorganic primary COPC identified at the Site. No secondary COPCs were identified. Metals will continue to be evaluated as additional monitoring points are added to the network.

4.5 GROUNDWATER QUALITY STATISTICAL TEMPORAL TREND ANALYSIS

Temporal trend analysis of perchlorate and TCE were performed on groundwater sampling results from eight (8) wells sampled between Second Quarter 2004 and Second Quarter 2006. Trends were analyzed using Mann-Kendall and linear regression analysis. A brief description of the methods follow:

- Mann-Kendall Analysis – This statistical procedure was used to evaluate the data for trends. A non-parametric statistical procedure that is well suited for analyzing trends in data over time, does not require assumptions as to the statistical distribution of the data and can be used with irregular sampling intervals and missing data. The Mann-Kendall test for trend is suitable for analyzing data that follows a normal or non-normal distribution pattern. The Mann-Kendall test has no distributional assumptions and allows for irregularly spaced measurement periods. The advantage with this approach involves the cases where outliers in the data would produce biases estimates of the least squares estimated slope.

- Linear Regression Analysis – This statistical procedure was used to calculate the magnitude of the trends. A parametric statistical procedure that is typically used for analyzing trends in data over time and requires a normal statistical distribution of the data.

There are six (6) statistical concentration trend types derived from Mann-Kendall analysis: 1) decreasing (D), 2) increasing (I) 3) no trend (NT), 4) probably decreasing (PD), 5) probably increasing (PI), and 6) stable (S). These statistical concentration trend types are determined by the following conditions summarized in Table 4-6 (AFCEE, 2004).

Table 4-6 Mann-Kendall Concentration Trend Matrix
Beaumont Site 2

Mann-Kendall Statistic (S)	Confidence in Trend	Concentration Trend
S > 0	> 95%	Increasing
S > 0	90 - 95%	Probably Increasing
S > 0	< 90%	No Trend
S ≤ 0	< 90% and COV ≥1	No Trend
S ≤ 0	< 90% and COV < 1	Stable
S < 0	90 - 95%	Probably Decreasing
S < 0	> 95%	Decreasing

Notes:

> - Greater than.
≥ - Greater than or equal to.
< - Less than.
≤ - Less than or equal to.
COV - Coefficient of Variation.
S - Mann-Kendall statistic

where,

- The Mann-Kendall statistic (S) measures the trend in the data. Positive values indicate an increase in constituent concentrations over time, whereas negative values indicate a decrease in

constituent concentrations over time. The strength of the trend is proportional to the magnitude of the Mann-Kendall Statistic (i.e., large magnitudes indicate a strong trend).

- The Coefficient of Variation (COV) is a statistical measure of how the individual data points vary about the mean value. Values less than or near 1.00 indicate that the data form a relatively close group about the mean value. Values larger than 1.00 indicate that the data show a greater degree of scatter about the mean.

- The "Confidence in Trend" is the statistical confidence that the constituent concentration is increasing (S>0) or decreasing (S<0).

If there is insufficient data, less than four sampling events, then not applicable (NA) would be applied to the results. A complete summary of the results of the Mann-Kendall and linear regression analyses for all the groundwater monitoring wells evaluated is presented in Appendix G.

The results of the Mann-Kendall analyses for perchlorate indicated that wells TT-MW2-1, TT-MW2-2, TT-MW2-3, TT-MW2-4S and TT-MW2-4D displayed no trend and wells TT-MW2-5, TT-MW2-6S and TT-MW2-6D had insufficient data to evaluate trends. Perchlorate was not detected above the method detection limit in groundwater samples from wells TT-MW2-2 and TT-MW2-4D. The results of the Mann-Kendall analyses for TCE indicated that well TT-MW2-3 displayed no trend and wells TT-MW2-1, TT-MW2-2, TT-MW2-4S and TT-MW2-4D displayed a stable trend. TCE was not detected above the method detection limit in groundwater samples from wells TT-MW2-1, TT-MW2-2, TT-MW2-4S and TT-MW2-4D. Wells TT-MW2-5, TT-MW2-6S and TT-MW2-6D had insufficient data to evaluate trends. A summary of the Mann-Kendall and linear regression analyses is presented in Table 4-7.

Table 4-7 Summary of Mann-Kendall and Linear Regression Statistical Analysis
Beaumont Site 2

Sample Location	Perchlorate		Trichloroethene	
	M-K Trend	LR	M-K Trend	LR
TT-MW2-1	No Trend	Not utilized.	Stable (1)	Not utilized.
TT-MW2-2	No Trend (1)	Not utilized.	Stable (1)	Not utilized.
TT-MW2-3	No Trend	Not utilized.	No Trend	Not utilized.
TT-MW2-4S	No Trend	Not utilized.	Stable (1)	Not utilized.
TT-MW2-4D	No Trend (1)	Not utilized.	Stable (1)	Not utilized.
TT-MW2-5	N/A	Not utilized.	N/A	Not utilized.
TT-MW2-6S	N/A	Not utilized.	N/A	Not utilized.
TT-MW2-6D	N/A	Not utilized.	N/A	Not utilized.

Notes:
(1) - No detections of the analyte were reported above the MDL.
M-K - Mann-Kendall
N/A - Not applicable, due to insufficient data (< 4 sampling events).
LR - Linear regression.

4.6 HABITAT CONSERVATION

Consistent with the U.S. Fish and Wildlife Service approved Habitat Conservation Plan (USFWS, 2005) and subsequent clarifications (LMC, 2006a and 2006b) of the Plan describing activities for environmental remediation at the Site, all field activities were performed under the supervision of a Section 10A permitted or sub-permitted biologist who monitored each work location. As a result, no impact to SKR occurred during the performance of the field activities related to the Second Quarter and Third Quarter 2006 monitoring events.

5.0 SUMMARY AND CONCLUSIONS

For the Second Quarter and Third Quarter 2006 groundwater monitoring events, eight (8) monitoring well locations were measured for groundwater levels and sampled for groundwater quality.

5.1 GROUNDWATER ELEVATION AND FLOW

During the Second Quarter and Third Quarter 2006 monitoring events, depth to water was approximately 68 feet bgs (elevation of 2069 feet msl, TT-MW2-2) in the northern most well and 37 feet bgs (elevation of 1,881 feet msl, TT-MW2-5) downgradient in the southern most well.

Although only limited groundwater elevation data are available, based on the measured groundwater elevations, the current CSM, and the southward sloping topography at the Site, groundwater flow appears to be southerly and to generally follow the topography of Laborde Canyon. Groundwater flow will be refined as additional data are acquired.

Generally, groundwater elevation at the Site is relatively stable demonstrating a limited but delayed seasonal rise and fall. There is insufficient data to discuss any long term trends in groundwater elevation at this time.

5.2 WATER QUALITY MONITORING EVENT

Based on the historical operations at the Site and past groundwater monitoring results, the two COPC at the Site are perchlorate and TCE. Groundwater samples collected during the Second Quarter and Third Quarter 2006 monitoring events were tested for perchlorate and VOCs. As part of the continuing overall groundwater characterization process at the Site, and to assess the potential for emerging contaminants, selected groundwater samples collected from the Second Quarter 2006 monitoring event were also tested for 1,4-dioxane, RDX, NDMA, 1,2,3-trichloropropane and the metals arsenic, beryllium, cadmium, lead and hexavalent chromium.

During these reporting periods RDX, arsenic, and perchlorate were the only analytes detected above an MCL or DWNL. The arsenic is considered non-anthropogenic and will be further characterized as part of an evaluation of background concentrations. Low level RDX was detected in the groundwater sampled from well TT-MW2-1 and it is not considered a contaminant of interest at the Site. Also, RDX was not reported in the test results of the groundwater samples collected from other select wells (TT-MW2-3 and TT-MW2-5).

Perchlorate was reported in groundwater samples collected from four (4) locations during the Second Quarter and Third Quarter 2006 monitoring events, at concentrations ranging to 33,000 µg/L, and all of

which exceed the perchlorate DWNL of 6 µg/L. The highest concentrations of perchlorate were detected in the groundwater samples collected from monitoring well TT-MW2-3, located in Historical Operational Area K. Well TT-MW2-3 is located in Historical Operational Area K and may be screened across or near the alluvial/Weathered San Timoteo Formation - San Timoteo Formation contact. The remaining wells, TT-MW2-1, TT-MW2-5 and TT-MW2-6S, are screened in the alluvium/weathered San Timoteo Formation.

TCE was reported in the groundwater samples collected from monitoring well TT-MW2-3 during the Second Quarter and Third Quarter 2006 monitoring events at concentrations of 4.2 and 4.8 µg/L, which are below the TCE MCL of 5 µg/L. TCE has consistently been detected in this well at similar concentrations since it was installed in 2004. This well may be screened across two (2) HSUs and is currently being evaluated to determine if it needs to be destroyed and replaced.

Based on historical and the groundwater monitoring results from Second Quarter and Third Quarter 2006, perchlorate will continue to be the primary COPC and TCE will continue to be a secondary COPC.

Temporal Trend Analysis

Temporal trend analysis of perchlorate and TCE were performed on groundwater sampling results from eight (8) wells sampled between Second Quarter 2004 and Second Quarter 2006. Trends were analyzed using Mann-Kendall and the magnitude of the trends was determined using linear regression analysis.

The results of the Mann-Kendall analyses for perchlorate indicated that wells TT-MW2-1, TT-MW2-2, TT-MW2-3, TT-MW2-4S and TT-MW2-4D displayed no trend and wells TT-MW2-5, TT-MW2-6S and TT-MW2-6D had insufficient data to evaluate trends. Perchlorate was not detected above the method detection limit in groundwater samples from wells TT-MW2-2 and TT-MW2-4D. The results of the Mann-Kendall analyses for TCE indicated that well TT-MW2-3 displayed no trend and wells TT-MW2-1, TT-MW2-2, TT-MW2-4S and TT-MW2-4D displayed a stable trend. TCE was not detected above the method detection limit in groundwater samples from wells TT-MW2-1, TT-MW2-2, TT-MW2-4S and TT-MW2-4D. Wells TT-MW2-5, TT-MW2-6S and TT-MW2-6D had insufficient data to evaluate trends. A summary of the Mann-Kendall and linear regression analyses is presented in Table 4-7.

Tentatively Identified Compound Search

As part of the GMP for the Site, a TIC search was performed on the test results from the groundwater samples from the Second Quarter 2006 monitoring event. The purpose of the TIC search is to isolate, identify and quantify unaccounted for peaks on chromatograms from VOC and semi-volatile organic

compound analysis. A tentative identification of a compound can be said to be probable if the match between the instrument's mass spectrum and a database mass spectrum is within 15 percent. In the groundwater samples collected, neither of the two (2) compounds detected could be properly matched to compounds in the reference library.

5.3 WATER QUALITY MONITORING NETWORK

Six (6) quarters of water quality monitoring have been conducted at the Site since the September 2004 well installation activities. Groundwater samples have been routinely analyzed for VOCs and perchlorate. Selected testing for Title 22 metals, general minerals, 1,4-dioxane, RDX, NDMA, 1,2,3-trichloropropane and hexavalent chromium has also been performed. Based on groundwater monitoring results to date, the following monitoring frequency and testing are proposed. The arsenic is considered non-anthropogenic and will continue to be monitored annually until an evaluation of background concentrations can be performed. Because of the low level detection of RDX in one well, one additional sampling for RDX will be conducted in the one well producing the positive detection. Because perchlorate and TCE are considered COPCs, these two analytes will continue to be monitored for routinely.

Due to the detection of perchlorate concentrations above the DWNL in groundwater samples collected from TT-MW2-5 and TT-MW2-6S, installation of additional groundwater monitoring wells downgradient of these wells has been proposed. In addition to the plans to further delineate the downgradient water quality, a work plan describing proposed activities to install groundwater monitoring wells at 10 locations across Historical Operational Areas J, K, L and M (titled *Groundwater Monitoring Well Installation Work Plan*) was also submitted to the DTSC. Both of these plans were approved by the DTSC and installation of these groundwater monitoring wells and a piezometer occurred between August and November 2006. A report is in preparation which describes the well installations and initial groundwater sampling results collected from the newly installed wells. The data generated from the new well installations will be used to further assess the horizontal and vertical extent of perchlorate and TCE affected groundwater and the groundwater flow pattern will be refined on the hydrogeologic system that exists beneath the Site.

A groundwater monitoring sampling and analysis plan (SAP) is being prepared to optimize and better define the GMP at the Site. When this plan is approved by the DTSC all monitoring will be done in accordance with this document. All wells installed as part of ongoing investigations at the Site will be incorporated into the program as specified in the pending SAP.

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7.0 ACRONYMS

1,2,3-TCP	1,2,3-trichloropropane
ARCH	air rotary casing hammer
bgs	below ground surface
btoc	below top of casing
CDHS	California Department of Health Services
COPC	chemical(s) of potential concern
CSM	Conceptual Site Model
DTSC	Department of Toxic Substances Control
DWNL	state drinking water notification level
EC	electrical conductivity
EPA	United States Environmental Protection Agency
GCR	Grand Central Rocket Company
GMP	Groundwater Monitoring Program
HSA	hollow stem auger
HSUs	Hydrostratigraphic units
LAC	Lockheed Aircraft Corporation
LEBs	equipment blanks
LMC	Lockheed Martin Corporation
LPC	Lockheed Propulsion Company
LR	Linear Regression
LRLs	laboratory reporting limits
LTB	trip blank
M	Monitoring well
MCL	maximum contaminant level
mg/L	milligram per liter
M-K	Mann-Kendall
MS	matrix spike
MSD	matrix spike duplicate

msl	mean sea level
µg/L	micrograms/liter
NA	Not applicable
NDMA	N-nitrosodimethylamine
NWS	National Weather Service
ND	Not detected
PVC	Polyvinyl chloride
QAL	Quaternary alluvium
QA/QC	quality assurance/quality control
RDX	Royal Demolition Explosives
SAP	Sampling and Analysis Plan
SKR	Stephens' Kangaroo rat
SS	stainless steel
STF	San Timoteo Formation
SVOCs	semi-volatile organic compounds
TCE	trichloroethene
TIC	tentatively identified compound
TOC	top of casing
TOS	top of screen
U.S.	United States
USFWS	United States Fish and Wildlife Service
VOCs	volatile organic compounds
WCA	West Coast Analytical Services, Inc.
WSTF	Weathered San Timoteo Formation

APPENDIX A – CONSOLIDATED DATA SUMMARY TABLE

VALIDATION GUIDELINES

Validation Qualifiers

B: The sample result is less than 5 times (10 times for common organic laboratory contaminants) the blank contamination. The result qualified for blank contamination is considered not to have originated from the environmental sample, since cross-contamination is suspected.

J: The analyte was positively identified, but the analyte concentration is an estimated value.

R: The sample result is rejected and not usable for any purpose. The presence or absence of the analyte cannot be verified.

U: The analyte was analyzed for, but was not detected above the MDL.

UJ: The analyte was not detected above the MDL. However, the MDL may be elevated above the reported detection limit.

Y: Confirmation column results indicate a non-detect for the target analyte.

Qualifier Descriptors

a: The analyte was found in the method blank.

b: The surrogate spike recovery was outside control limits.

c: The Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) recoveries were outside control limits.

d: The Laboratory Control Sample (LCS) recovery was outside control limits.

e: A holding time violation occurred.

f: The duplicate samples Relative Percent Difference (RPD) was outside the control limit.

g: The datum met prescribed method criteria.

h: The method requires a confirmation result, but none was performed..

k: The analyte was found in a field blank.

l: The second column confirmation result indicates the analyte was not confirmed.

n: The laboratory case narrative indicated a QC problem.

p: The result was qualified based on professional judgement.

q: The analyte detection was below the Practical Quantitation Limit (PQL).

r: The result is above the instrument's calibration range.

t: The sample temperature was outside acceptance criteria.

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					A2320B		E160.1	E1624	E1625C	E1625C	E218.6	E300.0			E314.0	E524.2
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Alkalinity, Bicarbonate (as CaCO3) -mg/L	Alkalinity, Carbonate (as CaCO3) -mg/L	Total Filterable Residue -mg/L	1,4-Dioxane -ug/L	1,4-Dioxane -ug/L	N-Nitrosodimethylamine -ng/L	Chromium, Hexavalent - ug/L	Chloride -mg/L	Nitrate -mg/L	Sulfate -mg/L	Perchlorate -ug/L	1,2,3-Trichloropropane -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered				<1.1		<0.55					3500	
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered					<1.1	<0.55					7100	
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	200	<0.85	620					180	9.3	44 Bk	2400	
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered												
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	180	<0.85	640					160	8.7	44 Bk	3000	
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered												
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Unfiltered											3500	
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Filtered												
TT-MW2-1	52.85	1982.36	03/09/06	03/16/06	Unfiltered											4200	
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Filtered												
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Unfiltered						<0.48	2.9				4500	<0.0017
TT-MW2-1	53.92	1981.29	09/07/06	10/02/06	Unfiltered											4850	
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered				<1.1		<0.55					<0.46	
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered					<1.1	<0.55					<0.46	
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	130	16	440					44	<0.028	92 Bk	<0.59	
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered												
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	130	4.0	290					47	<0.028	39 Bk	<0.59	
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered												
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Unfiltered											<0.59	
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Filtered												
TT-MW2-2	68.12	2069.63	03/09/06	03/16/06	Unfiltered											<0.59	
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Filtered												
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Unfiltered											<0.43	<0.0017
TT-MW2-2	68.43	2069.32	09/07/06	10/02/06	Unfiltered											<0.5	

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					A2320B		E160.1	E1624	E1625C	E1625C	E218.6	E300.0			E314.0	E524.2
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Alkalinity, Bicarbonate (as CaCO3) -mg/L	Alkalinity, Carbonate (as CaCO3) -mg/L	Total Filterable Residue -mg/L	1,4-Dioxane -ug/L	1,4-Dioxane -ug/L	N-Nitrosodimethylamine -ng/L	Chromium, Hexavalent - ug/L	Chloride -mg/L	Nitrate -mg/L	Sulfate -mg/L	Perchlorate -ug/L	1,2,3-Trichloropropane -ug/L
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered				<1.1		<0.55					1300	
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered					<1.1	<0.55					740	
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	90	<0.85	800					270	12 Je	51 Bk	53000	
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	86	<0.85	720					290	12	51 Bk	68000	
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered												
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Unfiltered											65000	
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Filtered												
TT-MW2-3	69.03	2025.63	03/09/06	03/16/06	Unfiltered											68000	
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Filtered												
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Unfiltered						<0.48	1.2				32000	<0.0017 UJc
TT-MW2-3	69.45	2025.21	09/07/06	10/02/06	Unfiltered											22200	
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered				<1.1		<0.55					<0.46	
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered					<1.1	<0.55					<0.46	
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	34	40	220					20	<0.028	29 Bk	<0.59	
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered												
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	46	24	260					22	<0.028	32	<0.59	
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered												
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Unfiltered											<0.59	
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Filtered												
TT-MW2-4D	56.08	1931.08	03/09/06	03/16/06	Unfiltered											<0.59	
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Filtered												
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Unfiltered											<0.43	<0.0017
TT-MW2-4D	56.07	1931.09	09/07/06	10/02/06	Unfiltered											<0.5	

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					A2320B		E160.1	E1624	E1625C	E1625C	E218.6	E300.0			E314.0	E524.2
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Alkalinity, Bicarbonate (as CaCO3) -mg/L	Alkalinity, Carbonate (as CaCO3) -mg/L	Total Filterable Residue -mg/L	1,4-Dioxane -ug/L	1,4-Dioxane -ug/L	N-Nitrosodimethylamine -ng/L	Chromium, Hexavalent - ug/L	Chloride -mg/L	Nitrate -mg/L	Sulfate -mg/L	Perchlorate -ug/L	1,2,3-Trichloropropane -ug/L
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered				<1.1		<0.55					<0.46	
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered					<1.1	<0.55					<0.46	
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered	120	12	300					39	0.56	40 Bk	<0.59	
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered												
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	100	8.0	310					36	0.38	51 Bk	2.1	
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered												
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Unfiltered											<0.59	
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Filtered												
TT-MW2-4S	49.25	1937.69	03/09/06	03/16/06	Unfiltered											<0.59	
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Filtered												
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Unfiltered											<0.43	<0.0017
TT-MW2-4S	49.41	1937.53	09/07/06	10/02/06	Unfiltered											<0.5	
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Unfiltered											810	
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Filtered												
TT-MW2-5	36.35	1881 (estimated)	12/29/05	12/29/05	Unfiltered											860	
TT-MW2-5	36.77	1881 (estimated)	03/09/06	03/16/06	Unfiltered											910	
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Filtered												
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Unfiltered					<0.40	<0.48	1.0				890	0.0018 BJaq
TT-MW2-5	37.31	1881 (estimated)	09/07/06	10/02/06	Unfiltered											981	
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Unfiltered											<0.59	
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Filtered												
TT-MW2-6D	34.23	1882 (estimated)	12/29/05	12/29/05	Unfiltered											0.65 Jq	
TT-MW2-6D	34.36	1882 (estimated)	03/09/06	03/16/06	Unfiltered											<0.59	
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Filtered												
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Unfiltered											0.54 Jq	0.0018 BJaq
TT-MW2-6D	34.83	1881 (estimated)	09/07/06	10/02/06	Unfiltered											<0.5	
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Unfiltered											160	
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Filtered												
TT-MW2-6S	33.01	1883 (estimated)	12/29/05	12/29/05	Unfiltered											220	
TT-MW2-6S	33.51	1882 (estimated)	03/09/06	03/16/06	Unfiltered											280	
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Filtered												
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Unfiltered											270	<0.0017
TT-MW2-6S	33.86	1882 (estimated)	09/07/06	10/02/06	Unfiltered											298	

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW6010 - Metals										
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Antimony -mg/L	Arsenic -mg/L	Barium -mg/L	Beryllium -mg/L	Cadmium -mg/L	Calcium -mg/L	Chromium -mg/L	Cobalt -mg/L	Copper -mg/L	Lead -mg/L	Magnesium -mg/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<0.00209	<0.00308	0.220	<0.000176	<0.000350		0.0172	0.00591	0.0129	<0.00236	
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<0.00209	<0.00308	0.0933	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<0.00209	<0.00308	0.209	<0.000176	<0.000350	79.4	0.0209	0.00634	0.0112	<0.00236	16.9
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered											
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<0.00209	<0.00308	0.133	<0.000176	<0.000350	62.0	0.00557	<0.000696	0.00600	<0.00236	11.1
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered	<0.00209	<0.00308	0.125	<0.000176	<0.000350		0.00506	<0.000696	<0.00134	<0.00236	
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Unfiltered	<0.00209	<0.00308	0.135	<0.000176	<0.000350		0.00461 Jq	<0.000696	<0.00134	<0.00236	
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Filtered	<0.00209	<0.00308	0.132	<0.000176	<0.000350		0.00280 Jq	<0.000696	<0.00134	<0.00236	
TT-MW2-1	52.85	1982.36	03/09/06	03/16/06	Unfiltered											
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Filtered		<0.00308		<0.000176	<0.000350					<0.00236	
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Unfiltered		<0.00308		<0.000176	<0.000350					<0.00236	
TT-MW2-1	53.92	1981.29	09/07/06	10/02/06	Unfiltered											
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<0.00209	<0.00308	0.0299	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<0.00209	<0.00308	0.0266	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	<0.00209	<0.00308		<0.000176	<0.000350	10.1		<0.000696	<0.00134	<0.00236	1.79 Jc
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered			0.0433				<0.000350				
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<0.00209	<0.00308	0.0128	<0.000176	<0.000350	7.48	<0.000350	<0.000696	<0.00134	<0.00236	1.07
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered	<0.00209	<0.00308	<0.000719	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Unfiltered	<0.00209	0.00576 Jq	0.0299	0.000661 BJkq	<0.000350		0.00192 Jq	0.00152 Jq	0.00200 Jq	0.00327 Jq	
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Filtered	<0.00209	0.00554 Jq	0.00745 Jq	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-2	68.12	2069.63	03/09/06	03/16/06	Unfiltered											
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Filtered		0.00505 Jq		<0.000176	<0.000350					0.00278 Jq	
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Unfiltered		0.00406 Jq		<0.000176	<0.000350					<0.00236	
TT-MW2-2	68.43	2069.32	09/07/06	10/02/06	Unfiltered											

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW6010 - Metals										
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Antimony -mg/L	Arsenic -mg/L	Barium -mg/L	Beryllium -mg/L	Cadmium -mg/L	Calcium -mg/L	Chromium -mg/L	Cobalt -mg/L	Copper -mg/L	Lead -mg/L	Magnesium -mg/L
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<0.00209	<0.00308	0.112	<0.000176	<0.000350		0.00656	<0.000696	0.00501	<0.00236	
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<0.00209	<0.00308	0.0974	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<0.00209	<0.00308	0.145	<0.000176	<0.000350	93.2	<0.000350	<0.000696	<0.00134	<0.00236	12.9
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<0.00209	<0.00308	0.120	<0.000176	<0.000350	87.3	0.00563	<0.000696	0.00514 Jf	<0.00236	13.8
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered	<0.00209	<0.00308	0.104	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Unfiltered	<0.00209	<0.00308	0.105	<0.000176	<0.000350		0.00118 Jq	<0.000696	<0.00134	<0.00236	
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Filtered	<0.00209	<0.00308	0.0988	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-3	69.03	2025.63	03/09/06	03/16/06	Unfiltered											
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Filtered		<0.00308		<0.000176	<0.000350					<0.00236	
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Unfiltered		<0.00308		<0.000176	<0.000350					<0.00236	
TT-MW2-3	69.45	2025.21	09/07/06	10/02/06	Unfiltered											
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<0.00209	0.0833	0.0532	<0.000176	<0.000350		0.0115	<0.000696	0.00882	<0.00236	
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<0.00209	0.0791	<0.000719	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	<0.00209	0.0964	0.130	<0.000176	<0.000350	11.7	0.0396	0.0135	<0.00134	0.0114	8.80
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered											
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	<0.00209	0.0569	0.0587	<0.000176	<0.000350	6.84	0.0115	0.00522	0.0142	<0.00236	4.18
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered	<0.00209	0.0823	<0.000719	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Unfiltered	<0.00209	0.0800	0.0341	<0.000176	<0.000350		0.0104	0.00434 Jq	0.00473 Jq	0.00284 Jq	
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Filtered	0.00247 Jq	0.0801	0.00151 Jq	<0.000176	<0.000350		0.00104 BJkq	<0.000696	<0.00134	<0.00236	
TT-MW2-4D	56.08	1931.08	03/09/06	03/16/06	Unfiltered											
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Filtered		0.0901		<0.000176	<0.000350					<0.00236	
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Unfiltered		0.0941		<0.000176	<0.000350					<0.00236	
TT-MW2-4D	56.07	1931.09	09/07/06	10/02/06	Unfiltered											

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW6010 - Metals										
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Antimony -mg/L	Arsenic -mg/L	Barium -mg/L	Beryllium -mg/L	Cadmium -mg/L	Calcium -mg/L	Chromium -mg/L	Cobalt -mg/L	Copper -mg/L	Lead -mg/L	Magnesium -mg/L
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	0.0177	0.0598	0.256	0.00230	<0.000350		0.0573	0.0194	0.0427	0.0188	
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<0.00209	0.0427	0.0752	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered		0.0573		<0.000176	<0.000350	7.68		0.00692	<0.00134	<0.00236	3.42
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered	<0.00209		0.0774				<0.000350				
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	0.0932	<0.00308	1.87	0.0118	<0.000350	157	0.296	0.123	0.287	0.127	102
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered	<0.00209	0.0430	<0.000719	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236	
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Unfiltered	<0.00209	0.230	4.83	0.0333	<0.000350		0.693	0.294	0.682	0.362	
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Filtered	<0.00209	0.0444	0.00519 Jq	<0.000176	<0.000350		0.00356 BJkq	<0.000696	<0.00134	<0.00236	
TT-MW2-4S	49.25	1937.69	03/09/06	03/16/06	Unfiltered											
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Filtered		0.0469		<0.000176	<0.000350					<0.00236	
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Unfiltered		0.0490		<0.000176	<0.000350					<0.00236	
TT-MW2-4S	49.41	1937.53	09/07/06	10/02/06	Unfiltered											
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Unfiltered	<0.00209	<0.00308	0.0524	<0.000176	<0.000350		0.00565	0.00203 Jq	0.00186 Jq	<0.00236	
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Filtered	<0.00209	<0.00308	0.0433	<0.000176	<0.000350		0.00337 BJkq	0.000951 Jq	<0.00134	<0.00236	
TT-MW2-5	36.35	1881 (estimated)	12/29/05	12/29/05	Unfiltered											
TT-MW2-5	36.77	1881 (estimated)	03/09/06	03/16/06	Unfiltered											
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Filtered		<0.00308		<0.000176	<0.000350					<0.00236	
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Unfiltered		<0.00308		<0.000176	<0.000350					<0.00236	
TT-MW2-5	37.31	1881 (estimated)	09/07/06	10/02/06	Unfiltered											
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Unfiltered	<0.00209	0.0123	0.0739	0.000839 Jq	<0.000350		0.0116	0.00513	0.00861	0.00894 Jq	
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Filtered	<0.00209	0.00684 Jq	0.00232 Jq	<0.000176	<0.000350		0.00262 BJkq	0.000796 Jq	<0.00134	<0.00236	
TT-MW2-6D	34.23	1882 (estimated)	12/29/05	12/29/05	Unfiltered											
TT-MW2-6D	34.36	1882 (estimated)	03/09/06	03/16/06	Unfiltered											
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Filtered		0.0126		<0.000176	<0.000350					<0.00236	
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Unfiltered		0.0127		<0.000176	<0.000350					<0.00236	
TT-MW2-6D	34.83	1881 (estimated)	09/07/06	10/02/06	Unfiltered											
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Unfiltered	<0.00209	0.0137	0.447	0.00439	<0.000350		0.0579	0.0290	0.0671	0.0514	
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Filtered	<0.00209	<0.00308	0.0121	<0.000176	<0.000350		0.00314 BJkq	0.000913 Jq	<0.00134	<0.00236	
TT-MW2-6S	33.01	1883 (estimated)	12/29/05	12/29/05	Unfiltered											
TT-MW2-6S	33.51	1882 (estimated)	03/09/06	03/16/06	Unfiltered											
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Filtered		<0.00308		<0.000176	<0.000350					<0.00236	
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Unfiltered		<0.00308		<0.000176	<0.000350					<0.00236	
TT-MW2-6S	33.86	1882 (estimated)	09/07/06	10/02/06	Unfiltered											

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW6010 - Metals									SW7470
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Molybdenum -mg/L	Nickel -mg/L	Potassium -mg/L	Selenium -mg/L	Silver -mg/L	Sodium -mg/L	Thallium -mg/L	Vanadium -mg/L	Zinc -mg/L	Mercury -mg/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	0.00521	0.0120		<0.00295	<0.000400		<0.00233	0.0288	0.0460	<0.0000672
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	0.00736	<0.00137		<0.00295	<0.000400		<0.00233	0.00626	0.0334	<0.0000672
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<0.000800	0.0144	3.51	<0.00295	<0.000400	173	<0.00233	0.0257		<0.0000672
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered									<0.000848	
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<0.000800	<0.00137	2.42	<0.00295	<0.000400	169	<0.00233	0.00528	0.0149 Bk	<0.0000672
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered	<0.000800	<0.00137		<0.00295	<0.000400		<0.00233	<0.000314	0.0125 Bk	
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Unfiltered	<0.000800	<0.00137		0.00441 BJkq	<0.000400		0.0143 BJaq	0.00423 Jq	0.00780 Jq	<0.0000672
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Filtered	<0.000800	<0.00137		0.0264 Bk	<0.000400		0.00779 BJaq	0.00415 Jq	<0.000848	<0.0000672
TT-MW2-1	52.85	1982.36	03/09/06	03/16/06	Unfiltered										
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Filtered										
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Unfiltered										
TT-MW2-1	53.92	1981.29	09/07/06	10/02/06	Unfiltered										
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<0.000800	<0.00137		<0.00295	<0.000400		<0.00233	0.0166	0.0228	<0.0000672
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<0.000800	<0.00137		<0.00295	<0.000400		<0.00233	0.0131	0.0179 Jf	<0.0000672
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	<0.000800	<0.00137	1.22	<0.00295		129	<0.00233	0.0109	0.0188 Jc	<0.0000672
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered					<0.000400					
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<0.000800	<0.00137	0.813	<0.00295	<0.000400	110	<0.00233	0.0107	0.0134	<0.0000672
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered	<0.000800	<0.00137		<0.00295	<0.000400		<0.00233	0.0134	<0.000848	
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Unfiltered	<0.000800	0.00292 Jq		<0.00295	<0.000400		<0.00233	0.0144	0.0147	<0.0000672
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Filtered	0.00154 BJakq	<0.00137		<0.00295	<0.000400		<0.00233	0.00977	0.00105 Jq	<0.0000672
TT-MW2-2	68.12	2069.63	03/09/06	03/16/06	Unfiltered										
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Filtered										
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Unfiltered										
TT-MW2-2	68.43	2069.32	09/07/06	10/02/06	Unfiltered										

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW6010 - Metals									SW7470
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Molybdenum -mg/L	Nickel -mg/L	Potassium -mg/L	Selenium -mg/L	Silver -mg/L	Sodium -mg/L	Thallium -mg/L	Vanadium -mg/L	Zinc -mg/L	Mercury -mg/L
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<0.000800	<0.00137		<0.00295	<0.000400		<0.00233	0.0107	0.0231	<0.0000672
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<0.000800	<0.00137		<0.00295	<0.000400		<0.00233	<0.000314	<0.000848	<0.0000672
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<0.000800	<0.00137	2.92	<0.00295	<0.000400	195	<0.00233	<0.000314	0.0509 BJf	<0.0000672
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<0.000800	<0.00137	3.46	0.0151	<0.000400	187	<0.00233	0.00519	0.0168 Bk	<0.0000672
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered	<0.000800	<0.00137		<0.00295	<0.000400		<0.00233	<0.000314	<0.000848	
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Unfiltered	<0.000800	<0.00137		0.0136 BJkq	<0.000400		0.0121 BJaq	0.00316 Jq	0.00125 Jq	<0.0000672
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Filtered	<0.000800	<0.00137		0.0172 Bk	<0.000400		0.0131 BJaq	0.00203 Jq	<0.000848	<0.0000672
TT-MW2-3	69.03	2025.63	03/09/06	03/16/06	Unfiltered										
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Filtered										
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Unfiltered										
TT-MW2-3	69.45	2025.21	09/07/06	10/02/06	Unfiltered										
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	0.0112	0.00721		<0.00295	<0.000400		<0.00233	0.129	0.0276	<0.0000672
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	0.0116	<0.00137		<0.00295	<0.000400		<0.00233	0.0995	<0.000848	<0.0000672
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered		0.0180	3.13	<0.00295		69.8	<0.00233	0.167	0.0600	<0.0000672
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered	0.0111				<0.000400					
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	0.0111	0.00955	2.58	<0.00295	<0.000400	65.4	<0.00233	0.137	0.0320	<0.0000672
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered	0.00989	<0.00137		<0.00295	<0.000400		<0.00233	0.127	<0.000848	
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Unfiltered	0.00826	0.00534 Ba		0.00550 BJkq	0.000601 BJkq		0.00494 BJkq	0.130	0.0256 Bk	<0.0000672
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Filtered	0.00938	<0.00137		0.00352 BJkq	0.000624 BJkq		<0.00233	0.116	0.00630 BJkq	<0.0000672
TT-MW2-4D	56.08	1931.08	03/09/06	03/16/06	Unfiltered										
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Filtered										
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Unfiltered										
TT-MW2-4D	56.07	1931.09	09/07/06	10/02/06	Unfiltered										

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW6010 - Metals									SW7470
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Molybdenum -mg/L	Nickel -mg/L	Potassium -mg/L	Selenium -mg/L	Silver -mg/L	Sodium -mg/L	Thallium -mg/L	Vanadium -mg/L	Zinc -mg/L	Mercury -mg/L
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	0.0158	0.0364		<0.00295	<0.000400		<0.00233	0.191	0.148	<0.0000672
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	0.0173	<0.00137		<0.00295	<0.000400		<0.00233	0.0812	<0.000848	<0.0000672
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered		0.00919	2.33	<0.00295		106	<0.00233	0.0981	0.0641	<0.0000672
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered	0.0175				<0.000400					
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	<0.000800	0.229	42.2	<0.00295	<0.000400	120	<0.00233	0.629	0.795	<0.000067
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered	0.00971	<0.00137		<0.00295	<0.000400		<0.00233	0.124	<0.000848	
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Unfiltered	<0.000800	0.543		<0.00295	<0.000400		<0.00233	1.40	2.00	0.00106
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Filtered	0.0130	0.00307 BJaq		<0.00295	<0.000400		<0.00233	0.0869	0.0109 Bk	<0.0000672
TT-MW2-4S	49.25	1937.69	03/09/06	03/16/06	Unfiltered										
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Filtered										
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Unfiltered										
TT-MW2-4S	49.41	1937.53	09/07/06	10/02/06	Unfiltered										
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Unfiltered	0.0182	<0.00137		0.00864 BJkq	0.00114 BJkq		0.00582 BJkq	0.00684	0.0126 Bk	<0.0000672
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Filtered	0.0172	<0.00137		0.00561 BJkq	0.00111 BJkq		0.0124 BJkq	0.00404 Jq	0.00802 BJkq	<0.0000672
TT-MW2-5	36.35	1881 (estimated)	12/29/05	12/29/05	Unfiltered										
TT-MW2-5	36.77	1881 (estimated)	03/09/06	03/16/06	Unfiltered										
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Filtered										
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Unfiltered										
TT-MW2-5	37.31	1881 (estimated)	09/07/06	10/02/06	Unfiltered										
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Unfiltered	0.0114	0.00939 Ba		0.00551 Jq	0.000757 BJkq		<0.00233	0.0274	0.0447	<0.0000672
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Filtered	0.0126	<0.00137		0.00317 Jq	0.00104 BJkq		<0.00233	0.0137	0.00573 BJkq	<0.0000672
TT-MW2-6D	34.23	1882 (estimated)	12/29/05	12/29/05	Unfiltered										
TT-MW2-6D	34.36	1882 (estimated)	03/09/06	03/16/06	Unfiltered										
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Filtered										
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Unfiltered										
TT-MW2-6D	34.83	1881 (estimated)	09/07/06	10/02/06	Unfiltered										
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Unfiltered	0.0545	0.0617		0.00394 BJkq	0.000749 BJkq		<0.00233	0.0853	0.250	<0.0000672
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Filtered	0.0696	<0.00137		0.00807 BJkq	0.00172 BJkq		0.00549 BJkq	0.00533	0.0324 Bk	<0.0000672
TT-MW2-6S	33.01	1883 (estimated)	12/29/05	12/29/05	Unfiltered										
TT-MW2-6S	33.51	1882 (estimated)	03/09/06	03/16/06	Unfiltered										
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Filtered										
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Unfiltered										
TT-MW2-6S	33.86	1882 (estimated)	09/07/06	10/02/06	Unfiltered										

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																			
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,1,1,2-Tetrachloroethane -ug/L	1,1,1-Trichloroethane -ug/L	1,1,2,2-Tetrachloroethane -ug/L	1,1,2-Trichloroethane -ug/L	1,1,2-Trichlorotrifluoroethane -ug/L	1,1-Dichloroethane -ug/L	1,1-Dichloroethene -ug/L	1,1-Dichloropropene -ug/L	1,2,3-Trichlorobenzene -ug/L	1,2,3-Trichloropropane -ug/L	1,2,4-Trichlorobenzene -ug/L	1,2,4-Trimethylbenzene -ug/L	1,2-Dibromo-3-chloropropane -ug/L	1,2-Dibromoethane -ug/L	1,2-Dichlorobenzene -ug/L	1,2-Dichloroethane -ug/L	1,2-Dichloropropane -ug/L	1,3,5-Trimethylbenzene -ug/L	1,3-Dichlorobenzene -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered																			
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered																			
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Filtered																			
TT-MW2-1	52.85	1982.36	03/09/06	03/16/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Filtered																			
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-1	53.92	1981.29	09/07/06	10/02/06	Unfiltered		<0.2	<0.2	<0.2		<0.2	<0.2									<0.2	<0.2		
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered																			
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered																			
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Filtered																			
TT-MW2-2	68.12	2069.63	03/09/06	03/16/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Filtered																			
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-2	68.43	2069.32	09/07/06	10/02/06	Unfiltered		<0.2	<0.2	<0.2		<0.2	<0.2									<0.2	<0.2		

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																			
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,1,1,2-Tetrachloroethane -ug/L	1,1,1-Trichloroethane -ug/L	1,1,2,2-Tetrachloroethane -ug/L	1,1,2-Trichloroethane -ug/L	1,1,2-Trichlorotrifluoroethane -ug/L	1,1-Dichloroethane -ug/L	1,1-Dichloroethene -ug/L	1,1-Dichloropropene -ug/L	1,2,3-Trichlorobenzene -ug/L	1,2,3-Trichloropropane -ug/L	1,2,4-Trichlorobenzene -ug/L	1,2,4-Trimethylbenzene -ug/L	1,2-Dibromo-3-chloropropane -ug/L	1,2-Dibromoethane -ug/L	1,2-Dichlorobenzene -ug/L	1,2-Dichloroethane -ug/L	1,2-Dichloropropane -ug/L	1,3,5-Trimethylbenzene -ug/L	1,3-Dichlorobenzene -ug/L
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered																			
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Filtered																			
TT-MW2-3	69.03	2025.63	03/09/06	03/16/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Filtered																			
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-3	69.45	2025.21	09/07/06	10/02/06	Unfiltered		<0.2	<0.2	<0.2		<0.2	<0.2									<0.2	<0.2		
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered																			
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered																			
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Filtered																			
TT-MW2-4D	56.08	1931.08	03/09/06	03/16/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Filtered																			
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4D	56.07	1931.09	09/07/06	10/02/06	Unfiltered		<0.2	<0.2	<0.2		<0.2	<0.2									<0.2	<0.2		

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																			
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,1,1,2-Tetrachloroethane -ug/L	1,1,1-Trichloroethane -ug/L	1,1,2,2-Tetrachloroethane -ug/L	1,1,2-Trichloroethane -ug/L	1,1,2-Trichlorotrifluoroethane -ug/L	1,1-Dichloroethane -ug/L	1,1-Dichloroethene -ug/L	1,1-Dichloropropene -ug/L	1,2,3-Trichlorobenzene -ug/L	1,2,3-Trichloropropane -ug/L	1,2,4-Trichlorobenzene -ug/L	1,2,4-Trimethylbenzene -ug/L	1,2-Dibromo-3-chloropropane -ug/L	1,2-Dibromoethane -ug/L	1,2-Dichlorobenzene -ug/L	1,2-Dichloroethane -ug/L	1,2-Dichloropropane -ug/L	1,3,5-Trimethylbenzene -ug/L	1,3-Dichlorobenzene -ug/L
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered																			
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered																			
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Filtered																			
TT-MW2-4S	49.25	1937.69	03/09/06	03/16/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Filtered																			
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-4S	49.41	1937.53	09/07/06	10/02/06	Unfiltered		<0.2	<0.2	<0.2		<0.2	<0.2									<0.2	<0.2		
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Filtered																			
TT-MW2-5	36.35	1881 (estimated)	12/29/05	12/29/05	Unfiltered																			
TT-MW2-5	36.77	1881 (estimated)	03/09/06	03/16/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Filtered																			
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-5	37.31	1881 (estimated)	09/07/06	10/02/06	Unfiltered		<0.2	<0.2	<0.2		<0.2	<0.2									<0.2	<0.2		
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Filtered																			
TT-MW2-6D	34.23	1882 (estimated)	12/29/05	12/29/05	Unfiltered																			
TT-MW2-6D	34.36	1882 (estimated)	03/09/06	03/16/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Filtered																			
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-6D	34.83	1881 (estimated)	09/07/06	10/02/06	Unfiltered		<0.2	<0.2	<0.2		<0.2	<0.2									<0.2	<0.2		
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Filtered																			
TT-MW2-6S	33.01	1883 (estimated)	12/29/05	12/29/05	Unfiltered																			
TT-MW2-6S	33.51	1882 (estimated)	03/09/06	03/16/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Filtered																			
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Unfiltered	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21	<0.39	<2.3	<0.35	<0.26	<2.5	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38
TT-MW2-6S	33.86	1882 (estimated)	09/07/06	10/02/06	Unfiltered		<0.2	<0.2	<0.2		<0.2	<0.2									<0.2	<0.2		

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																			
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,3-Dichloropropane -ug/L	1,4-Dichlorobenzene -ug/L	2,2-Dichloropropane -ug/L	2-Butanone (MEK) -ug/L	2-Chlorotoluene -ug/L	2-Hexanone -ug/L	4-Chlorotoluene -ug/L	4-Methyl-2-pentanone -ug/L	Acetone -ug/L	Benzene -ug/L	Bromobenzene -ug/L	Bromochloromethane - ug/L	Bromodichloromethane -ug/L	Bromoform -ug/L	Bromomethane -ug/L	Carbon disulfide -ug/L	Carbon tetrachloride -ug/L	Chlorobenzene -ug/L	Chlorodibromomethane -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered																			
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered																			
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	11 Bk	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Filtered																			
TT-MW2-1	52.85	1982.36	03/09/06	03/16/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Filtered																			
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Unfiltered	<0.30	<0.30	<0.40	14	<0.24	<1.9	<0.30	<2.4	12 Bak	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-1	53.92	1981.29	09/07/06	10/02/06	Unfiltered				<5		<5		<5	<5	<0.2			<0.2	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered																			
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered																			
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Filtered																			
TT-MW2-2	68.12	2069.63	03/09/06	03/16/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Filtered																			
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Unfiltered	<0.30	<0.30	<0.40	4.6 Jq	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-2	68.43	2069.32	09/07/06	10/02/06	Unfiltered				<5		<5		<5	<5	<0.2			<0.2	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																			
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,3-Dichloropropane -ug/L	1,4-Dichlorobenzene -ug/L	2,2-Dichloropropane -ug/L	2-Butanone (MEK) -ug/L	2-Chlorotoluene -ug/L	2-Hexanone -ug/L	4-Chlorotoluene -ug/L	4-Methyl-2-pentanone -ug/L	Acetone -ug/L	Benzene -ug/L	Bromobenzene -ug/L	Bromochloromethane - ug/L	Bromodichloromethane -ug/L	Bromoform -ug/L	Bromomethane -ug/L	Carbon disulfide -ug/L	Carbon tetrachloride -ug/L	Chlorobenzene -ug/L	Chlorodibromomethane -ug/L
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered																			
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Filtered																			
TT-MW2-3	69.03	2025.63	03/09/06	03/16/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Filtered																			
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-3	69.45	2025.21	09/07/06	10/02/06	Unfiltered				<5		<5		<5	<5	<0.2			<0.2	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered																			
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered																			
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Filtered																			
TT-MW2-4D	56.08	1931.08	03/09/06	03/16/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Filtered																			
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	9.7 BJkq	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4D	56.07	1931.09	09/07/06	10/02/06	Unfiltered				<5		<5		<5	<5	<0.2			<0.2	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																		
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,3-Dichloropropane -ug/L	1,4-Dichlorobenzene -ug/L	2,2-Dichloropropane -ug/L	2-Butanone (MEK) -ug/L	2-Chlorotoluene -ug/L	2-Hexanone -ug/L	4-Chlorotoluene -ug/L	4-Methyl-2-pentanone -ug/L	Acetone -ug/L	Benzene -ug/L	Bromobenzene -ug/L	Bromochloromethane - ug/L	Bromodichloromethane -ug/L	Bromoform -ug/L	Bromomethane -ug/L	Carbon disulfide -ug/L	Carbon tetrachloride -ug/L	Chlorobenzene -ug/L	Chlorodibromomethane -ug/L
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered																			
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered																			
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Filtered																			
TT-MW2-4S	49.25	1937.69	03/09/06	03/16/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Filtered																			
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	7.3 BJkq	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-4S	49.41	1937.53	09/07/06	10/02/06	Unfiltered				<5		<5		<5	<5	<0.2			<0.2	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Filtered																			
TT-MW2-5	36.35	1881 (estimated)	12/29/05	12/29/05	Unfiltered																			
TT-MW2-5	36.77	1881 (estimated)	03/09/06	03/16/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Filtered																			
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	6.3 Jq	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	1.2 Jq	<0.42	<0.36	<0.45
TT-MW2-5	37.31	1881 (estimated)	09/07/06	10/02/06	Unfiltered				<5		<5		<5	<5	<0.2			<0.2	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Filtered																			
TT-MW2-6D	34.23	1882 (estimated)	12/29/05	12/29/05	Unfiltered																			
TT-MW2-6D	34.36	1882 (estimated)	03/09/06	03/16/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Filtered																			
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	7.2 Jq	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-6D	34.83	1881 (estimated)	09/07/06	10/02/06	Unfiltered				<5		<5		<5	<5	<0.2			<0.2	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	7.8 Jq	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Filtered																			
TT-MW2-6S	33.01	1883 (estimated)	12/29/05	12/29/05	Unfiltered																			
TT-MW2-6S	33.51	1882 (estimated)	03/09/06	03/16/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	<6.1	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Filtered																			
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Unfiltered	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<2.4	7.3 Jq	<0.26	<0.47	<0.68	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.45
TT-MW2-6S	33.86	1882 (estimated)	09/07/06	10/02/06	Unfiltered				<5		<5		<5	<5	<0.2			<0.2	<0.3	<0.2	<0.2	<0.2	<0.2	<0.2

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																	
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Chloroethane -ug/L	Chloroform -ug/L	Chloromethane -ug/L	Dibromomethane -ug/L	Dichlorodifluoromethane -ug/L	Ethylbenzene -ug/L	Isopropylbenzene -ug/L	Methyl tert-butyl ether -ug/L	Methylene Chloride - ug/L	Naphthalene -ug/L	Styrene -ug/L	Tetrachloroethene -ug/L	Toluene -ug/L	Trichloroethene -ug/L	Trichlorofluoromethane -ug/L	Vinyl acetate -ug/L	Vinyl chloride -ug/L	cis-1,2-Dichloroethene -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered																		
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered																		
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	3.5 BJkq	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Filtered																		
TT-MW2-1	52.85	1982.36	03/09/06	03/16/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Filtered																		
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	4.2 BJakq	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-1	53.92	1981.29	09/07/06	10/02/06	Unfiltered	<0.2	<0.2	<0.2			<0.2		<0.2	<0.5		<0.2	<0.2	<0.2	<0.2			<0.2	<0.2
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered																		
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered																		
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	3.6 Jq	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Filtered																		
TT-MW2-2	68.12	2069.63	03/09/06	03/16/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	2.7 BJakq	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Filtered																		
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	4.1 BJakq	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-2	68.43	2069.32	09/07/06	10/02/06	Unfiltered	<0.2	<0.2	<0.2			<0.2		<0.2	<0.5		<0.2	<0.2	<0.2	<0.2			<0.2	<0.2

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																	
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Chloroethane -ug/L	Chloroform -ug/L	Chloromethane -ug/L	Dibromomethane -ug/L	Dichlorodifluoromethane -ug/L	Ethylbenzene -ug/L	Isopropylbenzene -ug/L	Methyl tert-butyl ether -ug/L	Methylene Chloride - ug/L	Naphthalene -ug/L	Styrene -ug/L	Tetrachloroethene -ug/L	Toluene -ug/L	Trichloroethene -ug/L	Trichlorofluoromethane -ug/L	Vinyl acetate -ug/L	Vinyl chloride -ug/L	cis-1,2-Dichloroethene -ug/L
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	1.6	<0.36	<3.2	<0.33	<0.35
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	1.8	1.2	<0.36	<3.2	<0.33	<0.35
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	7.0	<0.36	<3.2	<0.33	<0.35
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	5.6	<0.36	<3.2	<0.33	<0.35
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered																		
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	3.7 Jq	<0.95	<0.29	<0.29	<0.35	8.0	<0.36	<3.2	<0.33	<0.35
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Filtered																		
TT-MW2-3	69.03	2025.63	03/09/06	03/16/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	7.3 BJakq	<0.95	<0.29	<0.29	<0.35	5.6	<0.36	<3.2	<0.33	<0.35
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Filtered																		
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	4.2 BJakq	<0.95	<0.29	<0.29	<0.35	4.2	<0.36	<3.2	<0.33	<0.35
TT-MW2-3	69.45	2025.21	09/07/06	10/02/06	Unfiltered	<0.2	<0.2	<0.2			<0.2		<0.2	<0.5		<0.2	<0.2	<0.2	4.8			<0.2	<0.2
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered																		
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered																		
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Filtered																		
TT-MW2-4D	56.08	1931.08	03/09/06	03/16/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Filtered																		
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	4.9 BJakq	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4D	56.07	1931.09	09/07/06	10/02/06	Unfiltered	<0.2	<0.2	<0.2			<0.2		<0.2	<0.5		<0.2	<0.2	<0.2	<0.2			<0.2	<0.2

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																	
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Chloroethane -ug/L	Chloroform -ug/L	Chloromethane -ug/L	Dibromomethane -ug/L	Dichlorodifluoromethane -ug/L	Ethylbenzene -ug/L	Isopropylbenzene -ug/L	Methyl tert-butyl ether -ug/L	Methylene Chloride - ug/L	Naphthalene -ug/L	Styrene -ug/L	Tetrachloroethene -ug/L	Toluene -ug/L	Trichloroethene -ug/L	Trichlorofluoromethane -ug/L	Vinyl acetate -ug/L	Vinyl chloride -ug/L	cis-1,2-Dichloroethene -ug/L
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered																		
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered																		
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Filtered																		
TT-MW2-4S	49.25	1937.69	03/09/06	03/16/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	3.0 BJakq	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Filtered																		
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	3.9 BJakq	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-4S	49.41	1937.53	09/07/06	10/02/06	Unfiltered	<0.2	<0.2	<0.2			<0.2		<0.2	<0.5		<0.2	<0.2	<0.2	<0.2			<0.2	<0.2
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Filtered																		
TT-MW2-5	36.35	1881 (estimated)	12/29/05	12/29/05	Unfiltered																		
TT-MW2-5	36.77	1881 (estimated)	03/09/06	03/16/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	4.8 BJakq	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Filtered																		
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	1.1	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-5	37.31	1881 (estimated)	09/07/06	10/02/06	Unfiltered	<0.2	<0.2	<0.2			0.29 Jq		<0.2	<0.5		<0.2	<0.2	1.3	<0.2			<0.2	<0.2
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Filtered																		
TT-MW2-6D	34.23	1882 (estimated)	12/29/05	12/29/05	Unfiltered																		
TT-MW2-6D	34.36	1882 (estimated)	03/09/06	03/16/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Filtered																		
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-6D	34.83	1881 (estimated)	09/07/06	10/02/06	Unfiltered	<0.2	<0.2	<0.2			<0.2		<0.2	<0.5		<0.2	<0.2	<0.2	<0.2			<0.2	<0.2
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	2.8 BJkq	<0.95	<0.29	<0.29	0.53 BJkq	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Filtered																		
TT-MW2-6S	33.01	1883 (estimated)	12/29/05	12/29/05	Unfiltered																		
TT-MW2-6S	33.51	1882 (estimated)	03/09/06	03/16/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	2.8 BJakq	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Filtered																		
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Unfiltered	<0.52	<0.22	<1.8	<0.42	<0.27	<0.17	<0.24	<0.29	<2.6	<0.95	<0.29	<0.29	0.97 Jq	<0.30	<0.36	<3.2	<0.33	<0.35
TT-MW2-6S	33.86	1882 (estimated)	09/07/06	10/02/06	Unfiltered	<0.2	<0.2	<0.2			0.23 Jq		<0.2	<0.5		<0.2	<0.2	1.3	<0.2			<0.2	<0.2

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics										SW8270 - Semi-Volatiles										
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	cis-1,3-Dichloropropene -ug/L	m,p-Xylenes -ug/L	n-Butylbenzene -ug/L	n-Propylbenzene -ug/L	o-Xylene -ug/L	p-Isopropyltoluene -ug/L	sec-Butylbenzene -ug/L	tert-Butylbenzene -ug/L	trans-1,2-Dichloroethene -ug/L	trans-1,3-Dichloropropene -ug/L	1,2,4-Trichlorobenzene -ug/L	1,2-Dichlorobenzene -ug/L	1,3-Dichlorobenzene -ug/L	1,4-Dichlorobenzene -ug/L	1-Methylnaphthalene -ug/L	2,4,5-Trichlorophenol -ug/L	2,4,6-Trichlorophenol -ug/L	2,4-Dichlorophenol -ug/L	2,4-Dimethylphenol -ug/L	2,4-Dinitrophenol -ug/L	2,4-Dinitrotoluene -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered																					
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered																					
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Filtered																					
TT-MW2-1	52.85	1982.36	03/09/06	03/16/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Filtered																					
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-1	53.92	1981.29	09/07/06	10/02/06	Unfiltered	<0.2	<0.5			<0.2				<0.2	<0.2											
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered																					
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered																					
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Filtered																					
TT-MW2-2	68.12	2069.63	03/09/06	03/16/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Filtered																					
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-2	68.43	2069.32	09/07/06	10/02/06	Unfiltered	<0.2	<0.5			<0.2				<0.2	<0.2											

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics										SW8270 - Semi-Volatiles										
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	cis-1,3-Dichloropropene -ug/L	m,p-Xylenes -ug/L	n-Butylbenzene -ug/L	n-Propylbenzene -ug/L	o-Xylene -ug/L	p-Isopropyltoluene -ug/L	sec-Butylbenzene -ug/L	tert-Butylbenzene -ug/L	trans-1,2-Dichloroethene -ug/L	trans-1,3-Dichloropropene -ug/L	1,2,4-Trichlorobenzene -ug/L	1,2-Dichlorobenzene -ug/L	1,3-Dichlorobenzene -ug/L	1,4-Dichlorobenzene -ug/L	1-Methylnaphthalene -ug/L	2,4,5-Trichlorophenol -ug/L	2,4,6-Trichlorophenol -ug/L	2,4-Dichlorophenol -ug/L	2,4-Dimethylphenol -ug/L	2,4-Dinitrophenol -ug/L	2,4-Dinitrotoluene -ug/L
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered																					
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Filtered																					
TT-MW2-3	69.03	2025.63	03/09/06	03/16/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Filtered																					
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-3	69.45	2025.21	09/07/06	10/02/06	Unfiltered	<0.2	<0.5			<0.2				<0.2	<0.2											
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered																					
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered																					
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Filtered																					
TT-MW2-4D	56.08	1931.08	03/09/06	03/16/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Filtered																					
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-4D	56.07	1931.09	09/07/06	10/02/06	Unfiltered	<0.2	<0.5			<0.2				<0.2	<0.2											

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics										SW8270 - Semi-Volatiles										
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	cis-1,3-Dichloropropene -ug/L	m,p-Xylenes -ug/L	n-Butylbenzene -ug/L	n-Propylbenzene -ug/L	o-Xylene -ug/L	p-Isopropyltoluene -ug/L	sec-Butylbenzene -ug/L	tert-Butylbenzene -ug/L	trans-1,2-Dichloroethene -ug/L	trans-1,3-Dichloropropene -ug/L	1,2,4-Trichlorobenzene -ug/L	1,2-Dichlorobenzene -ug/L	1,3-Dichlorobenzene -ug/L	1,4-Dichlorobenzene -ug/L	1-Methylnaphthalene -ug/L	2,4,5-Trichlorophenol -ug/L	2,4,6-Trichlorophenol -ug/L	2,4-Dichlorophenol -ug/L	2,4-Dimethylphenol -ug/L	2,4-Dinitrophenol -ug/L	2,4-Dinitrotoluene -ug/L
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered	<0.45		<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered																					
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered																					
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Filtered																					
TT-MW2-4S	49.25	1937.69	03/09/06	03/16/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Filtered																					
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-4S	49.41	1937.53	09/07/06	10/02/06	Unfiltered	<0.2	<0.5			<0.2				<0.2	<0.2											
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Filtered																					
TT-MW2-5	36.35	1881 (estimated)	12/29/05	12/29/05	Unfiltered																					
TT-MW2-5	36.77	1881 (estimated)	03/09/06	03/16/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Filtered																					
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6	<1.0
TT-MW2-5	37.31	1881 (estimated)	09/07/06	10/02/06	Unfiltered	<0.2	1.1 Jq			0.56 Jq				<0.2	<0.2											
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Filtered																					
TT-MW2-6D	34.23	1882 (estimated)	12/29/05	12/29/05	Unfiltered																					
TT-MW2-6D	34.36	1882 (estimated)	03/09/06	03/16/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Filtered																					
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-6D	34.83	1881 (estimated)	09/07/06	10/02/06	Unfiltered	<0.2	<0.5			<0.2				<0.2	<0.2											
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Filtered																					
TT-MW2-6S	33.01	1883 (estimated)	12/29/05	12/29/05	Unfiltered																					
TT-MW2-6S	33.51	1882 (estimated)	03/09/06	03/16/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Filtered																					
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Unfiltered	<0.45	<0.38	<0.29	<0.30	<0.21	<0.21	<0.21	<0.17	<0.29	<0.31											
TT-MW2-6S	33.86	1882 (estimated)	09/07/06	10/02/06	Unfiltered	<0.2	1 Jq			0.43 Jq				<0.2	<0.2											

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles																						
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	2,6-Dinitrotoluene -ug/L	2-Chloronaphthalene -ug/L	2-Chlorophenol -ug/L	2-Methylnaphthalene -ug/L	2-Methylphenol -ug/L	2-Nitroaniline -ug/L	2-Nitrophenol -ug/L	3,3-Dichlorobenzidine -ug/L	3-Nitroaniline -ug/L	4,6-Dinitro-2-methylphenol -ug/L	3/4-Methylphenol -ug/L	4-Bromophenyl phenyl ether -ug/L	4-Chloro-3-methylphenol -ug/L	4-Chloroaniline -ug/L	4-Chlorophenylphenyl ether -ug/L	4-Nitroaniline -ug/L	4-Nitrophenol -ug/L	7,12-Dimethylbenz[a]anthracene -ug/L	Acenaphthene -ug/L	Acenaphthylene -ug/L	Aniline -ug/L	Anthracene -ug/L	Azobenzene -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4	<1.0	<1.2	<1.2	<1.3	<1.2	<2.4	<0.86		<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4	<1.0	<1.2	<1.2	<1.3	<1.2	<2.4	<0.86		<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered																							
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered																							
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered																							
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered																							
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Unfiltered																							
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Filtered																							
TT-MW2-1	52.85	1982.36	03/09/06	03/16/06	Unfiltered																							
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Filtered																							
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4		<1.2	<1.2	<1.3	<1.2	<2.4	<0.86	<1.0	<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-1	53.92	1981.29	09/07/06	10/02/06	Unfiltered																							
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4	<1.0	<1.2	<1.2	<1.3	<1.2	<2.4	<0.86		<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4	<1.0	<1.2	<1.2	<1.3	<1.2	<2.4	<0.86		<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered																							
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered																							
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered																							
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered																							
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Unfiltered																							
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Filtered																							
TT-MW2-2	68.12	2069.63	03/09/06	03/16/06	Unfiltered																							
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Filtered																							
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Unfiltered																							
TT-MW2-2	68.43	2069.32	09/07/06	10/02/06	Unfiltered																							

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles																						
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	2,6-Dinitrotoluene -ug/L	2-Chloronaphthalene -ug/L	2-Chlorophenol -ug/L	2-Methylnaphthalene -ug/L	2-Methylphenol -ug/L	2-Nitroaniline -ug/L	2-Nitrophenol -ug/L	3,3-Dichlorobenzidine -ug/L	3-Nitroaniline -ug/L	4,6-Dinitro-2-methylphenol -ug/L	3/4-Methylphenol -ug/L	4-Bromophenyl phenyl ether -ug/L	4-Chloro-3-methylphenol -ug/L	4-Chloroaniline -ug/L	4-Chlorophenylphenyl ether -ug/L	4-Nitroaniline -ug/L	4-Nitrophenol -ug/L	7,12-Dimethylbenz[a]anthracene -ug/L	Acenaphthene -ug/L	Acenaphthylene -ug/L	Aniline -ug/L	Anthracene -ug/L	Azobenzene -ug/L
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4	<1.0	<1.2	<1.2	<1.3	<1.2	<2.4	<0.86		<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4	<1.0	<1.2	<1.2	<1.3	<1.2	<2.4	<0.86		<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered																							
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered																							
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered																							
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Unfiltered																							
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Filtered																							
TT-MW2-3	69.03	2025.63	03/09/06	03/16/06	Unfiltered																							
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Filtered																							
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4		<1.2	<1.2	<1.3	<1.2	<2.4	<0.86	<1.0	<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-3	69.45	2025.21	09/07/06	10/02/06	Unfiltered																							
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4	<1.0	<1.2	<1.2	<1.3	<1.2	<2.4	<0.86		<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4	<1.0	<1.2	<1.2	<1.3	<1.2	<2.4	<0.86		<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered																							
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered																							
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered																							
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered																							
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Unfiltered																							
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Filtered																							
TT-MW2-4D	56.08	1931.08	03/09/06	03/16/06	Unfiltered																							
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Filtered																							
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Unfiltered																							
TT-MW2-4D	56.07	1931.09	09/07/06	10/02/06	Unfiltered																							

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles																						
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	2,6-Dinitrotoluene -ug/L	2-Chloronaphthalene -ug/L	2-Chlorophenol -ug/L	2-Methylnaphthalene -ug/L	2-Methylphenol -ug/L	2-Nitroaniline -ug/L	2-Nitrophenol -ug/L	3,3-Dichlorobenzidine -ug/L	3-Nitroaniline -ug/L	4,6-Dinitro-2-methylphenol -ug/L	3/4-Methylphenol -ug/L	4-Bromophenyl phenyl ether -ug/L	4-Chloro-3-methylphenol -ug/L	4-Chloroaniline -ug/L	4-Chlorophenylphenyl ether -ug/L	4-Nitroaniline -ug/L	4-Nitrophenol -ug/L	7,12-Dimethylbenz[a]anthracene -ug/L	Acenaphthene -ug/L	Acenaphthylene -ug/L	Aniline -ug/L	Anthracene -ug/L	Azobenzene -ug/L
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4	<1.0	<1.2	<1.2	<1.3	<1.2	<2.4	<0.86		<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4	<1.0	<1.2	<1.2	<1.3	<1.2	<2.4	<0.86		<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered																							
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered																							
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered																							
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered																							
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Unfiltered																							
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Filtered																							
TT-MW2-4S	49.25	1937.69	03/09/06	03/16/06	Unfiltered																							
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Filtered																							
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Unfiltered																							
TT-MW2-4S	49.41	1937.53	09/07/06	10/02/06	Unfiltered																							
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Unfiltered																							
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Filtered																							
TT-MW2-5	36.35	1881 (estimated)	12/29/05	12/29/05	Unfiltered																							
TT-MW2-5	36.77	1881 (estimated)	03/09/06	03/16/06	Unfiltered																							
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Filtered																							
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Unfiltered	<1.1	<1.3	<1.0	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<3.4		<1.2	<1.2	<1.3	<1.2	<2.4	<0.86	<1.0	<1.4	<1.4	<1.2	<1.5	<1.7
TT-MW2-5	37.31	1881 (estimated)	09/07/06	10/02/06	Unfiltered																							
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Unfiltered																							
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Filtered																							
TT-MW2-6D	34.23	1882 (estimated)	12/29/05	12/29/05	Unfiltered																							
TT-MW2-6D	34.36	1882 (estimated)	03/09/06	03/16/06	Unfiltered																							
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Filtered																							
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Unfiltered																							
TT-MW2-6D	34.83	1881 (estimated)	09/07/06	10/02/06	Unfiltered																							
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Unfiltered																							
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Filtered																							
TT-MW2-6S	33.01	1883 (estimated)	12/29/05	12/29/05	Unfiltered																							
TT-MW2-6S	33.51	1882 (estimated)	03/09/06	03/16/06	Unfiltered																							
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Filtered																							
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Unfiltered																							
TT-MW2-6S	33.86	1882 (estimated)	09/07/06	10/02/06	Unfiltered																							

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles																					
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Benzidine -ug/L	Benzo(a)anthracene -ug/L	Benzo(a)pyrene -ug/L	Benzo(b)fluoranthene -ug/L	Benzo(g,h,i)perylene -ug/L	Benzo[k]fluoranthene -ug/L	Benzoic acid -ug/L	Benzyl alcohol -ug/L	bis (2-Chloroethoxy) methane -ug/L	bis(2-Chloroethyl) ether -ug/L	Bis(2-chloroisopropyl) ether -ug/L	bis(2-Ethylhexyl) phthalate -ug/L	Butyl benzyl phthalate -ug/L	Chrysene -ug/L	Di-n-butylphthalate -ug/L	Di-n-octyl phthalate -ug/L	Dibenz(a,h)anthracene -ug/L	Dibenzofuran -ug/L	Diethyl phthalate -ug/L	Dimethyl phthalate -ug/L	Fluoranthene -ug/L	Fluorene -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered																						
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered																						
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered																						
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered																						
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Unfiltered																						
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Filtered																						
TT-MW2-1	52.85	1982.36	03/09/06	03/16/06	Unfiltered																						
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Filtered																						
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-1	53.92	1981.29	09/07/06	10/02/06	Unfiltered																						
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered																						
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered																						
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered																						
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered																						
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Unfiltered																						
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Filtered																						
TT-MW2-2	68.12	2069.63	03/09/06	03/16/06	Unfiltered																						
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Filtered																						
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Unfiltered																						
TT-MW2-2	68.43	2069.32	09/07/06	10/02/06	Unfiltered																						

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles																						
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Benzidine -ug/L	Benzo(a)anthracene -ug/L	Benzo(a)pyrene -ug/L	Benzo(b)fluoranthene -ug/L	Benzo(g,h,i)perylene -ug/L	Benzo[k]fluoranthene -ug/L	Benzoic acid -ug/L	Benzyl alcohol -ug/L	bis (2-Chloroethoxy) methane -ug/L	bis(2-Chloroethyl) ether -ug/L	Bis(2-chloroisopropyl) ether -ug/L	bis(2-Ethylhexyl) phthalate -ug/L	Butyl benzyl phthalate -ug/L	Chrysene -ug/L	Di-n-butylphthalate -ug/L	Di-n-octyl phthalate -ug/L	Dibenz(a,h)anthracene -ug/L	Dibenzofuran -ug/L	Diethyl phthalate -ug/L	Dimethyl phthalate -ug/L	Fluoranthene -ug/L	Fluorene -ug/L
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	22	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered																						
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered																						
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered																						
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Unfiltered																						
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Filtered																						
TT-MW2-3	69.03	2025.63	03/09/06	03/16/06	Unfiltered																						
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Filtered																						
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-3	69.45	2025.21	09/07/06	10/02/06	Unfiltered																						
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered																						
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered																						
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered																						
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered																						
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Unfiltered																						
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Filtered																						
TT-MW2-4D	56.08	1931.08	03/09/06	03/16/06	Unfiltered																						
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Filtered																						
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Unfiltered																						
TT-MW2-4D	56.07	1931.09	09/07/06	10/02/06	Unfiltered																						

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles																					
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Benzidine -ug/L	Benzo(a)anthracene -ug/L	Benzo(a)pyrene -ug/L	Benzo(b)fluoranthene -ug/L	Benzo(g,h,i)perylene -ug/L	Benzo[k]fluoranthene -ug/L	Benzoic acid -ug/L	Benzyl alcohol -ug/L	bis (2-Chloroethoxy) methane -ug/L	bis(2-Chloroethyl) ether -ug/L	Bis(2-chloroisopropyl) ether -ug/L	bis(2-Ethylhexyl) phthalate -ug/L	Butyl benzyl phthalate -ug/L	Chrysene -ug/L	Di-n-butylphthalate -ug/L	Di-n-octyl phthalate -ug/L	Dibenz(a,h)anthracene -ug/L	Dibenzofuran -ug/L	Diethyl phthalate -ug/L	Dimethyl phthalate -ug/L	Fluoranthene -ug/L	Fluorene -ug/L
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered																						
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered																						
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered																						
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered																						
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Unfiltered																						
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Filtered																						
TT-MW2-4S	49.25	1937.69	03/09/06	03/16/06	Unfiltered																						
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Filtered																						
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Unfiltered																						
TT-MW2-4S	49.41	1937.53	09/07/06	10/02/06	Unfiltered																						
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Unfiltered																						
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Filtered																						
TT-MW2-5	36.35	1881 (estimated)	12/29/05	12/29/05	Unfiltered																						
TT-MW2-5	36.77	1881 (estimated)	03/09/06	03/16/06	Unfiltered																						
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Filtered																						
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Unfiltered	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43	<1.0	<1.2	<1.0	<1.5	<1.0	<1.0	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4
TT-MW2-5	37.31	1881 (estimated)	09/07/06	10/02/06	Unfiltered																						
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Unfiltered																						
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Filtered																						
TT-MW2-6D	34.23	1882 (estimated)	12/29/05	12/29/05	Unfiltered																						
TT-MW2-6D	34.36	1882 (estimated)	03/09/06	03/16/06	Unfiltered																						
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Filtered																						
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Unfiltered																						
TT-MW2-6D	34.83	1881 (estimated)	09/07/06	10/02/06	Unfiltered																						
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Unfiltered																						
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Filtered																						
TT-MW2-6S	33.01	1883 (estimated)	12/29/05	12/29/05	Unfiltered																						
TT-MW2-6S	33.51	1882 (estimated)	03/09/06	03/16/06	Unfiltered																						
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Filtered																						
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Unfiltered																						
TT-MW2-6S	33.86	1882 (estimated)	09/07/06	10/02/06	Unfiltered																						

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles																SW8330
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Hexachloro-1,3-Butadiene -ug/L	Hexachlorobenzene -ug/L	Hexachlorocyclopentadiene (HCCPD) -ug/L	Hexachloroethane -ug/L	Indeno(1,2,3-cd)pyrene -ug/L	Isophorone -ug/L	N-Nitroso-di-n-propylamine -ug/L	N-Nitrosodimethylamine -ug/L	N-Nitrosodiphenylamine -ug/L	Naphthalene -ug/L	Nitrobenzene -ug/L	Pentachlorophenol -ug/L	Phenanthrene -ug/L	Phenol -ug/L	Pyrene -ug/L	Pyridine -ug/L	RDX -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered																	
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered																	
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered																	
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered																	
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Unfiltered																	
TT-MW2-1	52.68	1982.53	12/13/05	12/13/05	Filtered																	
TT-MW2-1	52.85	1982.36	03/09/06	03/16/06	Unfiltered																	
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Filtered																	
TT-MW2-1	53.26	1981.95	05/31/06	06/27/06	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	1.6 Rhq
TT-MW2-1	53.92	1981.29	09/07/06	10/02/06	Unfiltered																	
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered																	
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered																	
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered																	
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered																	
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Unfiltered																	
TT-MW2-2	68.26	2069.49	12/13/05	12/13/05	Filtered																	
TT-MW2-2	68.12	2069.63	03/09/06	03/16/06	Unfiltered																	
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Filtered																	
TT-MW2-2	68.30	2069.45	05/31/06	06/23/06	Unfiltered																	
TT-MW2-2	68.43	2069.32	09/07/06	10/02/06	Unfiltered																	

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles																SW8330
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Hexachloro-1,3-Butadiene -ug/L	Hexachlorobenzene -ug/L	Hexachlorocyclopentadiene (HCCPD) -ug/L	Hexachloroethane -ug/L	Indeno(1,2,3-cd)pyrene -ug/L	Isophorone -ug/L	N-Nitroso-di-n-propylamine -ug/L	N-Nitrosodimethylamine -ug/L	N-Nitrosodiphenylamine -ug/L	Naphthalene -ug/L	Nitrobenzene -ug/L	Pentachlorophenol -ug/L	Phenanthrene -ug/L	Phenol -ug/L	Pyrene -ug/L	Pyridine -ug/L	RDX -ug/L
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered																	
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered																	
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered																	
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Unfiltered																	
TT-MW2-3	69.06	2025.60	12/13/05	12/13/05	Filtered																	
TT-MW2-3	69.03	2025.63	03/09/06	03/16/06	Unfiltered																	
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Filtered																	
TT-MW2-3	69.33	2025.33	06/01/06	06/27/06	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75 UJc	<1.5	<1.2	<1.4	<1.4	<1.3
TT-MW2-3	69.45	2025.21	09/07/06	10/02/06	Unfiltered																	
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered																	
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered																	
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered																	
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered																	
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Unfiltered																	
TT-MW2-4D	56.29	1930.87	12/12/05	12/12/05	Filtered																	
TT-MW2-4D	56.08	1931.08	03/09/06	03/16/06	Unfiltered																	
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Filtered																	
TT-MW2-4D	56.10	1931.06	05/31/06	06/23/06	Unfiltered																	
TT-MW2-4D	56.07	1931.09	09/07/06	10/02/06	Unfiltered																	

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles																SW8330
Sample Location	Depth to Water (from measuring point, feet)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Hexachloro-1,3-Butadiene -ug/L	Hexachlorobenzene -ug/L	Hexachlorocyclopentadiene (HCCPD) -ug/L	Hexachloroethane -ug/L	Indeno(1,2,3-cd)pyrene -ug/L	Isophorone -ug/L	N-Nitroso-di-n-propylamine -ug/L	N-Nitrosodimethylamine -ug/L	N-Nitrosodiphenylamine -ug/L	Naphthalene -ug/L	Nitrobenzene -ug/L	Pentachlorophenol -ug/L	Phenanthrene -ug/L	Phenol -ug/L	Pyrene -ug/L	Pyridine -ug/L	RDX -ug/L
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered																	
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered																	
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered																	
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered																	
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Unfiltered																	
TT-MW2-4S	49.26	1937.68	12/12/05	12/12/05	Filtered																	
TT-MW2-4S	49.25	1937.69	03/09/06	03/16/06	Unfiltered																	
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Filtered																	
TT-MW2-4S	49.22	1937.72	05/31/06	06/23/06	Unfiltered																	
TT-MW2-4S	49.41	1937.53	09/07/06	10/02/06	Unfiltered																	
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Unfiltered																	
TT-MW2-5	36.18	1882 (estimated)	12/12/05	12/12/05	Filtered																	
TT-MW2-5	36.35	1881 (estimated)	12/29/05	12/29/05	Unfiltered																	
TT-MW2-5	36.77	1881 (estimated)	03/09/06	03/16/06	Unfiltered																	
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Filtered																	
TT-MW2-5	37.25	1881 (estimated)	05/31/06	06/26/06	Unfiltered	<1.2	<1.2	<0.44	<0.98	<0.83	<1.2	<1.3	<1.1	<1.4	<1.4	<1.3	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3
TT-MW2-5	37.31	1881 (estimated)	09/07/06	10/02/06	Unfiltered																	
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Unfiltered																	
TT-MW2-6D	33.82	1882 (estimated)	12/12/05	12/12/05	Filtered																	
TT-MW2-6D	34.23	1882 (estimated)	12/29/05	12/29/05	Unfiltered																	
TT-MW2-6D	34.36	1882 (estimated)	03/09/06	03/16/06	Unfiltered																	
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Filtered																	
TT-MW2-6D	34.64	1881 (estimated)	05/31/06	06/26/06	Unfiltered																	
TT-MW2-6D	34.83	1881 (estimated)	09/07/06	10/02/06	Unfiltered																	
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Unfiltered																	
TT-MW2-6S	32.92	1883 (estimated)	12/12/05	12/12/05	Filtered																	
TT-MW2-6S	33.01	1883 (estimated)	12/29/05	12/29/05	Unfiltered																	
TT-MW2-6S	33.51	1882 (estimated)	03/09/06	03/16/06	Unfiltered																	
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Filtered																	
TT-MW2-6S	33.79	1882 (estimated)	05/31/06	06/26/06	Unfiltered																	
TT-MW2-6S	33.86	1882 (estimated)	09/07/06	10/02/06	Unfiltered																	

APPENDIX B – FIELD DATA SHEETS

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

Lockheed Beaumont
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

June 2006
Quarter 2

Monitoring Well I.D.	Mar-06 Static Water Level	Date Measured	Time	OVA (ppm)	Water Level (feet)	Second Static Water Level (feet) see foot note	Sample This Quarter	Truck Access Y/N	Well TD (feet) see foot note	Comments
Site 2 (TC# 18089-~~01~~ 02										
Tt-MW2-1	52.85	5/31	724	ND	53.26	53.26	Y	Y	transducer in well	
Tt-MW2-2	68.12	5/31	654	ND	68.30	68.30	Y	Y	119.87	
Tt-MW2-3	69.03	6/1 ~~5/31~~	~~760~~ 745	ND	69.33	69.33	Y	Y	transducer in well	unable to open well
Tt-MW2-4S	49.25	5/31	707	ND	49.22	49.22	Y	Y	73.02	
Tt-MW2-4D	56.08	5/31	710	ND	56.10	56.10	Y	Y	97.68	
Tt-MW2-5	36.77	5/31	730	ND	37.25	37.25	Y	Y	transducer in well	
Tt-MW2-6S	33.51	5/31	723	ND	33.79	33.79	Y	Y	41.54	
Tt-MW2-6D	34.36	5/31	726	ND	34.64	34.64	Y	Y	60.45	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.
T.D. well only if sampling this quarter.

TETRA TECH, INC.
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Telephone (909) 381-1674
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GROUNDWATER MONITORING WELL FIELD DATA LOG SHEET - SAMPLING

DATE 06/27/2006 SITE NAME / NUMBER Site 2 – 18089-03 PURGING DEVICE: ☐ Grundfos Pump ☐ Peristaltic Pump ☑ Bladder Pump (Dedicated)

PROGRAM NAME LAAC Beaumont Site 2 SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐

MONITORING WELL IDENTIFICATION T7-MW2-1 OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

SAMPLE I.D. T7-MW2-1 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

STATIC WATER LEVEL (ft btoc) 53.49 WELL DEPTH (ft btoc) 73.19 FINAL PUMP DEPTH (ft btoc) 63

WATER COLUMN (feet) 19.70 CASING/TUBE DIAMETER (in/ft) 4" SAMPLER'S SIGNATURE [signature]

WELL/PUMP VOLUME (V) ~~(gals)~~ ml 48677.51 3 v ~~(gals)~~ ml 146032.52 WELL SAMPLE TIME 1220 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals / ml)	Well/Pump Volumes Purged	Flow Rate (GPM / ml/min)
1140	pump on	53.49	63										110
1155	monitoring	53.52		26.03	1.274	7.21	4.87	6.60	138.5	clear	550	0.01	
1200		53.52		25.91	1.270	7.21	4.06	6.30	131.4	clear	1100	0.02	
1205		53.50		27.21	1.300	7.21	4.69	6.36	122.9	clear	1650	0.03	
1210		53.51		27.90	1.318	7.23	3.73	6.38	118.8	clear	2200	0.05	
1215		53.51		28.20	1.328	7.23	4.69	6.24	114.7	clear	2750	0.06	
1220	Sampling	53.51		28.44	1.334	7.23	3.62	6.29	110.3	clear	3300	0.07	
1305	pump off												

Alkalinity (ppm) _____ Fe+2 (ppm) _____ Taken, immediately before sampling

Water level at time of sampling (ft btoc): 53.51 Turbidity at time of sampling: 3.62

Comments: min pressure = 28 psi, set to 30 psi

1140 30 psi | CPM 4 | 10.0 sec recill | 5.0 sec discharge = 70 ml/min

1147 " " " 7.0 " " 8.0 " " = 110 ml/min

Sampling System Volume (SSV) = (155 · (0.25in)² · 63ft) + 300ml = 910 ml

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1°C	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

TETRA TECH, INC.
348 W Hospitality Ln. Suite 100
San Bernardino, CA 92408
Telephone (909) 381-1674
Telefax (909) 889-1391

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 06/27/2006 SITE NAME / NUMBER Site 2 - 18089-03

PROGRAM NAME LMC Beaumont Site 2

MONITORING WELL IDENTIFICATION T7-MW2-3

SAMPLE I.D. T7-MW2-3 DUPLICATE I.D. T7-MW2-103

STATIC WATER LEVEL (ft btoc) 69.41 WELL DEPTH (ft btoc) 101.00

WATER COLUMN (feet) 31.59 CASING/TUBE DIAMETER (in/ft) 4"

WELL/PUMP VOLUME (V) (~~gals~~ ml) 20.62 gal = 78056.98 3 v (~~gals~~ ml) 61.86 gal = 234170.93

PURGING DEVICE: ☑ Grundfos Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) ~~90~~ 91

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 0941 DUPLICATE SAMPLE TIME 0956

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals / ml)	Well/Pump Volumes Purged	Flow Rate (GPM ml/min)
0911	pump on	69.41	~~90~~ 91										0.25
0916	monitoring	71.15		25.34	1.270	7.41	3.89	15.33	225.5	clear	1.25	0.06	
0921		71.21		25.70	1.283	7.43	2.50	4.71	197.0	clear	2.50	0.12	
0926		71.24		25.91	1.289	7.43	3.84	4.25	185.8	clear	3.75	0.18	
0931		71.31		26.06	1.293	7.43	3.18	4.38	173.9	clear	5.00	0.24	
0936		71.33		26.08	1.293	7.42	2.57	4.43	163.4	clear	6.25	0.30	
0941	sampling	71.35		26.23	1.296	7.42	4.10	4.14	153.4	clear	7.50	0.36	
1018	pump off												

Alkalinity (ppm) _____ Fe+2 (ppm) _____ Taken, immediately before sampling

Water level at time of sampling (ft btoc): 71.35 Turbidity at time of sampling: 4.10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1°C Conductivity ± 5%

pH ± 0.1 Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

TETRA TECH, INC.
348 W Hospitality Ln. Suite 100
San Bernardino, CA 92408
Telephone (909) 381-1674
Telefax (909) 889-1391

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 06/26/2006 SITE NAME / NUMBER 2

PROGRAM NAME LMC Beaumont Site 2

MONITORING WELL IDENTIFICATION Tt-MW2-5

SAMPLE I.D. Tt-MW2-5 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 37.41 WELL DEPTH (ft btoc) 42.94

WATER COLUMN (feet) 5.53 CASING/TUBE DIAMETER (in/ft) 4"

WELL/PUMP VOLUME (V) (~~gals~~ ml) 13664.30 3 v (~~gals~~ ml) 40992.89

PURGING DEVICE: ☐ Grundfos Pump ☐ Peristaltic Pump ☑ Bladder Pump (Dedicated)

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 42

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1212 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals / ml)	Well/Pump Volumes Purged	Flow Rate (GPM ml/min)
1120	pump on	37.41	42										50
1135	monitoring	37.66		26.85	1.509	7.28	30.9	0.99	51.7	slightly cloudy	250	0.02	
1140	↓	37.66		27.94	1.542	7.29	38.4	1.06	42.3	slightly cloudy	500	0.04	
1145	increase flow	37.66		28.64	1.566	7.30	28.4	0.98	33.6	slightly cloudy	750	0.05	
1150	monitoring	37.76		25.01	1.464	7.31	19.9	1.24	26.7	slightly cloudy	1400	0.10	130
1155	↓	37.90		24.66	1.444	7.27	13.1	1.37	21.5	slightly cloudy	2050	0.15	
1200	reduce flow	37.99		25.11	1.451	7.29	8.34	1.39	15.1	clear	2700	0.20	
1203	monitoring	37.91		25.32	1.460	7.28	7.36	1.37	15.9	clear	2950	0.22	~~100~~ 50
1206	increase flow ~~sampling~~	37.87		27.23	1.514	7.28	12.4	1.42	17.4	clear	3200	0.23	DEB 50
1209	↓	37.82		27.75	1.531	7.29	9.24	1.37	18.7	clear	3800	0.28	DEB 120
1212	Sampling	37.84	↓	27.52	1.531	7.30	6.29	1.52	18.4	clear	4400	0.32	
1300	pump off												

Alkalinity (ppm) _____ Fe+2 (ppm) _____ Taken, immediately before sampling

Water level at time of sampling (ft btoc): (set @ 20 psi) 37.84 Turbidity at time of sampling: 6.29

Comments: min pressure = 18 psi 4 cycles/min, 10.0 sec. refill / 5.0 sec. discharge
1122 set to 21 psi 4 " " 8.0 " " 7.0 " " flow = 50 ml/min
1145 " " 25 " 4 " " 7.0 " " 8.0 " " flow = 130 ml/min
1200 set to 28 psi 4 " " ~~7.0~~ 8.0 " " ~~8.0~~ 7.0 " " flow = 50 ~~100~~ ml/min DEB

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1°C	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

1206 " " 23 psi 4 " " 7.0 " " 8.0 " " flow = 120 ml/min

Sampling System Volume (SSV) = (155 · (0.25 in)² · 42 ft) + 300 ml = 707 ml

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GROUNDWATER MONITORING WELL FIELD DATA LOG SHEET - SAMPLING

DATE 06/26/2006 SITE NAME / NUMBER Site 2 - 17089-03

PROGRAM NAME LMC Beaumont Site 2

MONITORING WELL IDENTIFICATION TT-MW2-65

SAMPLE I.D. TT-MW2-65 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 33.91 WELL DEPTH (ft btoc) 41.54

WATER COLUMN (feet) 7.63 CASING/TUBE DIAMETER (in/ft) 2"

WELL/PUMP VOLUME (V) (~~gals~~ ml) 4713.32 3 v (~~gals~~ ml) 14139.95

PURGING DEVICE: ☐ Grundfos Pump ☐ Peristaltic Pump ☑ Bladder Pump / Dedicated

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 40

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1016 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals / ml)	Well/Pump Volumes Purged	Flow Rate (GPM ~~ml/min~~)
0930	pump on	33.91	40										50
0945	monitoring	34.13		26.09	1.326	7.37	2.45	8.50	113.6	clear	250	0.05	
0950		34.21		24.05	1.308	7.30	1.81	2.09	104.0	clear	500	0.11	
0955		34.31		24.52	1.287	7.28	2.18	1.83	94.9	clear	750	0.16	
1000		34.40		24.50	1.285	7.29	2.30	1.88	86.5	clear	1000	0.21	
1005		34.51		24.51	1.287	7.32	1.41	1.81	80.8	clear	1250	0.27	
1010		34.57		24.55	1.289	7.34	1.70	1.87	77.8	clear	1500	0.32	
1013		34.62		24.87	1.297	7.35	1.03	1.94	74.5	clear	1650	0.35	
1016	Sampling	34.67		25.00	1.304	7.37	1.75	1.82	72.1	clear	1800	0.38	
1100	pump off												

Alkalinity (ppm) _____ Fe+2 (ppm) _____ Taken, immediately before sampling

Water level at time of sampling (ft btoc): 34.67 Turbidity at time of sampling: 1.75

Comments: min pressure = 17 psi, 3 cycles/min, 11.0 sec. refill / 9.0 sec. discharge 40 ml/min
0915 20 " 4 " " ~~9.0~~ 8.0 " " / ~~6.0~~ 7.0 " " Flow = 50 ml/min

Sampling System Volume (SSV) = (155 - (0.25 in)² · 40 ft) + 300 ml = 688 ml

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ± 1°C Conductivity ± 5%
pH ± 0.1 Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 06/26/2006 SITE NAME / NUMBER Site 2 - 18089-03

PROGRAM NAME LMC Beaumont Site 2

MONITORING WELL IDENTIFICATION TT-MW-6D

SAMPLE I.D. TT-MW2-6D DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 34.83 WELL DEPTH (ft btoc) 60.45

WATER COLUMN (feet) 25.62 CASING/TUBE DIAMETER (in/ft) 2"

WELL/PUMP VOLUME (V) (~~gals~~ ml) 15826.37 3 v (~~gals~~ ml) 47479.10

PURGING DEVICE: ☐ Grundfos Pump ☐ Peristaltic Pump ☑ Bladder Pump (Dedicated)

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 58

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 0845 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals / ml)	Well/Pump Volumes Purged	Flow Rate (~~GPM~~ ml/min)
0805	pump on	34.83 (~~60.45~~)	58										170
0820	monitoring	35.49		22.57	0.919	8.54	2.79	0.65	87.9	clear	850	0.05	
0825		35.57		22.60	0.920	8.57	3.96	0.44	46.7	clear	1700	0.11	
0830		35.64		22.86	0.930	8.61	3.61	0.37	3.2	clear	2550	0.16	
0835		35.66		22.84	0.924	8.67	2.75	0.33	-43.6	clear	3400	0.21	
0840		35.70		22.74	0.895	8.72	2.88	0.31	-58.3	clear	4250	0.27	
0845	sampling	35.74		22.73	0.889	8.73	7.21	0.31	-58.0	clear	5100	0.32	
0926	pump off	—											

Alkalinity (ppm) _____ Fe+2 (ppm) _____ Taken, immediately before sampling

Water level at time of sampling (ft btoc): 35.74 Turbidity at time of sampling: 7.21 (flow rate = 170 ml/min)

Comments: 0805 min pressure 25 psi set to 3 cycles/minute, 11.0 sec refill, 9.0 sec discharge
0815 " " N26 " " " 4 " " 8.0 " " 7.0 " "
flow rate = 170 ml/min

Sampling System Volume (SSV) = (155 · (0.25 in)² · 58 ft) + 300 ml = 862 ml

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature ± 1°C	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

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GROUNDWATER MONITORING WELL FIELD DATA LOG SHEET - SAMPLING

DATE _____ SITE NAME / NUMBER 2

PROGRAM NAME LMC Bermt

MONITORING WELL IDENTIFICATION TT-MW2-4S

SAMPLE I.D. TT-MW2-4S DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 49.35 WELL DEPTH (ft btoc) 73.14

WATER COLUMN (feet) 23.79 CASING/TUBE DIAMETER (in/ft) 4"

WELL/PUMP VOLUME (V) (~~gals~~ ml) 58783.65 3 v (~~gals~~ ml) 176350.95

PURGING DEVICE: ☐ Grundfos Pump ☐ Peristaltic Pump ☑ Bladder Pump Dedicated

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 70

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 1210 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals / ml)	Well/Pump Volumes Purged	Flow Rate (GPM ml/min)
1120	pump on	49.35	70										150
1130	monitoring	49.97	↓	25.07	0.430	8.57	6.23	4.95	62.9	clear	750	0.01	↓
1135	reduce flow	50.28		25.17	0.430	8.58	6.40 ~~8.50~~	4.43	51.3	clear	1500	0.03	↓
1140	monitoring	50.54		25.50	0.433	8.59	4.92	4.05	43.6	clear	2125	0.04	125
1145	reduce flow	50.76		25.78	0.435	8.60	8.43	4.03	40.2	clear	2750	0.05	↓
1150	monitoring	51.00		26.13	0.438	8.60	4.66	3.88	40.6	clear	3300	0.06	110
1155	reduce flow	51.14		26.18	0.439	8.59	5.06	3.96	41.4	clear	3850	0.07	↓
1159	monitoring	51.22		26.30	0.440	8.67	4.95	3.97	39.9	clear	4150	0.07	100
1201	reduce flow	51.31		26.44	0.441	8.59	5.62	4.00	43.1	clear	4450	0.08	↓
1204	monitoring	51.41		26.73	0.443	8.59	4.60	3.86	43.3	clear	4675	0.08	75
1207	↓	51.48		27.25	0.448	8.59	5.23	3.75	42.8	clear	4900	0.08	↓
1210	sampling	51.51	↓	27.24	0.448 ~~0.45~~	8.59	4.86	3.71	42.6	clear	5125	0.09	↓

Alkalinity (ppm) _____ Fe+2 (ppm) _____ Taken, immediately before sampling

Water level at time of sampling (ft btoc): 51.51 Turbidity at time of sampling: 4.86

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1°C	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: 1120 2 cycles/min, 18.0 refill / 12.0 discharge = 150 ml/min
1135 " " 21 " / 9 " = 125 ml/min
1145 " " 22 / 8 = 110 ml/min
1155 " " 23 " / 7 " = 100 ml/min
1201 " " 24 " / 6 " = 75 ml/min

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

Sampling System Volume (SSV) =
$(155 \cdot (0.25in)^2 \cdot 70ft) + 300ml = 978ml$

1306 pump off

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GROUNDWATER MONITORING WELL FIELD DATA LOG SHEET - SAMPLING

DATE 06/23/2006 SITE NAME / NUMBER Site 2 - 18089-03

PROGRAM NAME LMC Beaumont Site 2

MONITORING WELL IDENTIFICATION TT-MW2-4D

SAMPLE I.D. TT-MW2-4D DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 56.07 WELL DEPTH (ft btoc) 97.68

WATER COLUMN (feet) 41.61 CASING/TUBE DIAMETER (in/ft) 4"

WELL/PUMP VOLUME (V) (~~gals~~ ml) 102815.79 3 v (~~gals~~ ml) 308447.37

PURGING DEVICE: ☐ Grundfos Pump ☐ Peristaltic Pump ☑ Bladder Pump (Dedicated)

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 95

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1045 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals / ml)	Well/Pump Volumes Purged	Flow Rate (GPM ml/min)
1001	pump on	56.07	95	—									240
1011	monitoring, reduce flow	56.90		24.07	0.336	9.10	5.16	3.17	45.5	clear	950	0.01	190
1016	monitoring	57.10		24.06	0.335	9.10	5.03	3.26	39.0	clear	1900	0.02	
1021	↓	57.35		24.09	0.336	9.10	5.61	3.11	36.1	clear	2850	0.03	
1026	reduce flow	57.56		24.07	0.336	9.11	4.98	3.24	33.9	clear	3800	0.04	↓
1031	monitoring	57.67		24.46	0.338	9.10	5.62	2.97	33.3	clear	4550	0.04	150
1036		57.81		24.70	0.339	9.13	5.11	2.89	42.0	clear	5300	0.05	
1039		57.89		24.76	0.340	9.11	4.83	3.23	39.5	clear	5750	0.06	
1042		57.95		24.76	0.340	9.12	6.20	3.07	36.5	clear	6200	0.06	
1045	sampling	57.98	↓	24.68	0.339	9.11	4.73	3.88	35.0	clear	6650	0.06	↓
1117	pump off	—											

Alkalinity (ppm) _____ Fe+2 (ppm) _____ Taken, immediately before sampling

Water level at time of sampling (ft btoc): 57.98 Turbidity at time ~~of sampling~~: 4.73

Comments: 3 cycles/min + 11/9 sec ~~discharge~~ refill / discharge (Min PSI 41)
PSI 40 712/8 → 240 ml/min
1011 change to 2 cycles/min, 20/10 = 190 ml/min
1026 " " " " 22/10 = 150 ml/min

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ± 1°C Conductivity ± 5%
pH ± 0.1 Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

Sampling System Volume (SSV) = $(155 \cdot (0.25\text{in})^2 \cdot 95\text{ft}) + 300\text{ml} = 1220\text{ml}$

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GROUNDWATER MONITORING WELL FIELD DATA LOG SHEET - SAMPLING

DATE 06/23/2006 SITE NAME / NUMBER Site 2 - 18089-03

PROGRAM NAME LMC Beaumont Site 2

MONITORING WELL IDENTIFICATION T7 - MW2 - 2

SAMPLE I.D. T7 - MW2 - 2 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 68.46 WELL DEPTH (ft btoc) 119.87

WATER COLUMN (feet) 51.41 CASING/TUBE DIAMETER (in/ft) 4"

WELL/PUMP VOLUME (V) (gals) 127031.0 3 v (gals) 381092.99

PURGING DEVICE: ☐ Grundfos Pump ☐ Peristaltic Pump ☑ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 115 (dedicated)

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 0836 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals / ml)	Well/Pump Volumes Purged	Flow Rate (GPM ml/min)
0750	pump on	68.46	115	—									165
0805	monitoring	69.80	↓	22.35	0.564	8.59	2.83	0.86	140.9	clear	825	0.01	↓
0810	↓	70.06		22.43	0.564	8.59	4.18	0.90	133.3	clear	1650	0.01	
0815	reduce flow to 100ml/min	70.21		22.58	0.566	8.59	2.77	0.97	127.4	clear	2475	0.02	
0820	monitoring	70.46		23.04	0.572	8.59	2.95	0.95	120.1	clear	2975	0.02	100
0825	↓	70.62		23.31	0.574	8.67	2.31	0.99	110.8	clear	3475	0.03	↓
0830		70.76		23.52	0.576	8.60	2.56	1.12	108.8	clear	3875	0.03	80
0833	↓	70.80		23.74	0.579	8.60	2.63	1.07	105.8	clear	4115	0.03	
0836	sampling	70.82	↓	23.85	0.580	8.61	2.95	1.04	103.1	clear	4355	0.03	↓
0936	pump off	—											

Alkalinity (ppm) _____ Fe+2 (ppm) _____ Taken, immediately before sampling

Water level at time of sampling (ft btoc): 70.82 Turbidity at time of sampling: 2.95

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ± 1°C Conductivity ± 5%
pH ± 0.1 Turbidity ≤ 5 NTUs

Comments: 2 ~~3~~ cycles/minute 22 sec - refill / 8 sec - discharge → flow rate = 165 ml/min
⇒ 25 sec - refill / 5 sec discharge
flow rate = 100 ml/min
26 - refill / 4 discharge ≈ 80
Min 50 PSI

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

∴ Sampling System Volume (SSV) = $(155 \cdot (0.25\,in)^2 \cdot 115\,ft) + 300\,ml$ = 1414 ml

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Lockheed Beaumont Site 2
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET – STATIC WATER LEVELS

September 2006
Quarter 3

Monitoring Well I.D.	June 2006 Previous Month Static Water Level	Date Measured	Time	OVA In Well Casing (ppm)	Water Level (feet)	Second Static Water Level (feet)	Sample This Quarter Y/N	Truck Access Y/N	Well TD (feet) see footnote	Comments
Tt-MW-01	53.26	09/07/2006	1126	—	53.92	53.92	Y	Y	—	
Tt-MW-02	68.30	09/07/2006	1138	—	68.43	68.43	Y	Y	—	
Tt-MW-03	69.33	09/07/2006	1200	—	69.45	69.45	Y	Y	—	
Tt-MW-04S	49.22	09/07/2006	1054	—	49.41	49.41	Y	Y	—	
Tt-MW-04D	56.10	09/07/2006	1055	—	56.07	56.07	Y	Y	—	
Tt-MW-05	37.28	09/07/2006	1009	—	37.31	37.31	Y	Y	—	casing stickup = 2.65 ft
Tt-MW-06S	33.79	09/07/2006	1002	—	33.86	33.86	Y	Y	—	casing stickup = 2.8 ft
Tt-MW-06D	34.64	09/07/2006	1003	—	34.83	34.83	Y	Y	—	casing stick up = "
Tt-MW-07	-	09/07/2006	0930	—	18.76	18.76	Y	Y	—	casing stickup = 2.1 ft
Tt-MW-08	-	09/07/2006	0924	—	17.23	17.23	Y	Y	—	casing stickup = 2.9 ft
Tt-MW-09	- DLB	~~09/07~~			~~18.76~~	~~18.76~~	Y	Y		
Tt-MW-10	-	under construction					Y	Y		
Tt-MW-11	-	09/07/2006	1109		45.07	45.07	Y	Y	—	casing stickup = 2.5 ft
Tt-MW-12	-	09/07/2006	1313	—	49.40	49.40	Y	Y	—	" " = 2.9 ft

NOTE:

N/A – Not Available

If difference from this month and previous month is greater than 0.5 feet confirm measurement with 2nd static water level measurement.

T.D. well only if sampling this quarter.

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Lockheed Beaumont Site 2
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET – STATIC WATER LEVELS

September 2006
Quarter 3

Monitoring Well I.D.	June 2006 Previous Month Static Water Level	Date Measured	Time	OVA In Well Casing (ppm)	Water Level (feet)	Second Static Water Level (feet)	Sample This Quarter Y/N	Truck Access Y/N	Well TD (feet) see footnote	Comments
Tt-MW-13	-						Y	Y		
Tt-MW-14	-	under construction					Y	Y		
Tt-MW-15	-						Y	Y		
Tt-MW-16	-	09/07/2006	1145	—	57.73	57.73	Y	Y	—	casing stick up = 1.8ft
Tt-MW-17	-						Y	Y		
Tt-MW-18	-						Y	Y		
[redacted]	-						Y	Y		
[redacted]	-						Y	Y		
PZ-1	-	09/07/2006	0945	—	18.34	18.34	N	Y	—	casing stick up = 2.8ft
MW-9D		09/07/2006	1032	—	39.95	39.95	Y	Y	71.55	" " = 2.5ft
MW 9S		09/07/2006	1025	—	35.54	35.54	Y	Y	43.2	" " = 2.8ft

NOTE:

N/A – Not Available

If difference from this month and previous month is greater than 0.5 feet confirm measurement with 2nd static water level measurement.

T.D. well only if sampling this quarter.

X:\Public\Field\Field Coordination\Forms\Field Forms\Environmental Field Forms\Static Water Levels.doc

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 10 / 02 / 2006 PROJECT NUMBER 18089-03 / 18658-04

PURGING DEVICE ☐ Grundfos Pump ☐ Peristoltic Pump ☑ Bladder Pump (dedicated)

PROGRAM NAME LMC Beaumont Site 2 Fall (Q3) 2006 Monitoring Event

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐

MONITORING WELL IDENTIFICATION Tt-MW2-01

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) NO (vented to)

SAMPLE I.D. Tt-MW2-01 DUPLICATE I.D. Tt-MW2-01 (Dup)

BREATHING ZONE (ppm) (initial) NO (vented to)

STATIC WATER LEVEL (ft btoc) 54.09 TOTAL WELL DEPTH (feet) 73.19

FINAL PUMP DEPTH (ft btoc) 63

WATER COLUMN (feet) 19.10 CASING/TUBE DIAMETER (in/ft) 4"

SAMPLER'S SIGNATURE

WELL/PUMP VOLUME (V) (gal / ml) 47,195 3 V (gal / ml) 141,585

WELL SAMPLE TIME 1613 DUPLICATE SAMPLE TIME 1618

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal / ml)	Well/Pump Volumes Purged	Flow Rate (GPM / ml/min)
1536	pump on	54.09	63										75
1548	monitoring	54.11		25.04	1.258	7.39	1.85	8.87	121.9	clear	~~840~~ 900	0.02	
1553		54.12		24.75	1.231	7.40	1.45	9.25	129.5	clear	~~990~~ 1275	0.03	
1558		54.12		24.62	1.227	7.40	2.37	9.62	134.0	clear	~~1540~~ 1650	0.03	
1603		54.12		24.48	1.223	7.38	1.44	9.80	137.8	clear	~~1890~~ 2025	0.04	
1608		54.12		24.29	1.219	7.38	1.09	10.09	140.3	clear	~~2240~~ 2400	0.05	
1613	sampling	54.12		24.24	1.217	7.38	1.45	10.14	141.1	clear	~~2590~~ 2775	~~0.05~~ 0.06	
1618	collect duplicate sample												
1623	pump off												

Alkalinity (ppm) _____ **Fe^{+2} (ppm)** _____ Taken immediately before sampling

Water level at time of sampling (ft btoc): 54.12 Turbidity at time of sampling: 1.45

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature ± 1°C (1.8°F)	Dissolved Oxygen ± 3 ppm
pH ± 0.1	Turbidity ≤ 5 NTUs
Conductivity ± 5%	Water Level ± 0.1 foot

Comments: 4 GPM, 7.0 sec refill / 8.0 sec discharge flow rate = 75 ml/min
28 PSI

System Sampling Volume (SSV) = 155 * Diameter of discharge tubing in inches(D)^2 * Length of discharge tubing in feet (h) + Bladder Volume (300ml) = 910 ml

Time required to Purge SSV (minutes): 12 min

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 10 / 02 / 2006 PROJECT NUMBER 18089-03 / 18658-04

PURGING DEVICE ☐ Grundfos Pump ☐ Peristoltic Pump ☑ Dedicated Bladder Pump

PROGRAM NAME LMC Beaumont Site 2 Fall (Q3) 2006 Monitoring Event

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer

MONITORING WELL IDENTIFICATION Tt-MW2- 2

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) ND (vented to) ____

SAMPLE I.D. Tt-MW2- 2 DUPLICATE I.D. ~~Tt-MW2- 2~~ DCB

BREATHING ZONE (ppm) (initial) ND (vented to) ____

STATIC WATER LEVEL (ft btoc) 68.54 TOTAL WELL DEPTH (feet) 119.87

FINAL PUMP DEPTH (ft btoc) 115

WATER COLUMN (feet) DCB ~~68.54~~ 51.33 CASING/TUBE DIAMETER (in/ft) 4"

SAMPLER'S SIGNATURE [signature]

WELL/PUMP VOLUME (V) (gal / ml) 126,833 3 V (gal / ml) 380,500

WELL SAMPLE TIME 0931 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal / ml)	Well/Pump Volumes Purged	Flow Rate (GPM / ml/min)
0833	pump on	68.54	115										60
0857	monitoring	69.05		22.32	0.539	8.43	2.34	4.55	104.2	clear	DCB ~~300~~ 1440	DCB ~~0~~ 0.01	~~60~~ 60 DCB
0902		69.06		22.33	0.539	8.47	1.66	3.62	112.8	clear	~~600~~ 1740	~~0~~ 0.01	60
0907		69.29		22.27	0.538	8.56	2.95	3.19	114.4	clear	~~900~~ 2040	~~0.01~~ 0.02	
0912		69.38		22.24	0.538	8.58	DCB ~~2.67~~ 1.45	2.67	117.2	clear	~~1200~~ 2340	~~0.01~~ 0.02	
0917		69.48		22.09	0.535	8.59	1.66	2.33	120.1	clear	~~1500~~ 2640	~~0.01~~ 0.02	
0922		69.59		22.05	0.535	8.59	1.31	2.32	121.3	clear	~~1800~~ 2940	~~0.01~~ 0.02	
0925		69.65		22.11	0.535	8.54	1.84	2.24	123.0	clear	~~1980~~ 3120	~~0.02~~ 0.02	
0928		69.70		22.11	0.535	8.55	1.39	2.17	121.5	clear	~~2160~~ 3300	~~0.02~~ 0.03	
0931	Sampling	69.75		22.18	0.536	8.60	1.83	2.37	113.5	clear	~~2340~~ 3480	~~0.02~~ 0.03	
0940	pump off												

Alkalinity (ppm) ____ Fe^{+2} (ppm) ____ Taken immediately before sampling

Water level at time of sampling (ft btoc): 69.75 Turbidity at time of sampling: 1.83

Comments: 2 cycles / minute, 26 sec. refill / 4.0 sec discharge 70 psi

flow rate = 60 ml/min

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature ± 1°C (1.8°F)	Dissolved Oxygen ± 3 ppm
pH ± 0.1	Turbidity ≤ 5 NTUs
Conductivity ± 5%	Water Level ± 0.1 foot

System Sampling Volume (SSV) = 155 * Diameter of discharge tubing in inches(D)^2 * Length of discharge tubing in feet (h) + Bladder Volume (300ml) = 141.4 ml

(0.25 115 300)

Time required to Purge SSV (minutes): DCB ~~18~~ 24 min.

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 10 / 02 / 2006 PROJECT NUMBER 18089-03 / 18658-04

PURGING DEVICE ☐ Grundfos Pump ☐ Peristoltic Pump ☑ Bladder Pump Dedicated

PROGRAM NAME LMC Beaumont Site 2 Fall (Q3) 2006 Monitoring Event

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐

MONITORING WELL IDENTIFICATION Tt-MW2- 4S

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) ND (vented to) ____

SAMPLE I.D. Tt-MW2- 4S DUPLICATE I.D. ~~Tt-MW2-~~ DCB

BREATHING ZONE (ppm) (initial) ND (vented to) ____

STATIC WATER LEVEL (ft btoc) 49.50 TOTAL WELL DEPTH (feet) 73.14

FINAL PUMP DEPTH (ft btoc) 70

WATER COLUMN (feet) 23.64 CASING/TUBE DIAMETER (in/ft) 4"

SAMPLER'S SIGNATURE [signature]

WELL/PUMP VOLUME (V) (gal / ml) 58,413 3 V (gal / ml) 175,239

WELL SAMPLE TIME 1059 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal / ml)	Well/Pump Volumes Purged	Flow Rate (GPM / ml/min)
1008	pump on	49.50	70										60
1025	monitoring	50.06		23.67	0.417	8.18	5.28	3.18	145.0	clear	DCB 1020 ~~300~~	DCB 0.02 ~~0.01~~	
1030		50.19		23.92	0.418	8.21	5.02	2.90	145.3	clear	1320 ~~600~~	0.02 ~~0.01~~	
1035		50.31		23.75	0.416	8.22	5.34	2.80	147.1	clear	1620 ~~900~~	0.03 ~~0.02~~	
1040		50.41		23.96	0.417	8.22	6.16	2.68	143.1	clear	1920 ~~1200~~	0.03 ~~0.02~~	
1045		50.54		24.25	0.419	8.23	5.34	2.59	143.2	clear	2220 ~~1500~~	0.04 ~~0.03~~	
1050		50.65		24.73	0.422	8.23	5.14	2.46	144.7	clear	2520 ~~1800~~	0.04 ~~0.03~~	
1053		50.67		24.96	0.425	8.24	5.26	2.52	144.3	clear	2720 ~~1980~~	0.05 ~~0.03~~	
1056		50.72		25.17	0.427	8.23	5.98	2.46	145.3	clear	2820 ~~2160~~	0.05 ~~0.04~~	
1059	sampling	50.75		25.39	0.429	8.24	6.83	2.41	148.5	clear	3060 ~~2340~~	0.05 ~~0.04~~	
1108	pump off												

Alkalinity (ppm) ____ **Fe^{+2} (ppm)** ____ Taken immediately before sampling

Water level at time of sampling (ft btoc): 50.75 Turbidity at time of sampling: 6.83

Comments: 2 cycles/min, 26 sec. refill / 4.0 sec. discharge 35 psi

flow rate = 60ml/min

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature ± 1°C (1.8°F)	Dissolved Oxygen ± 3 ppm
pH ± 0.1	Turbidity ≤ 5 NTUs
Conductivity ± 5%	Water Level ± 0.1 foot

System Sampling Volume (SSV) = 155 * Diameter of discharge tubing in inches(D)^2 * Length of discharge tubing in feet (h) + Bladder Volume (300ml) = 978 ml

(0.25 … 70 … 300)

Time required to Purge SSV (minutes): 17

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 10 / 02 / 2006 PROJECT NUMBER 18089-03 / 18658-04

PURGING DEVICE ☐ Grundfos Pump ☐ Peristoltic Pump ☑ Dedicated Bladder Pump

PROGRAM NAME LMC Beaumont Site 2 Fall (Q3) 2006 Monitoring Event

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐

MONITORING WELL IDENTIFICATION Tt-MW2- 40

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) ND (vented to)

SAMPLE I.D. Tt-MW2- 40 DUPLICATE I.D. ~~Tt-MW2-~~ DCB

BREATHING ZONE (ppm) (initial) ND (vented to)

STATIC WATER LEVEL (ft btoc) 56.12 TOTAL WELL DEPTH (feet) 97.68

FINAL PUMP DEPTH (ft btoc) 95

WATER COLUMN (feet) 41.56 CASING/TUBE DIAMETER (in/ft) 4"

SAMPLER'S SIGNATURE

WELL/PUMP VOLUME (V) (gal / ml) 102,692 3 V (gal / ml) 308,077

WELL SAMPLE TIME 1155 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal / ml)	Well/Pump Volumes Purged	Flow Rate (GPM / ml/min)
1113	pump on	56.12	95	~~24.7~~ DCB									115
1124	monitoring	56.58		24.77	0.339	8.69	3.99	2.58	80.5	clear	1265 DCB ~~573~~	DCB ~~0.01~~ 0.01	
1129		56.72		24.71	0.338	8.77	4.03	1.95	100.2	clear	1840 ~~1450~~	~~0.01~~ 0.02	
1134		56.87		24.70	0.337	8.78	4.27	1.77	114.3	clear	2415 ~~1975~~	~~0.02~~ 0.02	
1139		57.02		24.79	0.337	8.78	4.97	1.73	124.2	clear	2990 ~~2500~~	~~0.02~~ 0.03	
1144		57.11		24.97	0.338	8.80	3.59	1.74	129.2	clear	3565 ~~2975~~	~~0.03~~ 0.03	
1149		57.21		25.00	0.339	8.77	3.86	1.79	136.6	clear	4140 ~~3450~~	~~0.03~~ 0.04	
1152		57.26		25.10	0.339	8.80	3.89	1.80	138.1	clear	4485 ~~3775~~	~~0.04~~ 0.04	
1155	sampling	57.31		25.11	0.340	8.80	5.56	1.82	138.7	clear	4830 ~~4100~~	~~0.04~~ 0.05	
1201	pump off												

Alkalinity (ppm) _____ Fe^{+2} (ppm) _____ Taken immediately before sampling

Water level at time of sampling (ft btoc): 57.31 Turbidity at time of sampling: 5.56

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature ± 1°C (1.8°F)	Dissolved Oxygen ± 3 ppm
pH ± 0.1	Turbidity ≤ 5 NTUs
Conductivity ± 5%	Water Level ± 0.1 foot

Comments: 2 cycles/min, 22 sec refill / 8.0 sec. discharge flow rate = 115 ml/min
41 psi

System Sampling Volume (SSV) = 155 * Diameter of discharge tubing in inches(D)^2 * Length of discharge tubing in feet (h) + Bladder Volume (300ml) = 1220 ml

Time required to Purge SSV (minutes): 11 min.

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

X:\Projects\Field Work\Groundwater\Field Forms\Environmental Field Forms\Monitoring Well Purging.doc

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 10 / 02 / 2006 PROJECT NUMBER 18089-03 / 18658-04

PURGING DEVICE ☐ Grundfos Pump ☐ Peristoltic Pump ☑ Bladder Pump (Dedicated)

PROGRAM NAME LMC Beaumont Site 2 Fall (Q3) 2006 Monitoring Event

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐

MONITORING WELL IDENTIFICATION Tt-MW2- 5

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) ND (vented to)

SAMPLE I.D. Tt-MW2- 5 DUPLICATE I.D. ~~Tt-MW2-5 Dup~~ RB

BREATHING ZONE (ppm) (initial) ND (vented to)

STATIC WATER LEVEL (ft btoc) 37.28 TOTAL WELL DEPTH (feet) 42.94

FINAL PUMP DEPTH (ft btoc) 42

WATER COLUMN (feet) 5.66 CASING/TUBE DIAMETER (in/ft) 4"

SAMPLER'S SIGNATURE

WELL/PUMP VOLUME (V) (gal / (ml)) 13,986 3 V (gal / (ml)) 41,957

WELL SAMPLE TIME 1508 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal / (ml))	Well/Pump Volumes Purged	Flow Rate (GPM / (ml/min))
1432	pump on	37.28	42										70
1443	monitoring	37.53		24.43	1.354	7.41	3.89	7.14	133.4	clear	770	0.06	
1448		37.58		25.11	1.376	7.40	2.54	7.02	134.7	clear	1120	0.08	
1453		37.61		25.48	1.389	7.42	1.48	7.04	130.9	clear	1470	0.11	
1458		37.61		26.26	1.407	7.42	2.54	6.71	128.4	clear	1820	0.13	
1503		37.61		26.87	1.425	7.42	1.35	6.53	128.8	clear	2170	0.16	
1508	sampling	37.61		26.40	1.415	7.43	1.34	6.83	131.1	clear	2520	0.18	
1513	pump off												

Alkalinity (ppm) _____ **Fe^{+2} (ppm)** _____ Taken immediately before sampling

Water level at time of sampling (ft btoc): 37.61 Turbidity at time of sampling: 1.34

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature ± 1°C (1.8°F)	Dissolved Oxygen ± 3 ppm
pH ± 0.1	Turbidity ≤ 5 NTUs
Conductivity ± 5%	Water Level ± 0.1 foot

Comments: 4 GPM, 7.0 sec refill / 8.0 sec. discharge [flow rate = 70 ml/min]
20 psi

System Sampling Volume (SSV) = 155 * Diameter of discharge tubing in inches(D)^2 * Length of discharge tubing in feet (h) + Bladder Volume (300ml) = 707ml

Time required to Purge SSV (minutes): 11 min

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 10 / 02 / 2006 PROJECT NUMBER 18089-03 / 18658-04

PURGING DEVICE ☐ Grundfos Pump ☐ Peristoltic Pump ✓ Bladder Pump (Dedicated)

PROGRAM NAME LMC Beaumont Site 2 Fall (Q3) 2006 Monitoring Event

SAMPLING DEVICE ✓ Purging Pump ☐ Disposable Bailer ☐

MONITORING WELL IDENTIFICATION Tt-MW2- 65

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) ND (vented to)

SAMPLE I.D. Tt-MW2- 65 DUPLICATE I.D. ~~Tt-MW2-~~ DCB

BREATHING ZONE (ppm) (initial) ND (vented to)

STATIC WATER LEVEL (ft btoc) 33.82 TOTAL WELL DEPTH (feet) 41.54

FINAL PUMP DEPTH (ft btoc) 40

WATER COLUMN (feet) 7.72 CASING/TUBE DIAMETER (in/ft) 2"

SAMPLER'S SIGNATURE

WELL/PUMP VOLUME (V) (gal / ml) 4769 3 V (gal / ml) 14307

WELL SAMPLE TIME 1415 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal / ml)	Well/Pump Volumes Purged	Flow Rate (GPM / ml/min)
1330	pump on	33.82	40										50
1344	monitoring	34.22		27.05	1.313	7.50	5.23	5.10	113.5	clear	700	0.15	
1349		34.34		26.43	1.305	7.48	4.32	5.47	118.8	clear	950	0.20	
1354		34.43		26.64	1.311	7.47	3.96	5.40	119.7	clear	1200	0.25	
1359		34.53		25.59	1.293	7.47	2.85	5.80	122.1	clear	1450	0.30	
1404		34.61		24.95	1.268	7.46	3.95	5.62	127.7	clear	1700	0.36	
1409		34.71		25.82	1.294	7.49	3.55	5.32	124.1	clear	1950	0.41	
1412		34.75		25.37	1.289	7.52	5.54	5.28	123.9	clear	2100	0.44	
1415	Sampling	34.79		25.19	1.285	7.50	2.58	5.30	128.1	clear	2250	0.47	
1420	pump off												

Alkalinity (ppm) _____ Fe^{-2} (ppm) _____ Taken immediately before sampling

Water level at time of sampling (ft btoc): 34.78 Turbidity at time of sampling: 2.58

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature ± 1°C (1.8°F)	Dissolved Oxygen ± 3 ppm
pH ± 0.1	Turbidity ≤ 5 NTUs
Conductivity ± 5%	Water Level ± 0.1 foot

Comments: 4 cpm, 8.0 sec. refill / 7.0 sec discharge flow rate = 80 ml/min
17 psi → 21 psi 3 cpm, 12.0 sec refill / 8.0 sec discharge = 50 ml/min

System Sampling Volume (SSV) = 155 * Diameter of discharge tubing in inches(D)^2 * Length of discharge tubing in feet (h) + Bladder Volume (300ml) = 628 ml

Time required to Purge SSV (minutes): 14 min

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 10 / 02 / 2006 PROJECT NUMBER 18089-03 / 18658-04

PURGING DEVICE Grundfos Pump ☐ Peristoltic Pump ☑ Bladder Pump (Dedicated)

PROGRAM NAME LMC Beaumont Site 2 Fall (Q3) 2006 Monitoring Event

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐

MONITORING WELL IDENTIFICATION Tt-MW2-60

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) ND (vented to)

SAMPLE I.D. Tt-MW2-60 DUPLICATE I.D. ~~Tt-MW2-~~ DCB

BREATHING ZONE (ppm) (initial) ND (vented to)

STATIC WATER LEVEL (ft btoc) 34.83 TOTAL WELL DEPTH (feet) 60.45

FINAL PUMP DEPTH (ft btoc) 58

WATER COLUMN (feet) 25.62 CASING/TUBE DIAMETER (in/ft) 2"

SAMPLER'S SIGNATURE

WELL/PUMP VOLUME (V) (gal / ml) 15,826 3 V (gal / ml) 47,479

WELL SAMPLE TIME 1319 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal / ml)	Well/Pump Volumes Purged	Flow Rate (GPM / ml/min)
1245	pump on	34.83	58										100
1254	monitoring	35.28		25.38	0.888	8.63	6.12	3.04	48.8	clear	900	0.06	
1259		35.39		25.30	0.917	8.66	1.48	1.29	65.5	clear	1400	0.09	
1304		35.46		25.10	0.922	8.69	0.99	0.95	80.1	clear	1900	0.12	
1309		35.51		25.77	0.933	8.69	1.17	0.80	87.4	clear	2400	0.15	
1314		35.54		25.74	0.925	8.70	1.72	0.77	69.7	clear	2900	0.18	
1319	sampling	35.57		25.86	0.911	8.74	1.21	0.69	63.0	clear	3400	0.21	
1324	pump off												

Alkalinity (ppm) _____ **Fe^{+2} (ppm)** _____ Taken immediately before sampling

Water level at time of sampling (ft btoc): 35.57 Turbidity at time of sampling: 1.21

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature ± 1°C (1.8°F)	Dissolved Oxygen ± 3 ppm
pH ± 0.1	Turbidity < 5 NTUs
Conductivity ± 5%	Water Level ± 0.1 foot

Comments: 4 GPM, 8.0 sec refill / 7.0 sec discharge flow rate = 100 ml/min
25 psi

System Sampling Volume (SSV) = 155 * Diameter of discharge tubing in inches(D)^2 * Length of discharge tubing in feet (h) + Bladder Volume (300ml) = 862 ml

Time required to Purge SSV (minutes): 9 min

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook.

APPENDIX C – WATER LEVEL HYDROGRAPHS

Well TT-MW2-1 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-1
Beaumont NWS
San Jacinto NWS
1984.0
1983.5
1983.0
1982.5
1982.0
1981.5
1981.0
1980.5
1980.0
1979.5
1979.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Aug-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
Dec-05
Feb-06
Apr-06
Jun-06
Aug-06
Oct-06
Dec-06

Well TT-MW2-2 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-2
Beaumont NWS
San Jacinto NWS
2071.5
2071.0
2070.5
2070.0
2069.5
2069.0
2068.5
2068.0
2067.5
2067.0
2066.5
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Aug-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
Dec-05
Feb-06
Apr-06
Jun-06
Aug-06
Oct-06
Dec-06

Well TT-MW2-3 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-3
Beaumont NWS
San Jacinto NWS
2028.0
2027.5
2027.0
2026.5
2026.0
2025.5
2025.0
2024.5
2024.0
2023.5
2023.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Aug-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
Dec-05
Feb-06
Apr-06
Jun-06
Aug-06
Oct-06
Dec-06

Well TT-MW2-4S - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-4S
Beaumont NWS
San Jacinto NWS
1940.0
1939.5
1939.0
1938.5
1938.0
1937.5
1937.0
1936.5
1936.0
1935.5
1935.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Aug-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
Dec-05
Feb-06
Apr-06
Jun-06
Aug-06
Oct-06
Dec-06

Note: Monitoring well TT-MW2-5 groundwater elevations shown are estimated.

Note: Monitoring wells TT-MW2-6S and TT-MW2-6D groundwater elevations shown are estimated.

Transducer Hydrograph TT-MW2-1
Groundwater Elevation (feet amsl)
1982.6
1982.5
1982.4
1982.3
1982.2
1982.1
1982.0
1981.9
1981.8
1981.7
1981.6
02/13/06
02/20/06
02/27/06
03/06/06
03/13/06
03/20/06
03/27/06
04/03/06
Time

Transducer Hydrograph TT-MW2-3
Groundwater Elevation (feet amsl)
2026.0
2025.9
2025.8
2025.7
2025.6
2025.5
2025.4
2025.3
2025.2
2025.1
2025.0
02/13/06
02/20/06
02/27/06
03/06/06
03/13/06
03/20/06
03/27/06
04/03/06
Time

Transducer Hydrograph TT-MW2-5
Groundwater Elevation (feet amsl)
1881.5
1881.4
1881.3
1881.2
1881.1
1881.0
1880.9
1880.8
1880.7
1880.6
1880.5
02/13/06
02/20/06
02/27/06
03/06/06
03/13/06
03/20/06
03/27/06
04/03/06
Time

APPENDIX D – VALIDATED ANALYTICAL RESULTS BY METHOD

VALIDATION GUIDELINES

Validation Qualifiers

B: The sample result is less than 5 times (10 times for common organic laboratory contaminants) the blank contamination. The result qualified for blank contamination is considered not to have originated from the environmental sample, since cross-contamination is suspected.

J: The analyte was positively identified, but the analyte concentration is an estimated value.

R: The sample result is rejected and not usable for any purpose. The presence or absence of the analyte cannot be verified.

U: The analyte was analyzed for, but was not detected above the MDL.

UJ: The analyte was not detected above the MDL. However, the MDL may be elevated above the reported detection limit.

Y: Confirmation column results indicate a non-detect for the target analyte.

Qualifier Descriptors

a: The analyte was found in the method blank.

b: The surrogate spike recovery was outside control limits.

c: The Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) recoveries were outside control limits.

d: The Laboratory Control Sample (LCS) recovery was outside control limits.

e: A holding time violation occurred.

f: The duplicate samples Relative Percent Difference (RPD) was outside the control limit.

g: The datum met prescribed method criteria.

h: The method requires a confirmation result, but none was performed..

k: The analyte was found in a field blank.

l: The second column confirmation result indicates the analyte was not confirmed.

n: The laboratory case narrative indicated a QC problem.

p: The result was qualified based on professional judgement.

q: The analyte detection was below the Practical Quantitation Limit (PQL).

r: The result is above the instrument's calibration range.

t: The sample temperature was outside acceptance criteria.

Project: Beaumont						Table C-1								
Site: 2						Analytical Data Summary								
Extraction Method: SW3520B						EPA Method E1625C								
Analytical Method: E1625C														
Matrix: Water														
Units: ng/L														
			Environmental Samples											
		Field ID:		Tt-MW2-5										
		SDG:		06-06-1560										
		Batch ID:		060628L03										
Parameters	MDL		PQL	Result	Validity	Comments								
				(Unfiltered)										
1,4-Dioxane	0.40		2.0	<0.40	U	g								
N-Nitrosodimethylamine	0.48		2.0	<0.48	U	g								

Project: Beaumont								Table C-1						
Site: 2								Analytical Data Summary						
Extraction Method: SW3520B								EPA Method E1625C						
Analytical Method: E1625C														
Matrix: Water														
Units: ng/L														
			Environmental Samples											
		Field ID:		Tt-MW2-1				Tt-MW2-3				Tt-MW2-103		
		SDG:		06-06-1647				06-06-1647				06-06-1647		
		Batch ID:		060629L10				060629L10				060629L10		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				(Unfiltered)				(Unfiltered)				(Unfiltered)		
N-Nitrosodimethylamine	0.48		2.0	<0.48	U	g	2.0	<0.48	U	g	2.0	<0.48	U	g

Project: Beaumont							**Table C-2**							
Site: 2							**Analytical Data Summary**							
Extraction Method: None							**EPA Method E218.6**							
Analytical Method: E218.6														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		Tt-MW2-5										
		SDG:		06-06-1560										
		Batch ID:		060626L01										
Parameters	MDL		PQL	Result	Validity	Comments								
Chromium, Hexavalent	0.0050		0.2	1.0		g								

Project: Beaumont								Table C-2						
Site: 2								Analytical Data Summary						
Extraction Method: None								EPA Method E218.6						
Analytical Method: E218.6														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		Tt-MW2-1				Tt-MW2-3				Tt-MW2-103		
		SDG:		06-06-1647				06-06-1647				06-06-1647		
		Batch ID:		060627L02				060627L02				060627L02		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Chromium, Hexavalent	0.0050		0.2	2.9		g	0.2	1.2		g	0.2	1.2		g

Project: Beaumont								Table C-3						
Site: 2								Analytical Data Summary						
Extraction Method: None								EPA Method E314.0						
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		Tt-MW2-2				Tt-MW2-4D				Tt-MW2-4S		
		SDG:		06-06-1502				06-06-1502				06-06-1502		
		Batch ID:		060629L01				060629L01				060629L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Perchlorate	0.43		2.0	<0.43	U	g	2.0	<0.43	U	g	2.0	<0.43	U	g

Project: Beaumont							Table C-3							
Site: 2							Analytical Data Summary							
Extraction Method: None							EPA Method E314.0							
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		Tt-MW2-5				Tt-MW2-6D				Tt-MW2-6S		
		SDG:		06-06-1560				06-06-1560				06-06-1560		
		Batch ID:		060629L01				060629L01				060629L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 100								Dilution 10		
Perchlorate	0.43		200	890		g	2.00	0.54	J	q	20	270		g

Project: Beaumont								Table C-3						
Site: 2								Analytical Data Summary						
Extraction Method: None								EPA Method E314.0						
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		Tt-MW2-1				Tt-MW2-3				Tt-MW2-103		
		SDG:		06-06-1647				06-06-1647				06-06-1647		
		Batch ID:		060629L01				060629L01				060629L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 100				Dilution 2000				Dilution 2000		
Perchlorate	0.43		200	4500		g	4000	32000		g	4000	33000		g

Project: Beaumont								Table C-3						
Site: 2								Analytical Data Summary						
Extraction Method: None								EPA Method E314.0						
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		TT-MW2-1				TT-MW2-2				TT-MW2-4D		
		SDG:		06J021				06J021				06J021		
		Batch ID:		PCJ006W				PCJ003W				PCJ003W		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 200										
Perchlorate	0.5		400	4850		g	2	<0.5	U	g	2	<0.5	U	g

Project: Beaumont														
Site: 2														
Extraction Method: None														
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		TT-MW2-4S				TT-MW2-5				TT-MW2-6D		
		SDG:		06J021				06J021				06J021		
		Batch ID:		PCJ003W				PCJ006W				PCJ003W		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
								Dilution 100						
Perchlorate	0.5		2	<0.5	U	g	200	981		g	2	<0.5	U	g

Table C-3
Analytical Data Summary
EPA Method E314.0

Project: Beaumont						**Table C-3**								
Site: 2						**Analytical Data Summary**								
Extraction Method: None						**EPA Method E314.0**								
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		TT-MW2-6S										
		SDG:		06J021										
		Batch ID:		PCJ006W										
Parameters	MDL		PQL	Result	Validity	Comments								
				Dilution 16										
Perchlorate	0.5		32	298		g								

Project: Beaumont						**Table C-3**								
Site: 2						**Analytical Data Summary**								
Extraction Method: None						**EPA Method E314.0**								
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		TT-MW2-3										
		SDG:		06J067										
		Batch ID:		PCJ006W										
Parameters	MDL		PQL	Result	Validity	Comments								
				Dilution 2000										
Perchlorate	0.5		4000	22200		g								

Project: Beaumont								Table C-4						
Site: 2								Analytical Data Summary						
Extraction Method: SW5030B								EPA Method E524.2 1,2,3-Trichloropropane						
Analytical Method: E524.2 1,2,3-Trichloropropane														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		Tt-MW2-2				Tt-MW2-4D				Tt-MW2-4S		
		SDG:		06-06-1502				06-06-1502				06-06-1502		
		Batch ID:		060626L01				060626L01				060626L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,2,3-Trichloropropane	0.0017		0.0050	<0.0017	U	g	0.0050	<0.0017	U	g	0.0050	<0.0017	U	g

Project: Beaumont						**Table C-4**								
Site: 2						**Analytical Data Summary**								
Extraction Method: SW5030B						**EPA Method E524.2 1,2,3-Trichloropropane**								
Analytical Method: E524.2 1,2,3-Trichloropropane														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		Tt-MW2-5				Tt-MW2-6D				Tt-MW2-6S		
		SDG:		06-06-1560				06-06-1560				06-06-1560		
		Batch ID:		060628L01				060628L01				060628L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,2,3-Trichloropropane	0.0017		0.0050	0.0018	B J	a, q	0.0050	0.0018	B J	a, q	0.0050	<0.0017	U	g

Project: Beaumont
Site: 2
Extraction Method: SW5030B
Analytical Method: E524.2 1,2,3-Trichloropropane
Matrix: Water
Units: ug/L

Table C-4
Analytical Data Summary
EPA Method E524.2 1,2,3-Trichloropropane

			Environmental Samples											
		Field ID:		Tt-MW2-1				Tt-MW2-3				Tt-MW2-103		
		SDG:		06-06-1647				06-06-1647				06-06-1647		
		Batch ID:		060629L01				060629L01				060629L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,2,3-Trichloropropane	0.0017		0.0050	<0.0017	U	g	0.0050	<0.0017	UJ	c	0.0050	<0.0017	U	g

Project: Beaumont
Site: 2
Extraction Method: SW3010A
Analytical Method: SW6010B
Matrix: Water
Units: mg/L

Table C-5
Analytical Data Summary
EPA Method SW6010B

			Environmental Samples											
		Field ID:		Tt-MW2-2				Tt-MW2-2				Tt-MW2-4D		
		SDG:		06-06-1502				06-06-1502				06-06-1502		
		Batch ID:		060626L08				060626L08				060626L08		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				(Unfiltered)				(Filtered)				(Unfiltered)		
Arsenic	0.00308		0.0100	0.00406	J	q	0.0100	0.00505	J	q	0.0100	0.0941		g
Beryllium	0.000176		0.00100	<0.000176	U	g	0.00100	<0.000176	U	g	0.00100	<0.000176	U	g
Cadmium	0.000350		0.00500	<0.000350	U	g	0.00500	<0.000350	U	g	0.00500	<0.000350	U	g
Lead	0.00236		0.0100	<0.00236	U	g	0.0100	0.00278	J	q	0.0100	<0.00236	U	g

Project: Beaumont
Site: 2
Extraction Method: SW3005A
Analytical Method: SW6010B
Matrix: Water
Units: mg/L

Table C-5
Analytical Data Summary
EPA Method SW6010B

			Environmental Samples											
		Field ID:		Tt-MW2-4D				Tt-MW2-4S				Tt-MW2-4S		
		SDG:		06-06-1502				06-06-1502				06-06-1502		
		Batch ID:		060626L08				060626L08				060626L08		
Parameters	MDL		PQL	Result (Filtered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Filtered)	Validity	Comments
Arsenic	0.00308		0.0100	0.0901		g	0.0100	0.0490		g	0.0100	0.0469		g
Beryllium	0.000176		0.00100	<0.000176	U	g	0.00100	<0.000176	U	g	0.00100	<0.000176	U	g
Cadmium	0.000350		0.00500	<0.000350	U	g	0.00500	<0.000350	U	g	0.00500	<0.000350	U	g
Lead	0.00236		0.0100	<0.00236	U	g	0.0100	<0.00236	U	g	0.0100	<0.00236	U	g

Project: Beaumont
Site: 2
Extraction Method: SW3010A
Analytical Method: SW6010B
Matrix: Water
Units: mg/L

Table C-5
Analytical Data Summary
EPA Method SW6010B

			Environmental Samples											
		Field ID:		Tt-MW2-5				Tt-MW2-5				Tt-MW2-6D		
		SDG:		06-06-1560				06-06-1560				06-06-1560		
		Batch ID:		060626L06				060626L06				060626L06		
Parameters	MDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Filtered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments
Arsenic	0.00308		0.0100	<0.00308	U	g	0.0100	<0.00308	U	g	0.0100	0.0127		g
Beryllium	0.000176		0.00100	<0.000176	U	g	0.00100	<0.000176	U	g	0.00100	<0.000176	U	g
Cadmium	0.000350		0.00500	<0.000350	U	g	0.00500	<0.000350	U	g	0.00500	<0.000350	U	g
Lead	0.00236		0.0100	<0.00236	U	g	0.0100	<0.00236	U	g	0.0100	<0.00236	U	g

Project: Beaumont								Table C-5						
Site: 2								Analytical Data Summary						
Extraction Method: SW3005A								EPA Method SW6010B						
Analytical Method: SW6010B														
Matrix: Water														
Units: mg/L														
			Environmental Samples											
		Field ID:		Tt-MW2-6D				Tt-MW2-6S				Tt-MW2-6S		
		SDG:		06-06-1560				06-06-1560				06-06-1560		
		Batch ID:		060626L06				060626L06				060626L06		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				(Filtered)				(Unfiltered)				(Filtered)		
Arsenic	0.00308		0.0100	0.0126		g	0.0100	<0.00308	U	g	0.0100	<0.00308	U	g
Beryllium	0.000176		0.00100	<0.000176	U	g	0.00100	<0.000176	U	g	0.00100	<0.000176	U	g
Cadmium	0.000350		0.00500	<0.000350	U	g	0.00500	<0.000350	U	g	0.00500	<0.000350	U	g
Lead	0.00236		0.0100	<0.00236	U	g	0.0100	<0.00236	U	g	0.0100	<0.00236	U	g

Project: Beaumont								Table C-5						
Site: 2								Analytical Data Summary						
Extraction Method: SW3010A								EPA Method SW6010B						
Analytical Method: SW6010B														
Matrix: Water														
Units: mg/L														
			Environmental Samples											
		Field ID:		Tt-MW2-1				Tt-MW2-1				Tt-MW2-3		
		SDG:		06-06-1647				06-06-1647				06-06-1647		
		Batch ID:		060628L06				060628L06				060628L06		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				(Unfiltered)				(Filtered)				(Unfiltered)		
Arsenic	0.00308		0.0100	<0.00308	U	g	0.0100	<0.00308	U	g	0.0100	<0.00308	U	g
Beryllium	0.000176		0.00100	<0.000176	U	g	0.00100	<0.000176	U	g	0.00100	<0.000176	U	g
Cadmium	0.000350		0.00500	<0.000350	U	g	0.00500	<0.000350	U	g	0.00500	<0.000350	U	g
Lead	0.00236		0.0100	<0.00236	U	g	0.0100	<0.00236	U	g	0.0100	<0.00236	U	g

Project: Beaumont
Site: 2
Extraction Method: SW3005A
Analytical Method: SW6010B
Matrix: Water
Units: mg/L

Table C-5
Analytical Data Summary
EPA Method SW6010B

			Environmental Samples											
		Field ID:		Tt-MW2-3				Tt-MW2-103				Tt-MW2-103		
		SDG:		06-06-1647				06-06-1647				06-06-1647		
		Batch ID:		060628L06				060628L06				060628L06		
Parameters	MDL		PQL	Result (Filtered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Filtered)	Validity	Comments
Arsenic	0.00308		0.0100	<0.00308	U	g	0.0100	<0.00308	U	g	0.0100	<0.00308	U	g
Beryllium	0.000176		0.00100	<0.000176	U	g	0.00100	<0.000176	U	g	0.00100	<0.000176	U	g
Cadmium	0.000350		0.00500	<0.000350	U	g	0.00500	<0.000350	U	g	0.00500	<0.000350	U	g
Lead	0.00236		0.0100	<0.00236	U	g	0.0100	<0.00236	U	g	0.0100	<0.00236	U	g

Project: Beaumont
Site: 2
Extraction Method: SW5030B
Analytical Method: SW8260B
Matrix: Water
Units: ug/L

Table C-6
Analytical Data Summary
EPA Method SW8260B

			Environmental Samples											
		Field ID:		Tt-MW2-2				Tt-MW2-4D				Tt-MW2-4S		
		SDG:		06-06-1502				06-06-1502				06-06-1502		
		Batch ID:		060626L01				060626L01				060626L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,1,1,2-Tetrachloroethane	0.37		1.0	<0.37	U	g	1.0	<0.37	U	g	1.0	<0.37	U	g
1,1,1-Trichloroethane	0.32		1.0	<0.32	U	g	1.0	<0.32	U	g	1.0	<0.32	U	g
1,1,2,2-Tetrachloroethane	0.37		1.0	<0.37	U	g	1.0	<0.37	U	g	1.0	<0.37	U	g
1,1,2-Trichloroethane	0.54		1.0	<0.54	U	g	1.0	<0.54	U	g	1.0	<0.54	U	g
1,1,2-Trichlorotrifluoroethane	0.54		10	<0.54	U	g	10	<0.54	U	g	10	<0.54	U	g
1,1-Dichloroethane	0.53		1.0	<0.53	U	g	1.0	<0.53	U	g	1.0	<0.53	U	g
1,1-Dichloroethene	0.31		1.0	<0.31	U	g	1.0	<0.31	U	g	1.0	<0.31	U	g
1,1-Dichloropropene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
1,2,3-Trichlorobenzene	0.39		1.0	<0.39	U	g	1.0	<0.39	U	g	1.0	<0.39	U	g
1,2,3-Trichloropropane	2.3		5.0	<2.3	U	g	5.0	<2.3	U	g	5.0	<2.3	U	g
1,2,4-Trichlorobenzene	0.35		1.0	<0.35	U	g	1.0	<0.35	U	g	1.0	<0.35	U	g
1,2,4-Trimethylbenzene	0.26		1.0	<0.26	U	g	1.0	<0.26	U	g	1.0	<0.26	U	g
1,2-Dibromo-3-Chloropropane	2.5		5.0	<2.5	U	g	5.0	<2.5	U	g	5.0	<2.5	U	g
1,2-Dibromoethane	0.81		1.0	<0.81	U	g	1.0	<0.81	U	g	1.0	<0.81	U	g
1,2-Dichlorobenzene	0.24		1.0	<0.24	U	g	1.0	<0.24	U	g	1.0	<0.24	U	g
1,2-Dichloroethane	0.22		0.50	<0.22	U	g	0.50	<0.22	U	g	0.50	<0.22	U	g
1,2-Dichloropropane	0.28		1.0	<0.28	U	g	1.0	<0.28	U	g	1.0	<0.28	U	g
1,3,5-Trimethylbenzene	0.19		1.0	<0.19	U	g	1.0	<0.19	U	g	1.0	<0.19	U	g
1,3-Dichlorobenzene	0.38		1.0	<0.38	U	g	1.0	<0.38	U	g	1.0	<0.38	U	g
1,3-Dichloropropane	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
1,4-Dichlorobenzene	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
2,2-Dichloropropane	0.40		1.0	<0.40	U	g	1.0	<0.40	U	g	1.0	<0.40	U	g
2-Butanone	4.2		10.0	4.6	J	q	10	<4.2	U	g	10	<4.2	U	g
2-Chlorotoluene	0.24		1.0	<0.24	U	g	1.0	<0.24	U	g	1.0	<0.24	U	g
2-Hexanone	1.9		10	<1.9	U	g	10	<1.9	U	g	10	<1.9	U	g
4-Chlorotoluene	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
4-Methyl-2-Pentanone	2.4		10	<2.4	U	g	10	<2.4	U	g	10	<2.4	U	g
Acetone	6.1		10	<6.1	U	g	10.0	9.7	B J	k, q	10.0	7.3	B J	k, q
Benzene	0.26		0.50	<0.26	U	g	0.50	<0.26	U	g	0.50	<0.26	U	g
Bromobenzene	0.47		1.0	<0.47	U	g	1.0	<0.47	U	g	1.0	<0.47	U	g
Bromochloromethane	0.68		1.0	<0.68	U	g	1.0	<0.68	U	g	1.0	<0.68	U	g
Bromodichloromethane	0.27		1.0	<0.27	U	g	1.0	<0.27	U	g	1.0	<0.27	U	g
Bromoform	0.62		1.0	<0.62	U	g	1.0	<0.62	U	g	1.0	<0.62	U	g
Bromomethane	2.9		10	<2.9	U	g	10	<2.9	U	g	10	<2.9	U	g
Carbon Disulfide	1.0		10	<1.0	U	g	10	<1.0	U	g	10	<1.0	U	g
Carbon Tetrachloride	0.42		0.50	<0.42	U	g	0.50	<0.42	U	g	0.50	<0.42	U	g
Chlorobenzene	0.36		1.0	<0.36	U	g	1.0	<0.36	U	g	1.0	<0.36	U	g
Chlorodibromomethane	0.45		1.0	<0.45	U	g	1.0	<0.45	U	g	1.0	<0.45	U	g
Chloroethane	0.52		1.0	<0.52	U	g	1.0	<0.52	U	g	1.0	<0.52	U	g
Chloroform	0.22		1.0	<0.22	U	g	1.0	<0.22	U	g	1.0	<0.22	U	g
Chloromethane	1.8		10	<1.8	U	g	10	<1.8	U	g	10	<1.8	U	g
Dibromomethane	0.42		1.0	<0.42	U	g	1.0	<0.42	U	g	1.0	<0.42	U	g
Dichlorodifluoromethane	0.27		1.0	<0.27	U	g	1.0	<0.27	U	g	1.0	<0.27	U	g
Ethylbenzene	0.17		1.0	<0.17	U	g	1.0	<0.17	U	g	1.0	<0.17	U	g
Isopropylbenzene	0.24		1.0	<0.24	U	g	1.0	<0.24	U	g	1.0	<0.24	U	g
Methyl tert-butyl ether (MTBE)	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
Methylene Chloride	2.6		10.0	4.1	B J	a, k, q	10.0	4.9	B J	a, k, q	10.0	3.9	B J	a, k, q

Project: Beaumont								Table C-6						
Site: 2								Analytical Data Summary						
Extraction Method: SW5030B								EPA Method SW8260B						
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		Tt-MW2-2				Tt-MW2-4D				Tt-MW2-4S		
		SDG:		06-06-1502				06-06-1502				06-06-1502		
		Batch ID:		060626L01				060626L01				060626L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Naphthalene	0.95		10	<0.95	U	g	10	<0.95	U	g	10	<0.95	U	g
Styrene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
Tetrachloroethene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
Toluene	0.35		1.0	<0.35	U	g	1.0	<0.35	U	g	1.0	<0.35	U	g
Trichloroethene	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
Trichlorofluoromethane	0.36		10	<0.36	U	g	10	<0.36	U	g	10	<0.36	U	g
Vinyl Acetate	3.2		10	<3.2	U	g	10	<3.2	U	g	10	<3.2	U	g
Vinyl Chloride	0.33		0.50	<0.33	U	g	0.50	<0.33	U	g	0.50	<0.33	U	g
cis-1,2-Dichloroethene	0.35		1.0	<0.35	U	g	1.0	<0.35	U	g	1.0	<0.35	U	g
cis-1,3-Dichloropropene	0.45		0.50	<0.45	U	g	0.50	<0.45	U	g	0.50	<0.45	U	g
n-Butylbenzene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
m,p-Xylenes	0.38		1.0	<0.38	U	g	1.0	<0.38	U	g	1.0	<0.38	U	g
n-Propylbenzene	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
o-Xylene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
p-Isopropyltoluene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
sec-Butylbenzene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
tert-Butylbenzene	0.17		1.0	<0.17	U	g	1.0	<0.17	U	g	1.0	<0.17	U	g
trans-1,2-Dichloroethene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
trans-1,3-Dichloropropene	0.31		0.50	<0.31	U	g	0.50	<0.31	U	g	0.50	<0.31	U	g

Project: Beaumont
Site: 2
Extraction Method: SW5030B
Analytical Method: SW8260B
Matrix: Water
Units: ug/L

Table C-6
Analytical Data Summary
EPA Method SW8260B

			Environmental Samples											
		Field ID:		Tt-MW2-5				Tt-MW2-6D				Tt-MW2-6S		
		SDG:		06-06-1560				06-06-1560				06-06-1560		
		Batch ID:		060627L03				060627L03				060627L03		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,1,1,2-Tetrachloroethane	0.37		1.0	<0.37	U	g	1.0	<0.37	U	g	1.0	<0.37	U	g
1,1,1-Trichloroethane	0.32		1.0	<0.32	U	g	1.0	<0.32	U	g	1.0	<0.32	U	g
1,1,2,2-Tetrachloroethane	0.37		1.0	<0.37	U	g	1.0	<0.37	U	g	1.0	<0.37	U	g
1,1,2-Trichloroethane	0.54		1.0	<0.54	U	g	1.0	<0.54	U	g	1.0	<0.54	U	g
1,1,2-Trichlorotrifluoroethane	0.54		10	<0.54	U	g	10	<0.54	U	g	10	<0.54	U	g
1,1-Dichloroethane	0.53		1.0	<0.53	U	g	1.0	<0.53	U	g	1.0	<0.53	U	g
1,1-Dichloroethene	0.31		1.0	<0.31	U	g	1.0	<0.31	U	g	1.0	<0.31	U	g
1,1-Dichloropropene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
1,2,3-Trichlorobenzene	0.39		1.0	<0.39	U	g	1.0	<0.39	U	g	1.0	<0.39	U	g
1,2,3-Trichloropropane	2.3		5.0	<2.3	U	g	5.0	<2.3	U	g	5.0	<2.3	U	g
1,2,4-Trichlorobenzene	0.35		1.0	<0.35	U	g	1.0	<0.35	U	g	1.0	<0.35	U	g
1,2,4-Trimethylbenzene	0.26		1.0	<0.26	U	g	1.0	<0.26	U	g	1.0	<0.26	U	g
1,2-Dibromo-3-Chloropropane	2.5		5.0	<2.5	U	g	5.0	<2.5	U	g	5.0	<2.5	U	g
1,2-Dibromoethane	0.81		1.0	<0.81	U	g	1.0	<0.81	U	g	1.0	<0.81	U	g
1,2-Dichlorobenzene	0.24		1.0	<0.24	U	g	1.0	<0.24	U	g	1.0	<0.24	U	g
1,2-Dichloroethane	0.22		0.50	<0.22	U	g	0.50	<0.22	U	g	0.50	<0.22	U	g
1,2-Dichloropropane	0.28		1.0	<0.28	U	g	1.0	<0.28	U	g	1.0	<0.28	U	g
1,3,5-Trimethylbenzene	0.19		1.0	<0.19	U	g	1.0	<0.19	U	g	1.0	<0.19	U	g
1,3-Dichlorobenzene	0.38		1.0	<0.38	U	g	1.0	<0.38	U	g	1.0	<0.38	U	g
1,3-Dichloropropane	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
1,4-Dichlorobenzene	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
2,2-Dichloropropane	0.40		1.0	<0.40	U	g	1.0	<0.40	U	g	1.0	<0.40	U	g
2-Butanone	4.2		10	<4.2	U	g	10	<4.2	U	g	10	<4.2	U	g
2-Chlorotoluene	0.24		1.0	<0.24	U	g	1.0	<0.24	U	g	1.0	<0.24	U	g
2-Hexanone	1.9		10	<1.9	U	g	10	<1.9	U	g	10	<1.9	U	g
4-Chlorotoluene	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
4-Methyl-2-Pentanone	2.4		10	<2.4	U	g	10	<2.4	U	g	10	<2.4	U	g
Acetone	6.1		10.0	6.3	J	q	10.0	7.2	J	q	10.0	7.3	J	q
Benzene	0.26		0.50	<0.26	U	g	0.50	<0.26	U	g	0.50	<0.26	U	g
Bromobenzene	0.47		1.0	<0.47	U	g	1.0	<0.47	U	g	1.0	<0.47	U	g
Bromochloromethane	0.68		1.0	<0.68	U	g	1.0	<0.68	U	g	1.0	<0.68	U	g
Bromodichloromethane	0.27		1.0	<0.27	U	g	1.0	<0.27	U	g	1.0	<0.27	U	g
Bromoform	0.62		1.0	<0.62	U	g	1.0	<0.62	U	g	1.0	<0.62	U	g
Bromomethane	2.9		10	<2.9	U	g	10	<2.9	U	g	10	<2.9	U	g
Carbon Disulfide	1.0		10.0	1.2	J	q	10	<1.0	U	g	10	<1.0	U	g
Carbon Tetrachloride	0.42		0.50	<0.42	U	g	0.50	<0.42	U	g	0.50	<0.42	U	g
Chlorobenzene	0.36		1.0	<0.36	U	g	1.0	<0.36	U	g	1.0	<0.36	U	g
Chlorodibromomethane	0.45		1.0	<0.45	U	g	1.0	<0.45	U	g	1.0	<0.45	U	g
Chloroethane	0.52		1.0	<0.52	U	g	1.0	<0.52	U	g	1.0	<0.52	U	g
Chloroform	0.22		1.0	<0.22	U	g	1.0	<0.22	U	g	1.0	<0.22	U	g
Chloromethane	1.8		10	<1.8	U	g	10	<1.8	U	g	10	<1.8	U	g
Dibromomethane	0.42		1.0	<0.42	U	g	1.0	<0.42	U	g	1.0	<0.42	U	g
Dichlorodifluoromethane	0.27		1.0	<0.27	U	g	1.0	<0.27	U	g	1.0	<0.27	U	g
Ethylbenzene	0.17		1.0	<0.17	U	g	1.0	<0.17	U	g	1.0	<0.17	U	g
Isopropylbenzene	0.24		1.0	<0.24	U	g	1.0	<0.24	U	g	1.0	<0.24	U	g
Methyl tert-butyl ether (MTBE)	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
Methylene Chloride	2.6		10	<2.6	U	g	10	<2.6	U	g	10	<2.6	U	g

Project: Beaumont								Table C-6						
Site: 2								Analytical Data Summary						
Extraction Method: SW5030B								EPA Method SW8260B						
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		Tt-MW2-5				Tt-MW2-6D				Tt-MW2-6S		
		SDG:		06-06-1560				06-06-1560				06-06-1560		
		Batch ID:		060627L03				060627L03				060627L03		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Naphthalene	0.95		10	<0.95	U	g	10	<0.95	U	g	10	<0.95	U	g
Styrene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
Tetrachloroethene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
Toluene	0.35		1.0	1.1		g	1.0	<0.35	U	g	1.00	0.97	J	q
Trichloroethene	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
Trichlorofluoromethane	0.36		10	<0.36	U	g	10	<0.36	U	g	10	<0.36	U	g
Vinyl Acetate	3.2		10	<3.2	U	g	10	<3.2	U	g	10	<3.2	U	g
Vinyl Chloride	0.33		0.50	<0.33	U	g	0.50	<0.33	U	g	0.50	<0.33	U	g
cis-1,2-Dichloroethene	0.35		1.0	<0.35	U	g	1.0	<0.35	U	g	1.0	<0.35	U	g
cis-1,3-Dichloropropene	0.45		0.50	<0.45	U	g	0.50	<0.45	U	g	0.50	<0.45	U	g
n-Butylbenzene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
m,p-Xylenes	0.38		1.0	<0.38	U	g	1.0	<0.38	U	g	1.0	<0.38	U	g
n-Propylbenzene	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
o-Xylene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
p-Isopropyltoluene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
sec-Butylbenzene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
tert-Butylbenzene	0.17		1.0	<0.17	U	g	1.0	<0.17	U	g	1.0	<0.17	U	g
trans-1,2-Dichloroethene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
trans-1,3-Dichloropropene	0.31		0.50	<0.31	U	g	0.50	<0.31	U	g	0.50	<0.31	U	g

Project: Beaumont														
Site: 2														
Extraction Method: SW5030B														
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		Tt-MW2-1				Tt-MW2-3				Tt-MW2-103		
		SDG:		06-06-1647				06-06-1647				06-06-1647		
		Batch ID:		060628L02				060630L01				060630L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,1,1,2-Tetrachloroethane	0.37		1.0	<0.37	U	g	1.0	<0.37	U	g	1.0	<0.37	U	g
1,1,1-Trichloroethane	0.32		1.0	<0.32	U	g	1.0	<0.32	U	g	1.0	<0.32	U	g
1,1,2,2-Tetrachloroethane	0.37		1.0	<0.37	U	g	1.0	<0.37	U	g	1.0	<0.37	U	g
1,1,2-Trichloroethane	0.54		1.0	<0.54	U	g	1.0	<0.54	U	g	1.0	<0.54	U	g
1,1,2-Trichlorotrifluoroethane	0.54		10	<0.54	U	g	10	<0.54	U	g	10	<0.54	U	g
1,1-Dichloroethane	0.53		1.0	<0.53	U	g	1.0	<0.53	U	g	1.0	<0.53	U	g
1,1-Dichloroethene	0.31		1.0	<0.31	U	g	1.0	<0.31	U	g	1.0	<0.31	U	g
1,1-Dichloropropene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
1,2,3-Trichlorobenzene	0.39		1.0	<0.39	U	g	1.0	<0.39	U	g	1.0	<0.39	U	g
1,2,3-Trichloropropane	2.3		5.0	<2.3	U	g	5.0	<2.3	U	g	5.0	<2.3	U	g
1,2,4-Trichlorobenzene	0.35		1.0	<0.35	U	g	1.0	<0.35	U	g	1.0	<0.35	U	g
1,2,4-Trimethylbenzene	0.26		1.0	<0.26	U	g	1.0	<0.26	U	g	1.0	<0.26	U	g
1,2-Dibromo-3-Chloropropane	2.5		5.0	<2.5	U	g	5.0	<2.5	U	g	5.0	<2.5	U	g
1,2-Dibromoethane	0.81		1.0	<0.81	U	g	1.0	<0.81	U	g	1.0	<0.81	U	g
1,2-Dichlorobenzene	0.24		1.0	<0.24	U	g	1.0	<0.24	U	g	1.0	<0.24	U	g
1,2-Dichloroethane	0.22		0.50	<0.22	U	g	0.50	<0.22	U	g	0.50	<0.22	U	g
1,2-Dichloropropane	0.28		1.0	<0.28	U	g	1.0	<0.28	U	g	1.0	<0.28	U	g
1,3,5-Trimethylbenzene	0.19		1.0	<0.19	U	g	1.0	<0.19	U	g	1.0	<0.19	U	g
1,3-Dichlorobenzene	0.38		1.0	<0.38	U	g	1.0	<0.38	U	g	1.0	<0.38	U	g
1,3-Dichloropropane	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
1,4-Dichlorobenzene	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
2,2-Dichloropropane	0.40		1.0	<0.40	U	g	1.0	<0.40	U	g	1.0	<0.40	U	g
2-Butanone	4.2		10	14		g	10	<4.2	U	g	10	<4.2	U	g
2-Chlorotoluene	0.24		1.0	<0.24	U	g	1.0	<0.24	U	g	1.0	<0.24	U	g
2-Hexanone	1.9		10	<1.9	U	g	10	<1.9	U	g	10	<1.9	U	g
4-Chlorotoluene	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
4-Methyl-2-Pentanone	2.4		10	<2.4	U	g	10	<2.4	U	g	10	<2.4	U	g
Acetone	6.1		10	12	B	a, k	10	<6.1	U	g	10	10	B	a, k
Benzene	0.26		0.50	<0.26	U	g	0.50	<0.26	U	g	0.50	<0.26	U	g
Bromobenzene	0.47		1.0	<0.47	U	g	1.0	<0.47	U	g	1.0	<0.47	U	g
Bromochloromethane	0.68		1.0	<0.68	U	g	1.0	<0.68	U	g	1.0	<0.68	U	g
Bromodichloromethane	0.27		1.0	<0.27	U	g	1.0	<0.27	U	g	1.0	<0.27	U	g
Bromoform	0.62		1.0	<0.62	U	g	1.0	<0.62	U	g	1.0	<0.62	U	g
Bromomethane	2.9		10	<2.9	U	g	10	<2.9	U	g	10	<2.9	U	g
Carbon Disulfide	1.0		10	<1.0	U	g	10	<1.0	U	g	10	<1.0	U	g
Carbon Tetrachloride	0.42		0.50	<0.42	U	g	0.50	<0.42	U	g	0.50	<0.42	U	g
Chlorobenzene	0.36		1.0	<0.36	U	g	1.0	<0.36	U	g	1.0	<0.36	U	g
Chlorodibromomethane	0.45		1.0	<0.45	U	g	1.0	<0.45	U	g	1.0	<0.45	U	g
Chloroethane	0.52		1.0	<0.52	U	g	1.0	<0.52	U	g	1.0	<0.52	U	g
Chloroform	0.22		1.0	<0.22	U	g	1.0	<0.22	U	g	1.0	<0.22	U	g
Chloromethane	1.8		10	<1.8	U	g	10	<1.8	U	g	10	<1.8	U	g
Dibromomethane	0.42		1.0	<0.42	U	g	1.0	<0.42	U	g	1.0	<0.42	U	g
Dichlorodifluoromethane	0.27		1.0	<0.27	U	g	1.0	<0.27	U	g	1.0	<0.27	U	g
Ethylbenzene	0.17		1.0	<0.17	U	g	1.0	<0.17	U	g	1.0	<0.17	U	g
Isopropylbenzene	0.24		1.0	<0.24	U	g	1.0	<0.24	U	g	1.0	<0.24	U	g
Methyl tert-butyl ether (MTBE)	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
Methylene Chloride	2.6		10.0	4.2	B J	a, k, q	10.0	4.2	B J	a, k, q	10.0	3.7	B J	a, k, q

Table C-6
Analytical Data Summary
EPA Method SW8260B

Project: Beaumont
Site: 2
Extraction Method: SW5030B
Analytical Method: SW8260B
Matrix: Water
Units: ug/L

Table C-6
Analytical Data Summary
EPA Method SW8260B

Environmental Samples

		Field ID:		Tt-MW2-1				Tt-MW2-3				Tt-MW2-103		
		SDG:		06-06-1647				06-06-1647				06-06-1647		
		Batch ID:		060628L02				060630L01				060630L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Naphthalene	0.95		10	<0.95	U	g	10	<0.95	U	g	10	<0.95	U	g
Styrene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
Tetrachloroethene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
Toluene	0.35		1.0	<0.35	U	g	1.0	<0.35	U	g	1.0	<0.35	U	g
Trichloroethene	0.30		1.0	<0.30	U	g	1.0	4.2		g	1.0	4.3		g
Trichlorofluoromethane	0.36		10	<0.36	U	g	10	<0.36	U	g	10	<0.36	U	g
Vinyl Acetate	3.2		10	<3.2	U	g	10	<3.2	U	g	10	<3.2	U	g
Vinyl Chloride	0.33		0.50	<0.33	U	g	0.50	<0.33	U	g	0.50	<0.33	U	g
cis-1,2-Dichloroethene	0.35		1.0	<0.35	U	g	1.0	<0.35	U	g	1.0	<0.35	U	g
cis-1,3-Dichloropropene	0.45		0.50	<0.45	U	g	0.50	<0.45	U	g	0.50	<0.45	U	g
n-Butylbenzene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
m,p-Xylenes	0.38		1.0	<0.38	U	g	1.0	<0.38	U	g	1.0	<0.38	U	g
n-Propylbenzene	0.30		1.0	<0.30	U	g	1.0	<0.30	U	g	1.0	<0.30	U	g
o-Xylene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
p-Isopropyltoluene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
sec-Butylbenzene	0.21		1.0	<0.21	U	g	1.0	<0.21	U	g	1.0	<0.21	U	g
tert-Butylbenzene	0.17		1.0	<0.17	U	g	1.0	<0.17	U	g	1.0	<0.17	U	g
trans-1,2-Dichloroethene	0.29		1.0	<0.29	U	g	1.0	<0.29	U	g	1.0	<0.29	U	g
trans-1,3-Dichloropropene	0.31		0.50	<0.31	U	g	0.50	<0.31	U	g	0.50	<0.31	U	g

Project: Beaumont														
Site: 2														
Extraction Method: SW5030B														
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		TT-MW2-1				TT-MW2-2				TT-MW2-4D		
		SDG:		06J021				06J021				06J021		
		Batch ID:		VO05J17				VO05J15				VO05J15		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,1,1-Trichloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,1,2,2-Tetrachloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,1,2-Trichloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,1-Dichloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,1-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,2-Dichloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,2-Dichloropropane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
2-Butanone	5		10	<5	U	g	10	<5	U	g	10	<5	U	g
2-Hexanone	5		10	<5	U	g	10	<5	U	g	10	<5	U	g
4-Methyl-2-Pentanone	5		10	<5	U	g	10	<5	U	g	10	<5	U	g
Acetone	5		10	<5	U	g	10	<5	U	g	10	<5	U	g
Benzene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Bromodichloromethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Bromoform	0.3		1	<0.3	U	g	1	<0.3	U	g	1	<0.3	U	g
Bromomethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Carbon Disulfide	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Carbon Tetrachloride	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Chlorobenzene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Dibromochloromethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Chloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Chloroform	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Chloromethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Ethylbenzene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Methyl tert-butyl ether (MTBE)	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Methylene Chloride	0.5		1	<0.5	U	g	1	<0.5	U	g	1	<0.5	U	g
Styrene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Tetrachloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Toluene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Trichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Vinyl Chloride	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
cis-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
cis-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
m,p-Xylenes	0.5		2	<0.5	U	g	2	<0.5	U	g	2	<0.5	U	g
o-Xylene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
trans-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
trans-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g

Table C-6
Analytical Data Summary
EPA Method SW8260B

Project: Beaumont
Site: 2
Extraction Method: SW5030B
Analytical Method: SW8260B
Matrix: Water
Units: ug/L

Table C-6
Analytical Data Summary
EPA Method SW8260B

			Environmental Samples											
		Field ID:		TT-MW2-4S				TT-MW2-5				TT-MW2-6D		
		SDG:		06J021				06J021				06J021		
		Batch ID:		VO05J15				VO05J17				VO05J15		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,1,1-Trichloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,1,2,2-Tetrachloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,1,2-Trichloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,1-Dichloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,1-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,2-Dichloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
1,2-Dichloropropane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
2-Butanone	5		10	<5	U	g	10	<5	U	g	10	<5	U	g
2-Hexanone	5		10	<5	U	g	10	<5	U	g	10	<5	U	g
4-Methyl-2-Pentanone	5		10	<5	U	g	10	<5	U	g	10	<5	U	g
Acetone	5		10	<5	U	g	10	<5	U	g	10	<5	U	g
Benzene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Bromodichloromethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Bromoform	0.3		1	<0.3	U	g	1	<0.3	U	g	1	<0.3	U	g
Bromomethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Carbon Disulfide	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Carbon Tetrachloride	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Chlorobenzene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Dibromochloromethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Chloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Chloroform	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Chloromethane	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Ethylbenzene	0.2		1	<0.2	U	g	1	0.29	J	q	1	<0.2	U	g
Methyl tert-butyl ether (MTBE)	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Methylene Chloride	0.5		1	<0.5	U	g	1	<0.5	U	g	1	<0.5	U	g
Styrene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Tetrachloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Toluene	0.2		1	<0.2	U	g	1	1.3		g	1	<0.2	U	g
Trichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Vinyl Chloride	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
cis-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
cis-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
m,p-Xylenes	0.5		2	<0.5	U	g	2	1.1	J	q	2	<0.5	U	g
o-Xylene	0.2		1	<0.2	U	g	1	0.56	J	q	1	<0.2	U	g
trans-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
trans-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g

Project: Beaumont
Site: 2
Extraction Method: SW5030B
Analytical Method: SW8260B
Matrix: Water
Units: ug/L

Table C-6
Analytical Data Summary
EPA Method SW8260B

			Environmental Samples			
		Field ID:		TT-MW2-6S		
		SDG:		06J021		
		Batch ID:		VO05J15		
Parameters	MDL		PQL	Result	Validity	Comments
1,1,1-Trichloroethane	0.2		1	<0.2	U	g
1,1,2,2-Tetrachloroethane	0.2		1	<0.2	U	g
1,1,2-Trichloroethane	0.2		1	<0.2	U	g
1,1-Dichloroethane	0.2		1	<0.2	U	g
1,1-Dichloroethene	0.2		1	<0.2	U	g
1,2-Dichloroethane	0.2		1	<0.2	U	g
1,2-Dichloropropane	0.2		1	<0.2	U	g
2-Butanone	5		10	<5	U	g
2-Hexanone	5		10	<5	U	g
4-Methyl-2-Pentanone	5		10	<5	U	g
Acetone	5		10	<5	U	g
Benzene	0.2		1	<0.2	U	g
Bromodichloromethane	0.2		1	<0.2	U	g
Bromoform	0.3		1	<0.3	U	g
Bromomethane	0.2		1	<0.2	U	g
Carbon Disulfide	0.2		1	<0.2	U	g
Carbon Tetrachloride	0.2		1	<0.2	U	g
Chlorobenzene	0.2		1	<0.2	U	g
Dibromochloromethane	0.2		1	<0.2	U	g
Chloroethane	0.2		1	<0.2	U	g
Chloroform	0.2		1	<0.2	U	g
Chloromethane	0.2		1	<0.2	U	g
Ethylbenzene	0.2		1	0.23	J	q
Methyl tert-butyl ether (MTBE)	0.2		1	<0.2	U	g
Methylene Chloride	0.5		1	<0.5	U	g
Styrene	0.2		1	<0.2	U	g
Tetrachloroethene	0.2		1	<0.2	U	g
Toluene	0.2		1	1.3		g
Trichloroethene	0.2		1	<0.2	U	g
Vinyl Chloride	0.2		1	<0.2	U	g
cis-1,2-Dichloroethene	0.2		1	<0.2	U	g
cis-1,3-Dichloropropene	0.2		1	<0.2	U	g
m,p-Xylenes	0.5		2	1	J	q
o-Xylene	0.2		1	0.43	J	q
trans-1,2-Dichloroethene	0.2		1	<0.2	U	g
trans-1,3-Dichloropropene	0.2		1	<0.2	U	g

Project: Beaumont						**Table C-6**
Site: 2						**Analytical Data Summary**
Extraction Method: SW5030B						**EPA Method SW8260B**
Analytical Method: SW8260B						
Matrix: Water			Environmental Samples			
Units: ug/L						
		Field ID:		TT-MW2-3		
		SDG:		06J067		
		Batch ID:		VO05J21		
Parameters	MDL		PQL	Result	Validity	Comments
1,1,1-Trichloroethane	0.2		1	<0.2	U	g
1,1,2,2-Tetrachloroethane	0.2		1	<0.2	U	g
1,1,2-Trichloroethane	0.2		1	<0.2	U	g
1,1-Dichloroethane	0.2		1	<0.2	U	g
1,1-Dichloroethene	0.2		1	<0.2	U	g
1,2-Dichloroethane	0.2		1	<0.2	U	g
1,2-Dichloropropane	0.2		1	<0.2	U	g
2-Butanone	5		10	<5	U	g
2-Hexanone	5		10	<5	U	g
4-Methyl-2-Pentanone	5		10	<5	U	g
Acetone	5		10	<5	U	g
Benzene	0.2		1	<0.2	U	g
Bromodichloromethane	0.2		1	<0.2	U	g
Bromoform	0.3		1	<0.3	U	g
Bromomethane	0.2		1	<0.2	U	g
Carbon Disulfide	0.2		1	<0.2	U	g
Carbon Tetrachloride	0.2		1	<0.2	U	g
Chlorobenzene	0.2		1	<0.2	U	g
Dibromochloromethane	0.2		1	<0.2	U	g
Chloroethane	0.2		1	<0.2	U	g
Chloroform	0.2		1	<0.2	U	g
Chloromethane	0.2		1	<0.2	U	g
Ethylbenzene	0.2		1	<0.2	U	g
Methyl tert-butyl ether (MTBE)	0.2		1	<0.2	U	g
Methylene Chloride	0.5		1	<0.5	U	g
Styrene	0.2		1	<0.2	U	g
Tetrachloroethene	0.2		1	<0.2	U	g
Toluene	0.2		1	<0.2	U	g
Trichloroethene	0.2		1	4.8		g
Vinyl Chloride	0.2		1	<0.2	U	g
cis-1,2-Dichloroethene	0.2		1	<0.2	U	g
cis-1,3-Dichloropropene	0.2		1	<0.2	U	g
m,p-Xylenes	0.5		2	<0.5	U	g
o-Xylene	0.2		1	<0.2	U	g
trans-1,2-Dichloroethene	0.2		1	<0.2	U	g
trans-1,3-Dichloropropene	0.2		1	<0.2	U	g

Project: Beaumont
Site: 2
Extraction Method: SW3520B
Analytical Method: SW8270C
Matrix: Water
Units: ug/L

Table C-7
Analytical Data Summary
EPA Method SW8270C

			Environmental Samples			
		Field ID:		Tt-MW2-5		
		SDG:		06-06-1560		
		Batch ID:		060628L03		
Parameters	MDL		PQL	Result	Validity	Comments
1,2,4-Trichlorobenzene	1.3		10	<1.3	U	g
1,2-Dichlorobenzene	1.1		10	<1.1	U	g
1,3-Dichlorobenzene	1.2		10	<1.2	U	g
1,4-Dichlorobenzene	1.1		10	<1.1	U	g
1-Methylnaphthalene	1.4		10	<1.4	U	g
2,4,5-Trichlorophenol	0.97		10	<0.97	U	g
2,4,6-Trichlorophenol	1.2		10	<1.2	U	g
2,4-Dichlorophenol	1.1		10	<1.1	U	g
2,4-Dimethylphenol	1.2		10	<1.2	U	g
2,4-Dinitrophenol	2.6		50	<2.6	U	g
2,4-Dinitrotoluene	1.0		10	<1.0	U	g
2,6-Dinitrotoluene	1.1		10	<1.1	U	g
2-Chloronaphthalene	1.3		10	<1.3	U	g
2-Chlorophenol	1.0		10	<1.0	U	g
2-Methylnaphthalene	1.2		10	<1.2	U	g
2-Methylphenol	1.1		10	<1.1	U	g
2-Nitroaniline	1.0		10	<1.0	U	g
2-Nitrophenol	1.2		10	<1.2	U	g
3,3'-Dichlorobenzidine	1.3		25	<1.3	U	g
3-Nitroaniline	1.2		10	<1.2	U	g
4,6-dinitro-2-methylphenol	3.4		50	<3.4	U	g
4-Bromophenyl-Phenyl Ether	1.2		10	<1.2	U	g
4-Chloro-3-Methylphenol	1.2		10	<1.2	U	g
4-Chloroaniline	1.3		10	<1.3	U	g
4-Chlorophenyl-Phenyl Ether	1.2		10	<1.2	U	g
4-Nitroaniline	2.4		10	<2.4	U	g
4-Nitrophenol	0.86		10	<0.86	U	g
7,12-Dimethylbenz[a]anthracene	1.0		10	<1.0	U	g
Acenaphthene	1.4		10	<1.4	U	g
Acenaphthylene	1.4		10	<1.4	U	g
Aniline	1.2		10	<1.2	U	g
Anthracene	1.5		10	<1.5	U	g
Azobenzene	1.7		10	<1.7	U	g
Benzidine	0.62		50	<0.62	U	g
Benzo (a) Pyrene	0.88		10	<0.88	U	g
Benzo (b) Fluoranthene	1.2		10	<1.2	U	g
Benzo (g,h,i) Perylene	0.71		10	<0.71	U	g
Benzo (k) Fluoranthene	1.7		10	<1.7	U	g

Project: Beaumont
Site: 2
Extraction Method: SW3520B
Analytical Method: SW8270C
Matrix: Water
Units: ug/L

Table C-7
Analytical Data Summary
EPA Method SW8270C

			Environmental Samples			
		Field ID:		Tt-MW2-5		
		SDG:		06-06-1560		
		Batch ID:		060628L03		
Parameters	MDL		PQL	Result	Validity	Comments
Benzo(a) Anthracene	1.1		10	<1.1	U	g
Benzoic Acid	0.43		50	<0.43	U	g
Benzyl Alcohol	1.0		10	<1.0	U	g
Bis(2-Chloroethoxy) Methane	1.2		10	<1.2	U	g
Bis(2-Chloroethyl) Ether	1.0		25	<1.0	U	g
Bis(2-Chloroisopropyl) Ether	1.5		10	<1.5	U	g
Bis(2-Ethylhexyl) Phthalate	1.0		10	<1.0	U	g
Butyl Benzyl Phthalate	1.0		10	<1.0	U	g
Chrysene	1.3		10	<1.3	U	g
Di-n-Butyl Phthalate	1.5		10	<1.5	U	g
Di-n-Octyl Phthalate	1.0		10	<1.0	U	g
Dibenz (a,h) Anthracene	0.82		10	<0.82	U	g
Dibenzofuran	1.4		10	<1.4	U	g
Diethyl Phthalate	1.4		10	<1.4	U	g
Dimethyl Phthalate	1.3		10	<1.3	U	g
Fluoranthene	1.5		10	<1.5	U	g
Fluorene	1.4		10	<1.4	U	g
Hexachloro-1,3-Butadiene	1.2		10	<1.2	U	g
Hexachlorobenzene	1.2		10	<1.2	U	g
Hexachlorocyclopentadiene	0.44		25	<0.44	U	g
Hexachloroethane	0.98		10	<0.98	U	g
Indeno (1,2,3-c,d) Pyrene	0.83		10	<0.83	U	g
Isophorone	1.2		10	<1.2	U	g
N-Nitroso-di-n-propylamine	1.3		10	<1.3	U	g
N-Nitrosodimethylamine	1.1		10	<1.1	U	g
N-Nitrosodiphenylamine	1.4		10	<1.4	U	g
Naphthalene	1.4		10	<1.4	U	g
Nitrobenzene	1.3		25	<1.3	U	g
Pentachlorophenol	0.75		10	<0.75	U	g
Phenanthrene	1.5		10	<1.5	U	g
Phenol	1.2		10	<1.2	U	g
Pyrene	1.4		10	<1.4	U	g
Pyridine	1.4		10	<1.4	U	g

Project: Beaumont
Site: 2
Extraction Method: SW3520B
Analytical Method: SW8270C
Matrix: Water
Units: ug/L

Table C-7
Analytical Data Summary
EPA Method SW8270C

			Environmental Samples											
		Field ID:		Tt-MW2-1				Tt-MW2-3				Tt-MW2-103		
		SDG:		06-06-1647				06-06-1647				06-06-1647		
		Batch ID:		060628L03				060628L03				060628L03		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,2,4-Trichlorobenzene	1.3		10	<1.3	U	g	10	<1.3	U	g	10	<1.3	U	g
1,2-Dichlorobenzene	1.1		10	<1.1	U	g	10	<1.1	U	g	10	<1.1	U	g
1,3-Dichlorobenzene	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
1,4-Dichlorobenzene	1.1		10	<1.1	U	g	10	<1.1	U	g	10	<1.1	U	g
1-Methylnaphthalene	1.4		10	<1.4	U	g	10	<1.4	U	g	10	<1.4	U	g
2,4,5-Trichlorophenol	0.97		10	<0.97	U	g	10	<0.97	U	g	10	<0.97	U	g
2,4,6-Trichlorophenol	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
2,4-Dichlorophenol	1.1		10	<1.1	U	g	10	<1.1	U	g	10	<1.1	U	g
2,4-Dimethylphenol	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
2,4-Dinitrophenol	2.6		50	<2.6	U	g	50	<2.6	U	g	50	<2.6	U	g
2,4-Dinitrotoluene	1.0		10	<1.0	U	g	10	<1.0	U	g	10	<1.0	U	g
2,6-Dinitrotoluene	1.1		10	<1.1	U	g	10	<1.1	U	g	10	<1.1	U	g
2-Chloronaphthalene	1.3		10	<1.3	U	g	10	<1.3	U	g	10	<1.3	U	g
2-Chlorophenol	1.0		10	<1.0	U	g	10	<1.0	U	g	10	<1.0	U	g
2-Methylnaphthalene	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
2-Methylphenol	1.1		10	<1.1	U	g	10	<1.1	U	g	10	<1.1	U	g
2-Nitroaniline	1.0		10	<1.0	U	g	10	<1.0	U	g	10	<1.0	U	g
2-Nitrophenol	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
3,3'-Dichlorobenzidine	1.3		25	<1.3	U	g	25	<1.3	U	g	25	<1.3	U	g
3-Nitroaniline	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
4,6-dinitro-2-methylphenol	3.4		50	<3.4	U	g	50	<3.4	U	g	50	<3.4	U	g
4-Bromophenyl-Phenyl Ether	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
4-Chloro-3-Methylphenol	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
4-Chloroaniline	1.3		10	<1.3	U	g	10	<1.3	U	g	10	<1.3	U	g
4-Chlorophenyl-Phenyl Ether	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
4-Nitroaniline	2.4		10	<2.4	U	g	10	<2.4	U	g	10	<2.4	U	g
4-Nitrophenol	0.86		10	<0.86	U	g	10	<0.86	U	g	10	<0.86	U	g
7,12-Dimethylbenz[a]anthracene	1.0		10	<1.0	U	g	10	<1.0	U	g	10	<1.0	U	g
Acenaphthene	1.4		10	<1.4	U	g	10	<1.4	U	g	10	<1.4	U	g
Acenaphthylene	1.4		10	<1.4	U	g	10	<1.4	U	g	10	<1.4	U	g
Aniline	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
Anthracene	1.5		10	<1.5	U	g	10	<1.5	U	g	10	<1.5	U	g
Azobenzene	1.7		10	<1.7	U	g	10	<1.7	U	g	10	<1.7	U	g
Benzidine	0.62		50	<0.62	U	g	50	<0.62	U	g	50	<0.62	U	g
Benzo (a) Pyrene	0.88		10	<0.88	U	g	10	<0.88	U	g	10	<0.88	U	g
Benzo (b) Fluoranthene	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
Benzo (g,h,i) Perylene	0.71		10	<0.71	U	g	10	<0.71	U	g	10	<0.71	U	g
Benzo (k) Fluoranthene	1.7		10	<1.7	U	g	10	<1.7	U	g	10	<1.7	U	g

Project: Beaumont
Site: 2
Extraction Method: SW3520B
Analytical Method: SW8270C
Matrix: Water
Units: ug/L

Table C-7
Analytical Data Summary
EPA Method SW8270C

			Environmental Samples											
		Field ID:		Tt-MW2-1				Tt-MW2-3				Tt-MW2-103		
		SDG:		06-06-1647				06-06-1647				06-06-1647		
		Batch ID:		060628L03				060628L03				060628L03		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Benzo(a) Anthracene	1.1		10	<1.1	U	g	10	<1.1	U	g	10	<1.1	U	g
Benzoic Acid	0.43		50	<0.43	U	g	50	<0.43	U	g	50	<0.43	U	g
Benzyl Alcohol	1.0		10	<1.0	U	g	10	<1.0	U	g	10	<1.0	U	g
Bis(2-Chloroethoxy) Methane	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
Bis(2-Chloroethyl) Ether	1.0		25	<1.0	U	g	25	<1.0	U	g	25	<1.0	U	g
Bis(2-Chloroisopropyl) Ether	1.5		10	<1.5	U	g	10	<1.5	U	g	10	<1.5	U	g
Bis(2-Ethylhexyl) Phthalate	1.0		10	<1.0	U	g	10	<1.0	U	g	10	<1.0	U	g
Butyl Benzyl Phthalate	1.0		10	<1.0	U	g	10	<1.0	U	g	10	<1.0	U	g
Chrysene	1.3		10	<1.3	U	g	10	<1.3	U	g	10	<1.3	U	g
Di-n-Butyl Phthalate	1.5		10	<1.5	U	g	10	<1.5	U	g	10	<1.5	U	g
Di-n-Octyl Phthalate	1.0		10	<1.0	U	g	10	<1.0	U	g	10	<1.0	U	g
Dibenz (a,h) Anthracene	0.82		10	<0.82	U	g	10	<0.82	U	g	10	<0.82	U	g
Dibenzofuran	1.4		10	<1.4	U	g	10	<1.4	U	g	10	<1.4	U	g
Diethyl Phthalate	1.4		10	<1.4	U	g	10	<1.4	U	g	10	<1.4	U	g
Dimethyl Phthalate	1.3		10	<1.3	U	g	10	<1.3	U	g	10	<1.3	U	g
Fluoranthene	1.5		10	<1.5	U	g	10	<1.5	U	g	10	<1.5	U	g
Fluorene	1.4		10	<1.4	U	g	10	<1.4	U	g	10	<1.4	U	g
Hexachloro-1,3-Butadiene	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
Hexachlorobenzene	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
Hexachlorocyclopentadiene	0.44		25	<0.44	U	g	25	<0.44	U	g	25	<0.44	U	g
Hexachloroethane	0.98		10	<0.98	U	g	10	<0.98	U	g	10	<0.98	U	g
Indeno (1,2,3-c,d) Pyrene	0.83		10	<0.83	U	g	10	<0.83	U	g	10	<0.83	U	g
Isophorone	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
N-Nitroso-di-n-propylamine	1.3		10	<1.3	U	g	10	<1.3	U	g	10	<1.3	U	g
N-Nitrosodimethylamine	1.1		10	<1.1	U	g	10	<1.1	U	g	10	<1.1	U	g
N-Nitrosodiphenylamine	1.4		10	<1.4	U	g	10	<1.4	U	g	10	<1.4	U	g
Naphthalene	1.4		10	<1.4	U	g	10	<1.4	U	g	10	<1.4	U	g
Nitrobenzene	1.3		25	<1.3	U	g	25	<1.3	U	g	25	<1.3	U	g
Pentachlorophenol	0.75		10	<0.75	U	g	10	<0.75	UJ	c	10	<0.75	U	g
Phenanthrene	1.5		10	<1.5	U	g	10	<1.5	U	g	10	<1.5	U	g
Phenol	1.2		10	<1.2	U	g	10	<1.2	U	g	10	<1.2	U	g
Pyrene	1.4		10	<1.4	U	g	10	<1.4	U	g	10	<1.4	U	g
Pyridine	1.4		10	<1.4	U	g	10	<1.4	U	g	10	<1.4	U	g

Project: Beaumont					**Table C-8**		
Site: 2					**Analytical Data Summary**		
Extraction Method: SW3550					**EPA Method SW8330**		
Analytical Method: SW8330							
Matrix: Water							
Units: ug/L							
			Environmental Samples				
		Field ID:		Tt-MW2-5	Tt-MW2-5		
		SDG:		06-06-1560	06-06-1560		
		Batch ID:		060628L05	060628L05		
	Primary		Primary	Primary	Secondary		
Parameters	MDL		PQL	Result	Result	Validity	Comments
RDX	1.3		10	<1.3	<1.3	U	g

Project: Beaumont
Site: 2
Extraction Method: SW3550
Analytical Method: SW8330
Matrix: Water
Units: ug/L

Table C-8
Analytical Data Summary
EPA Method SW8330

			Environmental Samples									
		Field ID:		Tt-MW2-1	Tt-MW2-1				Tt-MW2-3	Tt-MW2-3		
		SDG:		06-06-1647	06-06-1647				06-06-1647	06-06-1647		
		Batch ID:		060628L05	060628L05				060628L05	060628L05		
	Primary		Primary	Primary	Secondary			Primary	Primary	Secondary		
Parameters	MDL		PQL	Result	Result	Validity	Comments	PQL	Result	Result	Validity	Comments
RDX	1.3		10.0	1.6	<1.3	R	h, q	10	<1.3	<1.3	U	g

Project: Beaumont					**Table C-8**		
Site: 2					**Analytical Data Summary**		
Extraction Method: SW3550					**EPA Method SW8330**		
Analytical Method: SW8330							
Matrix: Water							
Units: ug/L							
			Environmental Samples				
		Field ID:		Tt-MW2-103	Tt-MW2-103		
		SDG:		06-06-1647	06-06-1647		
		Batch ID:		060628L05	060628L05		
	Primary		Primary	Primary	Secondary		
Parameters	MDL		PQL	Result	Result	Validity	Comments
RDX	1.3		10	<1.3	<1.3	U	g

APPENDIX E – LABORATORY ANALYTICAL DATA PACKAGES

Calscience Environmental Laboratories, Inc.

July 05, 2006

Brenda Meyer
Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Subject: **Calscience Work Order No.: 06-06-1502**
Client Reference: LMC Beaumont Site 2 / TC #18089-02

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/23/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jason Torres
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/23/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1502
San Bernardino, CA 92408-3216		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-2	**06-06-1502-2**	**06/23/06**	**Aqueous**	**06/26/06**	**06/27/06**	**060626L08**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	0.00505	0.0100	0.00308	1	J	Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	0.00278	0.0100	0.00236	1	J

Tt-MW2-4D	**06-06-1502-3**	**06/23/06**	**Aqueous**	**06/26/06**	**06/27/06**	**060626L08**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	0.0901	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-4S	**06-06-1502-4**	**06/23/06**	**Aqueous**	**06/26/06**	**06/27/06**	**060626L08**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	0.0469	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/23/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1502
San Bernardino, CA 92408-3216		Preparation:	EPA 3010A Total
		Method:	EPA 6010B
		Units:	mg/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-2	**06-06-1502-2**	**06/23/06**	**Aqueous**	**06/26/06**	**06/27/06**	**060626L08**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	0.00406	0.0100	0.00308	1	J	Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-4D	**06-06-1502-3**	**06/23/06**	**Aqueous**	**06/26/06**	**06/27/06**	**060626L08**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	0.0941	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-4S	**06-06-1502-4**	**06/23/06**	**Aqueous**	**06/26/06**	**06/27/06**	**060626L08**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	0.0490	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Method Blank	**097-01-003-6,240**	**N/A**	**Aqueous**	**06/26/06**	**06/27/06**	**060626L08**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/23/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1502
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 1 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LTB-062306	**06-06-1502-1**	**06/23/06**	**Aqueous**	**06/26/06**	**06/26/06**	**060626L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.6	10.0	6.1	1	J	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	6.6	10.0	2.6	1	J,B
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	74-140		1,2-Dichloroethane-d4	114	74-146	
Toluene-d8	95	88-112		1,4-Bromofluorobenzene	88	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/23/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1502
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 2 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-2	**06-06-1502-2**	**06/23/06**	**Aqueous**	**06/26/06**	**06/26/06**	**060626L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	10	6.1	1		1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	4.6	10.0	4.2	1	J	Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	4.1	10.0	2.6	1	J,B
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	113	74-140		1,2-Dichloroethane-d4	117	74-146	
Toluene-d8	97	88-112		1,4-Bromofluorobenzene	87	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/23/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1502
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 3 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-4D	**06-06-1502-3**	**06/23/06**	**Aqueous**	**06/26/06**	**06/26/06**	**060626L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	9.7	10.0	6.1	1	J	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	4.9	10.0	2.6	1	J,B
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	107	74-146	
Toluene-d8	91	88-112		1,4-Bromofluorobenzene	88	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/23/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1502
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 4 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-4S	**06-06-1502-4**	**06/23/06**	**Aqueous**	**06/26/06**	**06/26/06**	**060626L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.3	10.0	6.1	1	J	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	3.9	10.0	2.6	1	J,B
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	74-140		1,2-Dichloroethane-d4	108	74-146	
Toluene-d8	96	88-112		1,4-Bromofluorobenzene	87	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/23/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1502
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 5 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-18,368**	**N/A**	**Aqueous**	**06/26/06**	**06/26/06**	**060626L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	10	6.1	1		1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	2.9	10.0	2.6	1	J
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	105	74-146	
Toluene-d8	96	88-112		1,4-Bromofluorobenzene	90	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA 8260B Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	CAS NUMBER	RT	On Column Conc. ug/L	Estimated Conc. ug/L
06-06-1502				No TICs found for all samples				

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/23/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1502
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	SRL 524M-TCP

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-2	**06-06-1502-2**	**06/23/06**	**Aqueous**	**06/26/06**	**06/26/06**	**060626L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	0.0017	1		ug/L

Tt-MW2-4D	**06-06-1502-3**	**06/23/06**	**Aqueous**	**06/26/06**	**06/26/06**	**060626L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	0.0017	1		ug/L

Tt-MW2-4S	**06-06-1502-4**	**06/23/06**	**Aqueous**	**06/26/06**	**06/26/06**	**060626L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	0.0017	1		ug/L

Method Blank	**099-10-022-242**	**N/A**	**Aqueous**	**06/26/06**	**06/26/06**	**060626L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	0.0026	0.0050	0.0017	1	J	ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 06/23/06
Work Order No: 06-06-1502

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix
Tt-MW2-2	**06-06-1502-2**	**06/23/06**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Perchlorate (1)	ND	2.0	0.43	1		ug/L	N/A	06/29/06	EPA 314.0

Tt-MW2-4D	**06-06-1502-3**	**06/23/06**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Perchlorate (1)	ND	2.0	0.43	1		ug/L	N/A	06/29/06	EPA 314.0

Tt-MW2-4S	**06-06-1502-4**	**06/23/06**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Perchlorate (1)	ND	2.0	0.43	1		ug/L	N/A	06/29/06	EPA 314.0

Method Blank		**N/A**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Perchlorate (1)	ND	2.0	0.43	1		ug/L	N/A	06/29/06	EPA 314.0

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/23/06
Work Order No:	06-06-1502
Preparation:	EPA 3010A Total
Method:	EPA 6010B

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1499-7	**Aqueous**	**ICP 3300**	**06/26/06**	**06/27/06**	**060626S08**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	110	111	80-140	1	0-11	
Beryllium	101	102	89-119	1	0-8	
Cadmium	107	109	82-124	2	0-7	
Lead	109	111	84-120	1	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/23/06
Work Order No:	06-06-1502
Preparation:	EPA 5030B
Method:	EPA 8260B

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Tt-MW2-2	**Aqueous**	**GC/MS T**	**06/26/06**	**06/26/06**	**060626S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	90	95	88-118	5	0-7	
Carbon Tetrachloride	101	103	67-145	3	0-11	
Chlorobenzene	97	100	88-118	3	0-7	
1,2-Dichlorobenzene	93	100	86-116	6	0-8	
1,1-Dichloroethene	86	90	70-130	4	0-25	
Toluene	96	100	87-123	4	0-8	
Trichloroethene	94	98	79-127	4	0-10	
Vinyl Chloride	82	89	69-129	8	0-13	
Methyl-t-Butyl Ether (MTBE)	94	103	71-131	9	0-13	
Tert-Butyl Alcohol (TBA)	80	95	36-168	17	0-45	
Diisopropyl Ether (DIPE)	92	98	81-123	7	0-9	
Ethyl-t-Butyl Ether (ETBE)	92	101	72-126	9	0-12	
Tert-Amyl-Methyl Ether (TAME)	97	106	72-126	9	0-12	
Ethanol	89	98	53-149	9	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/23/06
Work Order No:	06-06-1502
Preparation:	EPA 5030B
Method:	SRL 524M-TCP

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1520-1	**Aqueous**	**GC/MS M**	**06/26/06**	**06/26/06**	**060626S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	94	124	80-120	28	0-20	4,3
1,4-Dioxane	100	100	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: N/A
Work Order No: 06-06-1502

Project: LMC Beaumont Site 2 / TC #18089-02

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Perchlorate	EPA 314.0	06-06-1647-3	06/30/06	N/A	100	99	80-120	0	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1502
San Bernardino, CA 92408-3216		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-6,240	**Aqueous**	**ICP 3300**	**06/26/06**	**06/27/06**	**060626L08**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	102	98	80-120	4	0-20	
Beryllium	98	106	80-120	8	0-20	
Cadmium	106	107	80-120	1	0-20	
Lead	103	111	80-120	7	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1502
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-18,368	**Aqueous**	**GC/MS T**	**06/26/06**	**06/26/06**	**060626L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	95	84-120	1	0-8	
Carbon Tetrachloride	103	103	63-147	0	0-10	
Chlorobenzene	98	97	89-119	1	0-7	
1,2-Dichlorobenzene	100	98	89-119	1	0-9	
1,1-Dichloroethene	97	92	77-125	5	0-16	
Toluene	99	99	83-125	0	0-9	
Trichloroethene	97	98	89-119	1	0-8	
Vinyl Chloride	88	88	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	103	105	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	93	94	46-154	2	0-32	
Diisopropyl Ether (DIPE)	98	99	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	102	105	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	108	76-124	3	0-10	
Ethanol	95	91	60-138	4	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1502
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	SRL 524M-TCP

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-022-242	**Aqueous**	**GC/MS M**	**06/26/06**	**06/26/06**	**060626L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	107	115	80-120	7	0-20	
1,4-Dioxane	94	94	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: N/A
Work Order No: 06-06-1502

Project: LMC Beaumont Site 2 / TC #18089-02

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Perchlorate	EPA 314.0	099-05-203-425	N/A	06/29/06	96	97	85-115	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-06-1502

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: Calscience (via courier)

CHAIN OF CUSTODY RECORD

1502

DATE 06/23/2006 PAGE 1 OF 1

CLIENT: Tetra Tech
PROJECT NAME: LMC Beaumont Site 2
PROJECT MANAGER: Brenda Meyer
TC #: 18089-02
SAMPLERS (Signatures)

PARAMETERS

LINE ITEM	SAMPLE NO.	DATE	TIME	VOCs + TIC search (SW8260B)	1,4-Dioxane (SW8270C-mod)	Perchlorate (314.0)	RDX (8330)	NDMA (1625C-mod)	1,2,3-TCP (SRL 524-mod)	As, Be, Cd, Pb (6010B)	Hex Chrome (218.6)						FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	LTB-062306	06/23/2006	0700	X													Un	W	G	2	HCl	
2.	TT-MW2-2	↓	0836	X	X	X	X	X	X	X	X						Un/F	W	G/P	12	HCl/NaOH	
3.	TT-MW2-4D	↓	1045	X	X	X	X	X	X	X	X						↓	↓	↓	↓	↓	
4.	TT-MW2-4S	↓	1210	X	X	X	X	X	X	X	X						↓	↓	↓	↓	↓	
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS: Report All Data to the MDL

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE:
S - Soil
M - Sediment
W - Water

CONTAINER TYPE:
G - Glass Bottle/Jar
SS - Stainless Steel Sleeve
SB - Brass Sleeve
P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only)
HCL
NR (None required)
NaOH
H_2SO_4

RELINQUISHED BY: David Bertolacci	SIGNATURE	TETRA TECH, INC.	DATE 06/23/2006	TIME 1430	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 38
RECEIVED BY: Leonardo Maes	SIGNATURE	COMPANY CEL	DATE 6/23/06	TIME 1634	METHOD OF SHIPMENT/SHIPMENT NO.: Courier
RELINQUISHED BY: Leonardo Maes	SIGNATURE	COMPANY CEL	DATE 6/23/06	TIME 1828	Special Shipping/Handling/Storage Requirements:
RECEIVED BY: Stan Lema	SIGNATURE Stan Lema	COMPANY CEL	DATE 6-23-06	TIME 1828	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 06 - 1502

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Tetra Tech **DATE:** 6-23-06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ____ Chilled, cooler with temperature blank provided.
- ____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- ____ Ambient and placed in cooler with wet ice.
- ____ Ambient temperature.

3.6 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- ____ °C Temperature blank.
- ____ °C IR thermometer.
- ____ Ambient temperature.

Initial: LM

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ____ No (Not Intact) : ____ Not Applicable (N/A): ✓

Initial: LM

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: ✓

COMMENTS:

From: Meyer, Brenda -- Tetra Tech
To: Jason Torres;
CC:
Subject: RE: Beaumont Site 1 / 18086-02 / CEL 06-06-0989
Date: Wednesday, June 28, 2006 7:11:56 AM
Attachments:

Jason,
We have had a communication gap on my part. We will need to change the testing for some samples you have gotten for Site 2 if you have not already finished testing. I would like to cancel the tests for 1,4-dioxane, RDX, NDMA and Hx Chrome for all samples from Site 2 sent to you on 6/23 as well as 6/26 with the exception of TT-MW2-5. Please continue to test as specified on the COC this sample and also add 8720 with TICs. Please call if you have questions.
Brenda

_____
From: Jason Torres [mailto:jtorres@calscience.com]
Sent: Tuesday, June 27, 2006 3:00 PM
To: Meyer, Brenda -- Tetra Tech
Cc: Wilson, Michael -- Tetra Tech; Michalski, Paul -- Tetra Tech
Subject: Beaumont Site 1 / 18086-02 / CEL 06-06-0989

Jason Torres
Project Manager
Calscience Environmental
Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427
Tel.: 714-895-5494 Ext. 133
Fax : 714-894-7501
jtorres <mailto:m@calscience.com> @calscience.com
PRIVACY NOTICE:
This email (and/or the documents attached to it) is intended only for the use of the individual or entity to which it is addressed and may contain

Calscience Environmental Laboratories, Inc.

July 11, 2006

Brenda Meyer
Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Subject: **Calscience Work Order No.: 06-06-1560**
Client Reference: LMC Beaumont Site 2 / TC #18089-02

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/26/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jason Torres
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-6D	**06-06-1560-2**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	0.0126	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-6S	**06-06-1560-3**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	EPA 3010A Total
Method:	EPA 6010B
Units:	mg/L

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-6D	**06-06-1560-2**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	0.0127	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-6S	**06-06-1560-3**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Method Blank	**097-01-003-6,239**	**N/A**	**Aqueous**	**06/26/06**	**06/27/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.1	1		4-Nitrophenol	ND	10	0.86	1	
Aniline	ND	10	1.2	1		Dibenzofuran	ND	10	1.4	1	
Phenol	ND	10	1.2	1		2,4-Dinitrotoluene	ND	10	1.0	1	
Bis(2-Chloroethyl) Ether	ND	25	1.0	1		2,6-Dinitrotoluene	ND	10	1.1	1	
2-Chlorophenol	ND	10	1.0	1		Diethyl Phthalate	ND	10	1.4	1	
1,3-Dichlorobenzene	ND	10	1.2	1		4-Chlorophenyl-Phenyl Ether	ND	10	1.2	1	
1,4-Dichlorobenzene	ND	10	1.1	1		Fluorene	ND	10	1.4	1	
Benzyl Alcohol	ND	10	1.0	1		4-Nitroaniline	ND	10	2.4	1	
1,2-Dichlorobenzene	ND	10	1.1	1		Azobenzene	ND	10	1.7	1	
2-Methylphenol	ND	10	1.1	1		4,6-Dinitro-2-Methylphenol	ND	50	3.4	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1.5	1		N-Nitrosodiphenylamine	ND	10	1.4	1	
3/4-Methylphenol	ND	10	1.0	1		4-Bromophenyl-Phenyl Ether	ND	10	1.2	1	
N-Nitroso-di-n-propylamine	ND	10	1.3	1		Hexachlorobenzene	ND	10	1.2	1	
Hexachloroethane	ND	10	0.98	1		Pentachlorophenol	ND	10	0.75	1	
Nitrobenzene	ND	25	1.3	1		Phenanthrene	ND	10	1.5	1	
Isophorone	ND	10	1.2	1		Anthracene	ND	10	1.5	1	
2-Nitrophenol	ND	10	1.2	1		Di-n-Butyl Phthalate	ND	10	1.5	1	
2,4-Dimethylphenol	ND	10	1.2	1		Fluoranthene	ND	10	1.5	1	
Benzoic Acid	ND	50	0.43	1		Benzidine	ND	50	0.62	1	
Bis(2-Chloroethoxy) Methane	ND	10	1.2	1		Pyrene	ND	10	1.4	1	
2,4-Dichlorophenol	ND	10	1.1	1		Pyridine	ND	10	1.4	1	
Naphthalene	ND	10	1.4	1		Butyl Benzyl Phthalate	ND	10	1.0	1	
4-Chloroaniline	ND	10	1.3	1		3,3'-Dichlorobenzidine	ND	25	1.3	1	
Hexachloro-1,3-Butadiene	ND	10	1.2	1		Benzo (a) Anthracene	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	10	1.2	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1.0	1	
2-Methylnaphthalene	ND	10	1.2	1		Chrysene	ND	10	1.3	1	
Hexachlorocyclopentadiene	ND	25	0.44	1		Di-n-Octyl Phthalate	ND	10	1.0	1	
2,4,6-Trichlorophenol	ND	10	1.2	1		Benzo (k) Fluoranthene	ND	10	1.7	1	
2,4,5-Trichlorophenol	ND	10	0.97	1		Benzo (b) Fluoranthene	ND	10	1.2	1	
2-Chloronaphthalene	ND	10	1.3	1		Benzo (a) Pyrene	ND	10	0.88	1	
2-Nitroaniline	ND	10	1.0	1		Benzo (g,h,i) Perylene	ND	10	0.71	1	
Dimethyl Phthalate	ND	10	1.3	1		Indeno (1,2,3-c,d) Pyrene	ND	10	0.83	1	
Acenaphthylene	ND	10	1.4	1		Dibenz (a,h) Anthracene	ND	10	0.82	1	
3-Nitroaniline	ND	10	1.2	1		1-Methylnaphthalene	ND	10	1.4	1	
Acenaphthene	ND	10	1.4	1		1,2,4-Trichlorobenzene	ND	10	1.3	1	
2,4-Dinitrophenol	ND	50	2.6	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	74	7-121		Phenol-d6	19	1-127	
Nitrobenzene-d5	77	50-146		2-Fluorobiphenyl	75	42-138	
2,4,6-Tribromophenol	59	41-137		p-Terphenyl-d14	97	47-173	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-003-1,959**	**N/A**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.1	1		4-Nitrophenol	ND	10	0.86	1	
Aniline	ND	10	1.2	1		Dibenzofuran	ND	10	1.4	1	
Phenol	ND	10	1.2	1		2,4-Dinitrotoluene	ND	10	1.0	1	
Bis(2-Chloroethyl) Ether	ND	25	1.0	1		2,6-Dinitrotoluene	ND	10	1.1	1	
2-Chlorophenol	ND	10	1.0	1		Diethyl Phthalate	ND	10	1.4	1	
1,3-Dichlorobenzene	ND	10	1.2	1		4-Chlorophenyl-Phenyl Ether	ND	10	1.2	1	
1,4-Dichlorobenzene	ND	10	1.1	1		Fluorene	ND	10	1.4	1	
Benzyl Alcohol	ND	10	1.0	1		4-Nitroaniline	ND	10	2.4	1	
1,2-Dichlorobenzene	ND	10	1.1	1		Azobenzene	ND	10	1.7	1	
2-Methylphenol	ND	10	1.1	1		4,6-Dinitro-2-Methylphenol	ND	50	3.4	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1.5	1		N-Nitrosodiphenylamine	ND	10	1.4	1	
3/4-Methylphenol	ND	10	1.0	1		4-Bromophenyl-Phenyl Ether	ND	10	1.2	1	
N-Nitroso-di-n-propylamine	ND	10	1.3	1		Hexachlorobenzene	ND	10	1.2	1	
Hexachloroethane	ND	10	0.98	1		Pentachlorophenol	ND	10	0.75	1	
Nitrobenzene	ND	25	1.3	1		Phenanthrene	ND	10	1.5	1	
Isophorone	ND	10	1.2	1		Anthracene	ND	10	1.5	1	
2-Nitrophenol	ND	10	1.2	1		Di-n-Butyl Phthalate	ND	10	1.5	1	
2,4-Dimethylphenol	ND	10	1.2	1		Fluoranthene	ND	10	1.5	1	
Benzoic Acid	ND	50	0.43	1		Benzidine	ND	50	0.62	1	
Bis(2-Chloroethoxy) Methane	ND	10	1.2	1		Pyrene	ND	10	1.4	1	
2,4-Dichlorophenol	ND	10	1.1	1		Pyridine	ND	10	1.4	1	
Naphthalene	ND	10	1.4	1		Butyl Benzyl Phthalate	ND	10	1.0	1	
4-Chloroaniline	ND	10	1.3	1		3,3'-Dichlorobenzidine	ND	25	1.3	1	
Hexachloro-1,3-Butadiene	ND	10	1.2	1		Benzo (a) Anthracene	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	10	1.2	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1.0	1	
2-Methylnaphthalene	ND	10	1.2	1		Chrysene	ND	10	1.3	1	
Hexachlorocyclopentadiene	ND	25	0.44	1		Di-n-Octyl Phthalate	ND	10	1.0	1	
2,4,6-Trichlorophenol	ND	10	1.2	1		Benzo (k) Fluoranthene	ND	10	1.7	1	
2,4,5-Trichlorophenol	ND	10	0.97	1		Benzo (b) Fluoranthene	ND	10	1.2	1	
2-Chloronaphthalene	ND	10	1.3	1		Benzo (a) Pyrene	ND	10	0.88	1	
2-Nitroaniline	ND	10	1.0	1		Benzo (g,h,i) Perylene	ND	10	0.71	1	
Dimethyl Phthalate	ND	10	1.3	1		Indeno (1,2,3-c,d) Pyrene	ND	10	0.83	1	
Acenaphthylene	ND	10	1.4	1		Dibenz (a,h) Anthracene	ND	10	0.82	1	
3-Nitroaniline	ND	10	1.2	1		1-Methylnaphthalene	ND	10	1.4	1	
Acenaphthene	ND	10	1.4	1		1,2,4-Trichlorobenzene	ND	10	1.3	1	
2,4-Dinitrophenol	ND	50	2.6	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	63	7-121		Phenol-d6	64	1-127	
Nitrobenzene-d5	59	50-146		2-Fluorobiphenyl	52	42-138	
2,4,6-Tribromophenol	53	41-137		p-Terphenyl-d14	99	47-173	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA 8270C Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	CAS NUMBER	RT	On Column Conc. ug/L	Estimated Conc. ug/L
06-06-1560	4	Tt-MW2-5		Sulfur	13798-23-7	11.91	9.20	9.2

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C(M) Isotope Dilution

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,4-Dioxane	ND	2.0	0.40	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	77	56-123	

Method Blank	**099-09-004-605**	**N/A**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,4-Dioxane	ND	2.0	0.40	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	60	56-123	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 1625CM

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/29/06**	**07/06/06**	**060629L10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	0.48	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	51	50-130	

Method Blank	**099-07-027-254**	**N/A**	**Aqueous**	**06/29/06**	**07/06/06**	**060629L10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	0.48	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	53	50-130	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	Extraction
		Method:	EPA 8330

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L05**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
RDX	ND	10	1.3	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,2-Dinitrobenzene	90	40-160	

Method Blank	**099-10-032-39**	**N/A**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L05**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
RDX	ND	10	1.3	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,2-Dinitrobenzene	89	40-160	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 1 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LTB-062606	**06-06-1560-1**	**06/26/06**	**Aqueous**	**06/27/06**	**06/28/06**	**060627L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	10	6.1	1		1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	4.5	10.0	2.6	1	J
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	74-140		1,2-Dichloroethane-d4	118	74-146	
Toluene-d8	92	88-112		1,4-Bromofluorobenzene	85	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 2 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-6D	**06-06-1560-2**	**06/26/06**	**Aqueous**	**06/27/06**	**06/28/06**	**060627L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.2	10.0	6.1	1	J	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	ND	10	2.6	1	
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	74-140		1,2-Dichloroethane-d4	113	74-146	
Toluene-d8	94	88-112		1,4-Bromofluorobenzene	85	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 3 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-6S	**06-06-1560-3**	**06/26/06**	**Aqueous**	**06/27/06**	**06/28/06**	**060627L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.3	10.0	6.1	1	J	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	ND	10	2.6	1	
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	0.97	1.0	0.35	1	J
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	74-140		1,2-Dichloroethane-d4	112	74-146	
Toluene-d8	97	88-112		1,4-Bromofluorobenzene	85	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 4 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/27/06**	**06/28/06**	**060627L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	6.3	10.0	6.1	1	J	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	ND	10	2.6	1	
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	1.2	10.0	1.0	1	J	Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	1.1	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	95	88-112		1,4-Bromofluorobenzene	86	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 5 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-18,386**	**N/A**	**Aqueous**	**06/27/06**	**06/28/06**	**060627L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	10	6.1	1		1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	ND	10	2.6	1	
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	74-140		1,2-Dichloroethane-d4	111	74-146	
Toluene-d8	94	88-112		1,4-Bromofluorobenzene	87	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA 8260B Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	CAS NUMBER	RT	On Column Conc. ug/L	Estimated Conc. ug/L
06-06-1560				No TICs found for all samples				

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	SRL 524M-TCP

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-6D	**06-06-1560-2**	**06/26/06**	**Aqueous**	**06/28/06**	**06/28/06**	**060628L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	0.0018	0.0050	0.0017	1	J,B	ug/L

Tt-MW2-6S	**06-06-1560-3**	**06/26/06**	**Aqueous**	**06/28/06**	**06/28/06**	**060628L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	0.0017	1		ug/L

Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/28/06**	**06/28/06**	**060628L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	0.0018	0.0050	0.0017	1	J,B	ug/L

Method Blank	**099-10-022-244**	**N/A**	**Aqueous**	**06/28/06**	**06/28/06**	**060628L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	0.0019	0.0050	0.0017	1	J	ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 06/26/06
Work Order No: 06-06-1560

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix
Tt-MW2-6D	**06-06-1560-2**	**06/26/06**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Perchlorate (1)	0.54	2.0	0.43	1	J	ug/L	N/A	06/29/06	EPA 314.0

Tt-MW2-6S	**06-06-1560-3**	**06/26/06**	**Aqueous**

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Perchlorate	270	20	4.3	10		ug/L	N/A	06/30/06	EPA 314.0

Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chromium, Hexavalent	1.0	0.2	0.0050	1	B	ug/L	N/A	06/26/06	EPA 218.6
Perchlorate	890	200	43	100		ug/L	N/A	06/30/06	EPA 314.0

Method Blank		**N/A**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chromium, Hexavalent (1)	0.032	0.20	0.0050	1	J	ug/L	N/A	06/26/06	EPA 218.6
Perchlorate (1)	ND	2.0	0.43	1		ug/L	N/A	06/29/06	EPA 314.0

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	EPA 3010A Total
Method:	EPA 6010B

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1498-10	**Aqueous**	**ICP 3300**	**06/26/06**	**06/27/06**	**060626S06**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	110	109	80-140	1	0-11	
Beryllium	107	106	89-119	1	0-8	
Cadmium	108	107	82-124	1	0-7	
Lead	107	106	84-120	1	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	EPA 3520B
Method:	EPA 8270C

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1647-3	**Aqueous**	**GC/MS P**	**06/28/06**	**07/03/06**	**060628S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	78	69	6-138	13	0-39	
2-Chlorophenol	75	66	48-120	12	0-26	
1,4-Dichlorobenzene	61	52	13-145	15	0-26	
N-Nitroso-di-n-propylamine	80	74	60-144	8	0-40	
4-Chloro-3-Methylphenol	84	73	58-130	15	0-27	
Acenaphthene	79	71	46-136	11	0-19	
4-Nitrophenol	80	70	8-176	14	0-34	
2,4-Dinitrotoluene	64	56	54-144	13	0-17	
Pentachlorophenol	45	38	52-136	15	0-35	3
Pyrene	103	93	39-165	10	0-56	
1,2,4-Trichlorobenzene	71	60	28-136	16	0-27	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	EPA 3520B
Method:	EPA 8270C(M) Isotope Dilution

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1647-3	**Aqueous**	**GC/MS P**	**06/28/06**	**07/03/06**	**060628S03A**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	100	103	50-130	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	Extraction
Method:	EPA 8330

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1354-5	**Aqueous**	**HPLC 7**	**06/28/06**	**06/30/06**	**060628S05**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
4-Amino-2,6-DNT	79	87	40-160	9	0-20	
2-Amino-4,6-DNT	81	85	40-160	5	0-20	
1,3-Dinitrobenzene	81	86	40-160	6	0-20	
2,4-Dinitrotoluene	89	93	40-160	5	0-20	
2,6-Dinitrotoluene	82	84	40-160	2	0-20	
HMX	82	87	40-160	6	0-20	
Nitrobenzene	81	87	40-160	6	0-20	
2-Nitrotoluene	88	91	40-160	3	0-20	
3-Nitrotoluene	82	83	40-160	1	0-20	
4-Nitrotoluene	83	88	40-160	5	0-20	
RDX	80	90	40-160	12	0-20	
Tetryl	104	109	40-160	5	0-20	
1,3,5-Trinitrobenzene	90	90	40-160	0	0-20	
2,4,6-Trinitrotoluene	88	96	40-160	9	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	EPA 5030B
Method:	EPA 8260B

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1423-37	**Aqueous**	**GC/MS T**	**06/27/06**	**06/28/06**	**060627S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	93	88-118	1	0-7	
Carbon Tetrachloride	104	103	67-145	1	0-11	
Chlorobenzene	100	100	88-118	0	0-7	
1,2-Dichlorobenzene	100	100	86-116	1	0-8	
1,1-Dichloroethene	86	88	70-130	3	0-25	
Toluene	101	100	87-123	2	0-8	
Trichloroethene	99	97	79-127	2	0-10	
Vinyl Chloride	78	82	69-129	5	0-13	
Methyl-t-Butyl Ether (MTBE)	96	99	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	123	103	36-168	18	0-45	
Diisopropyl Ether (DIPE)	88	88	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	90	93	72-126	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	102	72-126	1	0-12	
Ethanol	87	96	53-149	9	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	EPA 5030B
Method:	SRL 524M-TCP

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1619-1	**Aqueous**	**GC/MS M**	**06/28/06**	**06/28/06**	**060628S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	86	98	80-120	14	0-20	
1,4-Dioxane	100	107	80-120	7	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: N/A
Work Order No: 06-06-1560

Project: LMC Beaumont Site 2 / TC #18089-02

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	EPA 218.6	Tt-MW2-6D	06/26/06	N/A	103	102	85-121	1	0-4	
Perchlorate	EPA 314.0	06-06-1647-3	06/30/06	N/A	100	99	80-120	0	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-6,239	**Aqueous**	**ICP 3300**	**06/26/06**	**06/27/06**	**060626L06**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	103	98	80-120	5	0-20	
Beryllium	100	108	80-120	7	0-20	
Cadmium	106	106	80-120	0	0-20	
Lead	104	109	80-120	5	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-003-1,959	**Aqueous**	**GC/MS P**	**06/28/06**	**06/30/06**	**060628L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	77	81	4-142	6	0-24	
2-Chlorophenol	75	80	53-113	6	0-17	
1,4-Dichlorobenzene	51	50	50-122	2	0-19	
N-Nitroso-di-n-propylamine	76	78	56-146	2	0-22	
4-Chloro-3-Methylphenol	80	81	55-121	1	0-18	
Acenaphthene	70	71	55-139	1	0-17	
4-Nitrophenol	70	70	1-145	1	0-29	
2,4-Dinitrotoluene	62	60	41-161	4	0-22	
Pentachlorophenol	51	49	34-130	2	0-23	
Pyrene	82	88	38-170	7	0-27	
1,2,4-Trichlorobenzene	57	59	49-121	3	0-19	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C(M) Isotope Dilution

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-004-605	**Aqueous**	**GC/MS P**	**06/28/06**	**06/30/06**	**060628L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	96	96	50-130	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 1625CM

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-07-027-254	**Aqueous**	**GC/MS H**	**06/29/06**	**07/06/06**	**060629L10**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
N-Nitrosodimethylamine	55	51	50-130	8	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	Extraction
		Method:	EPA 8330

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-032-39	**Aqueous**	**HPLC 7**	**06/28/06**	**06/30/06**	**060628L05**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
4-Amino-2,6-DNT	82	91	40-160	10	0-20	
2-Amino-4,6-DNT	85	90	40-160	5	0-20	
1,3-Dinitrobenzene	84	88	40-160	4	0-20	
2,4-Dinitrotoluene	92	98	40-160	6	0-20	
2,6-Dinitrotoluene	87	88	40-160	1	0-20	
HMX	91	95	40-160	4	0-20	
Nitrobenzene	83	88	40-160	7	0-20	
2-Nitrotoluene	86	92	40-160	7	0-20	
3-Nitrotoluene	85	89	40-160	4	0-20	
4-Nitrotoluene	84	90	40-160	8	0-20	
RDX	82	86	40-160	5	0-20	
Tetryl	97	107	40-160	10	0-20	
1,3,5-Trinitrobenzene	94	98	40-160	4	0-20	
2,4,6-Trinitrotoluene	95	97	40-160	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	N/A
Work Order No:	06-06-1560
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-18,386	**Aqueous**	**GC/MS T**	**06/27/06**	**06/28/06**	**060627L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	91	84-120	1	0-8	
Carbon Tetrachloride	102	102	63-147	1	0-10	
Chlorobenzene	97	96	89-119	1	0-7	
1,2-Dichlorobenzene	100	99	89-119	1	0-9	
1,1-Dichloroethene	88	89	77-125	2	0-16	
Toluene	99	96	83-125	2	0-9	
Trichloroethene	95	95	89-119	1	0-8	
Vinyl Chloride	80	80	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	96	98	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	85	83	46-154	2	0-32	
Diisopropyl Ether (DIPE)	88	90	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	92	95	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	100	76-124	0	0-10	
Ethanol	86	88	60-138	2	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	SRL 524M-TCP

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-10-022-244	**Aqueous**	**GC/MS M**	**06/28/06**	**28JUN003.rr**	**060628L01**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
1,2,3-Trichloropropane	0.020	0.020	101	80-120	
1,4-Dioxane	20	20	100	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: N/A
Work Order No: 06-06-1560

Project: LMC Beaumont Site 2 / TC #18089-02

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Chromium, Hexavalent	EPA 218.6	099-05-124-489	N/A	06/26/06	100	99	95-107	1	0-20	
Perchlorate	EPA 314.0	099-05-203-425	N/A	06/29/06	96	97	85-115	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-06-1560

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: Calscience (via courier)

CHAIN OF CUSTODY RECORD

06-06-1560

DATE 06/26/2006 PAGE 1 OF 1

CLIENT: Tetra Tech
PROJECT NAME: LMC Beaumont Site 2
PROJECT MANAGER: Brenda Meyer
TC #: 18089-02
SAMPLERS (Signatures)

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS: Report all data to the MDL

PARAMETERS

LINE ITEM	SAMPLE NO.	DATE	TIME	VOCs + TIC search (SW8260B)	Perchlorate (314.0)	1,4-Dioxane (SW8270C mod)	RDX (8330)	NDMA (1625C mod)	1,2,3-TCP (524 mod)	Hex Chrome (218.6)	As, Pb, Be, Cd (6010B)						FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE
1.	LTB-062606	06/26/2006	0600	X													Un	W	G	2	HCl
2.	T+-MW2-6D	↓	0845	X	X	X	X	X	X	X	X						~~F~~ Un	W	G/P	12	HCl / $Na_2S_2O_3$
3.	T+-MW2-6S		1016	X	X	X	X	X	X	X	X						↓	↓	↓	↓	↓
4.	T+-MW2-5		1212	X	X	X	X	X	X	X	X						↓	↓	↓	↓	↓
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE:
S - Soil
M - Sediment
W - Water

CONTAINER TYPE:
G - Glass Bottle/Jar
SS - Stainless Steel Sleeve
SB - Brass Sleeve
P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only)
HCL
NR (None required)
NaOH
H_2SO_4

RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME
David Bertolacci		TETRA TECH, INC.	06/26/2006	1430
RECEIVED BY: BACTA		CEL	6/26/6	1450
RELINQUISHED BY: BACTA		CEL	6/26/6	1630
RECEIVED BY: Hien To		CEL	6/26/06	1630

TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 38

METHOD OF SHIPMENT/SHIPMENT NO.: courier

Special Shipping/Handling/Storage Requirements:

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 0 6 - 1 5 6 0

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Tetra Tech **DATE:** 6/26/6

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ____ Chilled, cooler with temperature blank provided.
- ____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- ____ Ambient and placed in cooler with wet ice.
- ____ Ambient temperature.
- 7.0 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- ____ °C Temperature blank.
- ____ °C IR thermometer.
- ____ Ambient temperature.

Initial: [illegible]

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ____ No (Not Intact) : ____ Not Applicable (N/A): —

Initial: [illegible]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: [illegible]

COMMENTS:

From: Meyer, Brenda -- Tetra Tech
To: Jason Torres;
CC:
Subject: RE: Beaumont Site 1 / 18086-02 / CEL 06-06-0989
Date: Wednesday, June 28, 2006 7:11:56 AM
Attachments:

Jason,
We have had a communication gap on my part. We will need to change the testing for some samples you have gotten for Site 2 if you have not already finished testing. I would like to cancel the tests for 1,4-dioxane, RDX, NDMA and Hx Chrome for all samples from Site 2 sent to you on 6/23 as well as 6/26 with the exception of TT-MW2-5. Please continue to test as specified on the COC this sample and also add 8720 with TICs. Please call if you have questions.
Brenda

_____
From: Jason Torres [mailto:jtorres@calscience.com]
Sent: Tuesday, June 27, 2006 3:00 PM
To: Meyer, Brenda -- Tetra Tech
Cc: Wilson, Michael -- Tetra Tech; Michalski, Paul -- Tetra Tech
Subject: Beaumont Site 1 / 18086-02 / CEL 06-06-0989

Jason Torres
Project Manager
Calscience Environmental
Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427
Tel.: 714-895-5494 Ext. 133
Fax : 714-894-7501
jtorres <mailto:m@calscience.com> @calscience.com
PRIVACY NOTICE:
This email (and/or the documents attached to it) is intended only for the use of the individual or entity to which it is addressed and may contain

Calscience Environmental Laboratories, Inc.

July 12, 2006

Brenda Meyer
Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Subject: **Calscience Work Order No.: 06-06-1647**
Client Reference: LMC Beaumont Site 2 / TC #18089-02

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/27/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jason Torres
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-062706-GP	**06-06-1647-2**	**06/27/06**	**Aqueous**	**06/28/06**	**06/29/06**	**060628L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-3	**06-06-1647-3**	**06/27/06**	**Aqueous**	**06/28/06**	**06/29/06**	**060628L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-103	**06-06-1647-4**	**06/27/06**	**Aqueous**	**06/28/06**	**06/29/06**	**060628L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-1	**06-06-1647-5**	**06/27/06**	**Aqueous**	**06/28/06**	**06/29/06**	**060628L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3010A Total
		Method:	EPA 6010B
		Units:	mg/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-062706-GP	**06-06-1647-2**	**06/27/06**	**Aqueous**	**06/28/06**	**06/29/06**	**060628L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-3	**06-06-1647-3**	**06/27/06**	**Aqueous**	**06/28/06**	**06/29/06**	**060628L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-103	**06-06-1647-4**	**06/27/06**	**Aqueous**	**06/28/06**	**06/29/06**	**060628L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-1	**06-06-1647-5**	**06/27/06**	**Aqueous**	**06/28/06**	**06/29/06**	**060628L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Method Blank	**097-01-003-6,246**	**N/A**	**Aqueous**	**06/28/06**	**06/29/06**	**060628L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 1 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-062706-GP	**06-06-1647-2**	**06/27/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.1	1		4-Nitrophenol	ND	10	0.86	1	
Aniline	ND	10	1.2	1		Dibenzofuran	ND	10	1.4	1	
Phenol	ND	10	1.2	1		2,4-Dinitrotoluene	ND	10	1.0	1	
Bis(2-Chloroethyl) Ether	ND	25	1.0	1		2,6-Dinitrotoluene	ND	10	1.1	1	
2-Chlorophenol	ND	10	1.0	1		Diethyl Phthalate	ND	10	1.4	1	
1,3-Dichlorobenzene	ND	10	1.2	1		4-Chlorophenyl-Phenyl Ether	ND	10	1.2	1	
1,4-Dichlorobenzene	ND	10	1.1	1		Fluorene	ND	10	1.4	1	
Benzyl Alcohol	ND	10	1.0	1		4-Nitroaniline	ND	10	2.4	1	
1,2-Dichlorobenzene	ND	10	1.1	1		Azobenzene	ND	10	1.7	1	
2-Methylphenol	ND	10	1.1	1		4,6-Dinitro-2-Methylphenol	ND	50	3.4	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1.5	1		N-Nitrosodiphenylamine	ND	10	1.4	1	
3/4-Methylphenol	ND	10	1.0	1		4-Bromophenyl-Phenyl Ether	ND	10	1.2	1	
N-Nitroso-di-n-propylamine	ND	10	1.3	1		Hexachlorobenzene	ND	10	1.2	1	
Hexachloroethane	ND	10	0.98	1		Pentachlorophenol	ND	10	0.75	1	
Nitrobenzene	ND	25	1.3	1		Phenanthrene	ND	10	1.5	1	
Isophorone	ND	10	1.2	1		Anthracene	ND	10	1.5	1	
2-Nitrophenol	ND	10	1.2	1		Di-n-Butyl Phthalate	ND	10	1.5	1	
2,4-Dimethylphenol	ND	10	1.2	1		Fluoranthene	ND	10	1.5	1	
Benzoic Acid	ND	50	0.43	1		Benzidine	ND	50	0.62	1	
Bis(2-Chloroethoxy) Methane	ND	10	1.2	1		Pyrene	ND	10	1.4	1	
2,4-Dichlorophenol	ND	10	1.1	1		Pyridine	ND	10	1.4	1	
Naphthalene	ND	10	1.4	1		Butyl Benzyl Phthalate	ND	10	1.0	1	
4-Chloroaniline	ND	10	1.3	1		3,3'-Dichlorobenzidine	ND	25	1.3	1	
Hexachloro-1,3-Butadiene	ND	10	1.2	1		Benzo (a) Anthracene	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	10	1.2	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1.0	1	
2-Methylnaphthalene	ND	10	1.2	1		Chrysene	ND	10	1.3	1	
Hexachlorocyclopentadiene	ND	25	0.44	1		Di-n-Octyl Phthalate	ND	10	1.0	1	
2,4,6-Trichlorophenol	ND	10	1.2	1		Benzo (k) Fluoranthene	ND	10	1.7	1	
2,4,5-Trichlorophenol	ND	10	0.97	1		Benzo (b) Fluoranthene	ND	10	1.2	1	
2-Chloronaphthalene	ND	10	1.3	1		Benzo (a) Pyrene	ND	10	0.88	1	
2-Nitroaniline	ND	10	1.0	1		Benzo (g,h,i) Perylene	ND	10	0.71	1	
Dimethyl Phthalate	ND	10	1.3	1		Indeno (1,2,3-c,d) Pyrene	ND	10	0.83	1	
Acenaphthylene	ND	10	1.4	1		Dibenz (a,h) Anthracene	ND	10	0.82	1	
3-Nitroaniline	ND	10	1.2	1		1-Methylnaphthalene	ND	10	1.4	1	
Acenaphthene	ND	10	1.4	1		1,2,4-Trichlorobenzene	ND	10	1.3	1	
2,4-Dinitrophenol	ND	50	2.6	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	70	7-121		Phenol-d6	70	1-127	
Nitrobenzene-d5	71	50-146		2-Fluorobiphenyl	66	42-138	
2,4,6-Tribromophenol	53	41-137		p-Terphenyl-d14	88	47-173	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 2 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-3	**06-06-1647-3**	**06/27/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.1	1		4-Nitrophenol	ND	10	0.86	1	
Aniline	ND	10	1.2	1		Dibenzofuran	ND	10	1.4	1	
Phenol	ND	10	1.2	1		2,4-Dinitrotoluene	ND	10	1.0	1	
Bis(2-Chloroethyl) Ether	ND	25	1.0	1		2,6-Dinitrotoluene	ND	10	1.1	1	
2-Chlorophenol	ND	10	1.0	1		Diethyl Phthalate	ND	10	1.4	1	
1,3-Dichlorobenzene	ND	10	1.2	1		4-Chlorophenyl-Phenyl Ether	ND	10	1.2	1	
1,4-Dichlorobenzene	ND	10	1.1	1		Fluorene	ND	10	1.4	1	
Benzyl Alcohol	ND	10	1.0	1		4-Nitroaniline	ND	10	2.4	1	
1,2-Dichlorobenzene	ND	10	1.1	1		Azobenzene	ND	10	1.7	1	
2-Methylphenol	ND	10	1.1	1		4,6-Dinitro-2-Methylphenol	ND	50	3.4	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1.5	1		N-Nitrosodiphenylamine	ND	10	1.4	1	
3/4-Methylphenol	ND	10	1.0	1		4-Bromophenyl-Phenyl Ether	ND	10	1.2	1	
N-Nitroso-di-n-propylamine	ND	10	1.3	1		Hexachlorobenzene	ND	10	1.2	1	
Hexachloroethane	ND	10	0.98	1		Pentachlorophenol	ND	10	0.75	1	
Nitrobenzene	ND	25	1.3	1		Phenanthrene	ND	10	1.5	1	
Isophorone	ND	10	1.2	1		Anthracene	ND	10	1.5	1	
2-Nitrophenol	ND	10	1.2	1		Di-n-Butyl Phthalate	ND	10	1.5	1	
2,4-Dimethylphenol	ND	10	1.2	1		Fluoranthene	ND	10	1.5	1	
Benzoic Acid	ND	50	0.43	1		Benzidine	ND	50	0.62	1	
Bis(2-Chloroethoxy) Methane	ND	10	1.2	1		Pyrene	ND	10	1.4	1	
2,4-Dichlorophenol	ND	10	1.1	1		Pyridine	ND	10	1.4	1	
Naphthalene	ND	10	1.4	1		Butyl Benzyl Phthalate	ND	10	1.0	1	
4-Chloroaniline	ND	10	1.3	1		3,3'-Dichlorobenzidine	ND	25	1.3	1	
Hexachloro-1,3-Butadiene	ND	10	1.2	1		Benzo (a) Anthracene	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	10	1.2	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1.0	1	
2-Methylnaphthalene	ND	10	1.2	1		Chrysene	ND	10	1.3	1	
Hexachlorocyclopentadiene	ND	25	0.44	1		Di-n-Octyl Phthalate	ND	10	1.0	1	
2,4,6-Trichlorophenol	ND	10	1.2	1		Benzo (k) Fluoranthene	ND	10	1.7	1	
2,4,5-Trichlorophenol	ND	10	0.97	1		Benzo (b) Fluoranthene	ND	10	1.2	1	
2-Chloronaphthalene	ND	10	1.3	1		Benzo (a) Pyrene	ND	10	0.88	1	
2-Nitroaniline	ND	10	1.0	1		Benzo (g,h,i) Perylene	ND	10	0.71	1	
Dimethyl Phthalate	ND	10	1.3	1		Indeno (1,2,3-c,d) Pyrene	ND	10	0.83	1	
Acenaphthylene	ND	10	1.4	1		Dibenz (a,h) Anthracene	ND	10	0.82	1	
3-Nitroaniline	ND	10	1.2	1		1-Methylnaphthalene	ND	10	1.4	1	
Acenaphthene	ND	10	1.4	1		1,2,4-Trichlorobenzene	ND	10	1.3	1	
2,4-Dinitrophenol	ND	50	2.6	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	67	7-121		Phenol-d6	69	1-127	
Nitrobenzene-d5	70	50-146		2-Fluorobiphenyl	68	42-138	
2,4,6-Tribromophenol	57	41-137		p-Terphenyl-d14	92	47-173	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 3 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-103	**06-06-1647-4**	**06/27/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.1	1		4-Nitrophenol	ND	10	0.86	1	
Aniline	ND	10	1.2	1		Dibenzofuran	ND	10	1.4	1	
Phenol	ND	10	1.2	1		2,4-Dinitrotoluene	ND	10	1.0	1	
Bis(2-Chloroethyl) Ether	ND	25	1.0	1		2,6-Dinitrotoluene	ND	10	1.1	1	
2-Chlorophenol	ND	10	1.0	1		Diethyl Phthalate	ND	10	1.4	1	
1,3-Dichlorobenzene	ND	10	1.2	1		4-Chlorophenyl-Phenyl Ether	ND	10	1.2	1	
1,4-Dichlorobenzene	ND	10	1.1	1		Fluorene	ND	10	1.4	1	
Benzyl Alcohol	ND	10	1.0	1		4-Nitroaniline	ND	10	2.4	1	
1,2-Dichlorobenzene	ND	10	1.1	1		Azobenzene	ND	10	1.7	1	
2-Methylphenol	ND	10	1.1	1		4,6-Dinitro-2-Methylphenol	ND	50	3.4	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1.5	1		N-Nitrosodiphenylamine	ND	10	1.4	1	
3/4-Methylphenol	ND	10	1.0	1		4-Bromophenyl-Phenyl Ether	ND	10	1.2	1	
N-Nitroso-di-n-propylamine	ND	10	1.3	1		Hexachlorobenzene	ND	10	1.2	1	
Hexachloroethane	ND	10	0.98	1		Pentachlorophenol	ND	10	0.75	1	
Nitrobenzene	ND	25	1.3	1		Phenanthrene	ND	10	1.5	1	
Isophorone	ND	10	1.2	1		Anthracene	ND	10	1.5	1	
2-Nitrophenol	ND	10	1.2	1		Di-n-Butyl Phthalate	ND	10	1.5	1	
2,4-Dimethylphenol	ND	10	1.2	1		Fluoranthene	ND	10	1.5	1	
Benzoic Acid	ND	50	0.43	1		Benzidine	ND	50	0.62	1	
Bis(2-Chloroethoxy) Methane	ND	10	1.2	1		Pyrene	ND	10	1.4	1	
2,4-Dichlorophenol	ND	10	1.1	1		Pyridine	ND	10	1.4	1	
Naphthalene	ND	10	1.4	1		Butyl Benzyl Phthalate	ND	10	1.0	1	
4-Chloroaniline	ND	10	1.3	1		3,3'-Dichlorobenzidine	ND	25	1.3	1	
Hexachloro-1,3-Butadiene	ND	10	1.2	1		Benzo (a) Anthracene	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	10	1.2	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1.0	1	
2-Methylnaphthalene	ND	10	1.2	1		Chrysene	ND	10	1.3	1	
Hexachlorocyclopentadiene	ND	25	0.44	1		Di-n-Octyl Phthalate	ND	10	1.0	1	
2,4,6-Trichlorophenol	ND	10	1.2	1		Benzo (k) Fluoranthene	ND	10	1.7	1	
2,4,5-Trichlorophenol	ND	10	0.97	1		Benzo (b) Fluoranthene	ND	10	1.2	1	
2-Chloronaphthalene	ND	10	1.3	1		Benzo (a) Pyrene	ND	10	0.88	1	
2-Nitroaniline	ND	10	1.0	1		Benzo (g,h,i) Perylene	ND	10	0.71	1	
Dimethyl Phthalate	ND	10	1.3	1		Indeno (1,2,3-c,d) Pyrene	ND	10	0.83	1	
Acenaphthylene	ND	10	1.4	1		Dibenz (a,h) Anthracene	ND	10	0.82	1	
3-Nitroaniline	ND	10	1.2	1		1-Methylnaphthalene	ND	10	1.4	1	
Acenaphthene	ND	10	1.4	1		1,2,4-Trichlorobenzene	ND	10	1.3	1	
2,4-Dinitrophenol	ND	50	2.6	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	72	7-121		Phenol-d6	70	1-127	
Nitrobenzene-d5	77	50-146		2-Fluorobiphenyl	72	42-138	
2,4,6-Tribromophenol	59	41-137		p-Terphenyl-d14	95	47-173	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 4 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-1	**06-06-1647-5**	**06/27/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.1	1		4-Nitrophenol	ND	10	0.86	1	
Aniline	ND	10	1.2	1		Dibenzofuran	ND	10	1.4	1	
Phenol	ND	10	1.2	1		2,4-Dinitrotoluene	ND	10	1.0	1	
Bis(2-Chloroethyl) Ether	ND	25	1.0	1		2,6-Dinitrotoluene	ND	10	1.1	1	
2-Chlorophenol	ND	10	1.0	1		Diethyl Phthalate	ND	10	1.4	1	
1,3-Dichlorobenzene	ND	10	1.2	1		4-Chlorophenyl-Phenyl Ether	ND	10	1.2	1	
1,4-Dichlorobenzene	ND	10	1.1	1		Fluorene	ND	10	1.4	1	
Benzyl Alcohol	ND	10	1.0	1		4-Nitroaniline	ND	10	2.4	1	
1,2-Dichlorobenzene	ND	10	1.1	1		Azobenzene	ND	10	1.7	1	
2-Methylphenol	ND	10	1.1	1		4,6-Dinitro-2-Methylphenol	ND	50	3.4	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1.5	1		N-Nitrosodiphenylamine	ND	10	1.4	1	
3/4-Methylphenol	ND	10	1.0	1		4-Bromophenyl-Phenyl Ether	ND	10	1.2	1	
N-Nitroso-di-n-propylamine	ND	10	1.3	1		Hexachlorobenzene	ND	10	1.2	1	
Hexachloroethane	ND	10	0.98	1		Pentachlorophenol	ND	10	0.75	1	
Nitrobenzene	ND	25	1.3	1		Phenanthrene	ND	10	1.5	1	
Isophorone	ND	10	1.2	1		Anthracene	ND	10	1.5	1	
2-Nitrophenol	ND	10	1.2	1		Di-n-Butyl Phthalate	ND	10	1.5	1	
2,4-Dimethylphenol	ND	10	1.2	1		Fluoranthene	ND	10	1.5	1	
Benzoic Acid	ND	50	0.43	1		Benzidine	ND	50	0.62	1	
Bis(2-Chloroethoxy) Methane	ND	10	1.2	1		Pyrene	ND	10	1.4	1	
2,4-Dichlorophenol	ND	10	1.1	1		Pyridine	ND	10	1.4	1	
Naphthalene	ND	10	1.4	1		Butyl Benzyl Phthalate	ND	10	1.0	1	
4-Chloroaniline	ND	10	1.3	1		3,3'-Dichlorobenzidine	ND	25	1.3	1	
Hexachloro-1,3-Butadiene	ND	10	1.2	1		Benzo (a) Anthracene	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	10	1.2	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1.0	1	
2-Methylnaphthalene	ND	10	1.2	1		Chrysene	ND	10	1.3	1	
Hexachlorocyclopentadiene	ND	25	0.44	1		Di-n-Octyl Phthalate	ND	10	1.0	1	
2,4,6-Trichlorophenol	ND	10	1.2	1		Benzo (k) Fluoranthene	ND	10	1.7	1	
2,4,5-Trichlorophenol	ND	10	0.97	1		Benzo (b) Fluoranthene	ND	10	1.2	1	
2-Chloronaphthalene	ND	10	1.3	1		Benzo (a) Pyrene	ND	10	0.88	1	
2-Nitroaniline	ND	10	1.0	1		Benzo (g,h,i) Perylene	ND	10	0.71	1	
Dimethyl Phthalate	ND	10	1.3	1		Indeno (1,2,3-c,d) Pyrene	ND	10	0.83	1	
Acenaphthylene	ND	10	1.4	1		Dibenz (a,h) Anthracene	ND	10	0.82	1	
3-Nitroaniline	ND	10	1.2	1		1-Methylnaphthalene	ND	10	1.4	1	
Acenaphthene	ND	10	1.4	1		1,2,4-Trichlorobenzene	ND	10	1.3	1	
2,4-Dinitrophenol	ND	50	2.6	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	74	7-121		Phenol-d6	75	1-127	
Nitrobenzene-d5	78	50-146		2-Fluorobiphenyl	77	42-138	
2,4,6-Tribromophenol	61	41-137		p-Terphenyl-d14	100	47-173	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 5 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-003-1,959**	**N/A**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.1	1		4-Nitrophenol	ND	10	0.86	1	
Aniline	ND	10	1.2	1		Dibenzofuran	ND	10	1.4	1	
Phenol	ND	10	1.2	1		2,4-Dinitrotoluene	ND	10	1.0	1	
Bis(2-Chloroethyl) Ether	ND	25	1.0	1		2,6-Dinitrotoluene	ND	10	1.1	1	
2-Chlorophenol	ND	10	1.0	1		Diethyl Phthalate	ND	10	1.4	1	
1,3-Dichlorobenzene	ND	10	1.2	1		4-Chlorophenyl-Phenyl Ether	ND	10	1.2	1	
1,4-Dichlorobenzene	ND	10	1.1	1		Fluorene	ND	10	1.4	1	
Benzyl Alcohol	ND	10	1.0	1		4-Nitroaniline	ND	10	2.4	1	
1,2-Dichlorobenzene	ND	10	1.1	1		Azobenzene	ND	10	1.7	1	
2-Methylphenol	ND	10	1.1	1		4,6-Dinitro-2-Methylphenol	ND	50	3.4	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1.5	1		N-Nitrosodiphenylamine	ND	10	1.4	1	
3/4-Methylphenol	ND	10	1.0	1		4-Bromophenyl-Phenyl Ether	ND	10	1.2	1	
N-Nitroso-di-n-propylamine	ND	10	1.3	1		Hexachlorobenzene	ND	10	1.2	1	
Hexachloroethane	ND	10	0.98	1		Pentachlorophenol	ND	10	0.75	1	
Nitrobenzene	ND	25	1.3	1		Phenanthrene	ND	10	1.5	1	
Isophorone	ND	10	1.2	1		Anthracene	ND	10	1.5	1	
2-Nitrophenol	ND	10	1.2	1		Di-n-Butyl Phthalate	ND	10	1.5	1	
2,4-Dimethylphenol	ND	10	1.2	1		Fluoranthene	ND	10	1.5	1	
Benzoic Acid	ND	50	0.43	1		Benzidine	ND	50	0.62	1	
Bis(2-Chloroethoxy) Methane	ND	10	1.2	1		Pyrene	ND	10	1.4	1	
2,4-Dichlorophenol	ND	10	1.1	1		Pyridine	ND	10	1.4	1	
Naphthalene	ND	10	1.4	1		Butyl Benzyl Phthalate	ND	10	1.0	1	
4-Chloroaniline	ND	10	1.3	1		3,3'-Dichlorobenzidine	ND	25	1.3	1	
Hexachloro-1,3-Butadiene	ND	10	1.2	1		Benzo (a) Anthracene	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	10	1.2	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1.0	1	
2-Methylnaphthalene	ND	10	1.2	1		Chrysene	ND	10	1.3	1	
Hexachlorocyclopentadiene	ND	25	0.44	1		Di-n-Octyl Phthalate	ND	10	1.0	1	
2,4,6-Trichlorophenol	ND	10	1.2	1		Benzo (k) Fluoranthene	ND	10	1.7	1	
2,4,5-Trichlorophenol	ND	10	0.97	1		Benzo (b) Fluoranthene	ND	10	1.2	1	
2-Chloronaphthalene	ND	10	1.3	1		Benzo (a) Pyrene	ND	10	0.88	1	
2-Nitroaniline	ND	10	1.0	1		Benzo (g,h,i) Perylene	ND	10	0.71	1	
Dimethyl Phthalate	ND	10	1.3	1		Indeno (1,2,3-c,d) Pyrene	ND	10	0.83	1	
Acenaphthylene	ND	10	1.4	1		Dibenz (a,h) Anthracene	ND	10	0.82	1	
3-Nitroaniline	ND	10	1.2	1		1-Methylnaphthalene	ND	10	1.4	1	
Acenaphthene	ND	10	1.4	1		1,2,4-Trichlorobenzene	ND	10	1.3	1	
2,4-Dinitrophenol	ND	50	2.6	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	63	7-121		Phenol-d6	64	1-127	
Nitrobenzene-d5	59	50-146		2-Fluorobiphenyl	52	42-138	
2,4,6-Tribromophenol	53	41-137		p-Terphenyl-d14	99	47-173	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA 8270C Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	CAS NUMBER	RT	On Column Conc. ug/L	Estimated Conc. ug/L
06-06-1647	2	LEB-062706-GP		No TICs found				
06-06-1647	3	Tt-MW2-3		2-Pyrrolidinone, 1-methyl-	872-50-4	6.46	5.09	10.2
06-06-1647	4	Tt-MW2-103		No TICs found				
06-06-1647	5	Tt-MW2-1		No TICs found				

Q Qualifier
RT Retention Time

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Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C(M) Isotope Dilution

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-062706-GP	**06-06-1647-2**	**06/27/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,4-Dioxane	ND	2.0	0.40	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	71	56-123	

Tt-MW2-3		**06-06-1647-3**		**06/27/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,4-Dioxane	ND	2.0	0.40	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	70	56-123	

Tt-MW2-103		**06-06-1647-4**		**06/27/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,4-Dioxane	ND	2.0	0.40	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	78	56-123	

Tt-MW2-1		**06-06-1647-5**		**06/27/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,4-Dioxane	ND	2.0	0.40	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	79	56-123	

Method Blank		**099-09-004-605**		**N/A**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,4-Dioxane	ND	2.0	0.40	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	60	56-123	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 1625CM

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-062706-GP	**06-06-1647-2**	**06/27/06**	**Aqueous**	**06/29/06**	**07/06/06**	**060629L10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	0.48	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	86	50-130	

Tt-MW2-3	**06-06-1647-3**	**06/27/06**	**Aqueous**	**06/29/06**	**07/06/06**	**060629L10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	0.48	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	68	50-130	

Tt-MW2-103	**06-06-1647-4**	**06/27/06**	**Aqueous**	**06/29/06**	**07/06/06**	**060629L10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	0.48	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	97	50-130	

Tt-MW2-1	**06-06-1647-5**	**06/27/06**	**Aqueous**	**06/29/06**	**07/06/06**	**060629L10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	0.48	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	64	50-130	

Method Blank	**099-07-027-254**	**N/A**	**Aqueous**	**06/29/06**	**07/06/06**	**060629L10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	0.48	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	53	50-130	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	Extraction
		Method:	EPA 8330

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-062706-GP	**06-06-1647-2**	**06/27/06**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L05**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
RDX	ND	10	1.3	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,2-Dinitrobenzene	117	40-160	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-3	**06-06-1647-3**	**06/27/06**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L05**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
RDX	ND	10	1.3	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,2-Dinitrobenzene	89	40-160	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-103	**06-06-1647-4**	**06/27/06**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L05**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
RDX	ND	10	1.3	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,2-Dinitrobenzene	90	40-160	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-1	**06-06-1647-5**	**06/27/06**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L05**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
RDX	1.6	10.0	1.3	1	J	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,2-Dinitrobenzene	91	40-160	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-032-39**	**N/A**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L05**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
RDX	ND	10	1.3	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,2-Dinitrobenzene	89	40-160	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 1 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LTB-062706	**06-06-1647-1**	**06/27/06**	**Aqueous**	**06/30/06**	**06/30/06**	**060630L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.0	10.0	6.1	1	J,B	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	7.7	10.0	2.6	1	J,B
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	90	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 2 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-062706-GP	**06-06-1647-2**	**06/27/06**	**Aqueous**	**06/30/06**	**06/30/06**	**060630L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	12	10	6.1	1	B	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	5.8	10.0	2.6	1	J,B
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	0.32	1.0	0.22	1	J	1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	114	74-140		1,2-Dichloroethane-d4	115	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	90	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 3 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-3	**06-06-1647-3**	**06/27/06**	**Aqueous**	**06/30/06**	**06/30/06**	**060630L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	10	6.1	1		1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	4.2	10.0	2.6	1	J,B
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	4.2	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	113	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	91	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 4 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-103	**06-06-1647-4**	**06/27/06**	**Aqueous**	**06/30/06**	**06/30/06**	**060630L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	10	10	6.1	1	B	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	3.7	10.0	2.6	1	J,B
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	4.3	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	112	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	101	88-112		1,4-Bromofluorobenzene	90	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 5 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-1	**06-06-1647-5**	**06/27/06**	**Aqueous**	**06/28/06**	**06/29/06**	**060628L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	12	10	6.1	1	B	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	14	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	4.2	10.0	2.6	1	J,B
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	74-140		1,2-Dichloroethane-d4	112	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	85	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 6 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-18,408**	**N/A**	**Aqueous**	**06/28/06**	**06/29/06**	**060628L02**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.9	10.0	6.1	1	J	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	6.0	10.0	2.6	1	J
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	74-140		1,2-Dichloroethane-d4	115	74-146	
Toluene-d8	98	88-112		1,4-Bromofluorobenzene	83	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 7 of 7

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-18,422**	**N/A**	**Aqueous**	**06/30/06**	**06/30/06**	**060630L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	13	10	6.1	1		1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	3.2	10.0	2.6	1	J
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	74-140		1,2-Dichloroethane-d4	103	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	89	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA 8260B Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	CAS NUMBER	RT	On Column Conc. ug/L	Estimated Conc. ug/L
06-06-1647				No TICs found for all samples				

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/27/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	SRL 524M-TCP

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-062706-GP	**06-06-1647-2**	**06/27/06**	**Aqueous**	**06/29/06**	**06/29/06**	**060629L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	0.0017	1		ug/L

Tt-MW2-3	**06-06-1647-3**	**06/27/06**	**Aqueous**	**06/29/06**	**06/29/06**	**060629L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	0.0017	1		ug/L

Tt-MW2-103	**06-06-1647-4**	**06/27/06**	**Aqueous**	**06/29/06**	**06/29/06**	**060629L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	0.0017	1		ug/L

Tt-MW2-1	**06-06-1647-5**	**06/27/06**	**Aqueous**	**06/29/06**	**06/29/06**	**060629L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	0.0017	1		ug/L

Method Blank	**099-10-022-243**	**N/A**	**Aqueous**	**06/29/06**	**06/29/06**	**060629L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	0.0017	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 06/27/06
Work Order No: 06-06-1647

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix
LEB-062706-GP	**06-06-1647-2**	**06/27/06**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chromium, Hexavalent (1)	0.13	0.20	0.0050	1	J,B	ug/L	N/A	06/27/06	EPA 218.6
Perchlorate (1)	ND	2.0	0.43	1		ug/L	N/A	06/29/06	EPA 314.0

Tt-MW2-3	**06-06-1647-3**	**06/27/06**	**Aqueous**

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chromium, Hexavalent	1.2	0.2	0.0050	1	B	ug/L	N/A	06/27/06	EPA 218.6
Perchlorate	32000	4000	860	2000		ug/L	N/A	06/30/06	EPA 314.0

Tt-MW2-103	**06-06-1647-4**	**06/27/06**	**Aqueous**

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chromium, Hexavalent	1.2	0.2	0.0050	1	B	ug/L	N/A	06/27/06	EPA 218.6
Perchlorate	33000	4000	860	2000		ug/L	N/A	06/30/06	EPA 314.0

Tt-MW2-1	**06-06-1647-5**	**06/27/06**	**Aqueous**

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chromium, Hexavalent	2.9	0.2	0.0050	1	B	ug/L	N/A	06/27/06	EPA 218.6
Perchlorate	4500	200	43	100		ug/L	N/A	06/30/06	EPA 314.0

Method Blank	**N/A**	**Aqueous**

Comment(s): (1) Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chromium, Hexavalent (1)	0.041	0.20	0.0050	1	J	ug/L	N/A	06/27/06	EPA 218.6
Perchlorate (1)	ND	2.0	0.43	1		ug/L	N/A	06/29/06	EPA 314.0

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/27/06
Work Order No:	06-06-1647
Preparation:	EPA 3010A Total
Method:	EPA 6010B

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Tt-MW2-3	**Aqueous**	**ICP 3300**	**06/28/06**	**06/29/06**	**060628S06**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	104	104	80-140	1	0-11	
Beryllium	109	108	89-119	0	0-8	
Cadmium	106	105	82-124	0	0-7	
Lead	106	105	84-120	1	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/27/06
Work Order No:	06-06-1647
Preparation:	EPA 3520B
Method:	EPA 8270C

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Tt-MW2-3	**Aqueous**	**GC/MS P**	**06/28/06**	**07/03/06**	**060628S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	78	69	6-138	13	0-39	
2-Chlorophenol	75	66	48-120	12	0-26	
1,4-Dichlorobenzene	61	52	13-145	15	0-26	
N-Nitroso-di-n-propylamine	80	74	60-144	8	0-40	
4-Chloro-3-Methylphenol	84	73	58-130	15	0-27	
Acenaphthene	79	71	46-136	11	0-19	
4-Nitrophenol	80	70	8-176	14	0-34	
2,4-Dinitrotoluene	64	56	54-144	13	0-17	
Pentachlorophenol	45	38	52-136	15	0-35	3
Pyrene	103	93	39-165	10	0-56	
1,2,4-Trichlorobenzene	71	60	28-136	16	0-27	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/27/06
Work Order No:	06-06-1647
Preparation:	EPA 3520B
Method:	EPA 8270C(M) Isotope Dilution

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Tt-MW2-3	**Aqueous**	**GC/MS P**	**06/28/06**	**07/03/06**	**060628S03A**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	100	103	50-130	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/27/06
Work Order No:	06-06-1647
Preparation:	EPA 3520B
Method:	EPA 1625CM

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Tt-MW2-3	**Aqueous**	**GC/MS H**	**06/29/06**	**07/06/06**	**060629S10**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
N-Nitrosodimethylamine	84	86	50-130	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/27/06
Work Order No:	06-06-1647
Preparation:	Extraction
Method:	EPA 8330

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Tt-MW2-3	**Aqueous**	**HPLC 7**	**06/28/06**	**06/30/06**	**060628S05A**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
4-Amino-2,6-DNT	80	74	40-160	8	0-20	
2-Amino-4,6-DNT	77	75	40-160	3	0-20	
1,3-Dinitrobenzene	75	79	40-160	6	0-20	
2,4-Dinitrotoluene	81	88	40-160	9	0-20	
2,6-Dinitrotoluene	79	75	40-160	6	0-20	
HMX	81	79	40-160	2	0-20	
Nitrobenzene	74	76	40-160	2	0-20	
2-Nitrotoluene	76	79	40-160	3	0-20	
3-Nitrotoluene	78	76	40-160	3	0-20	
4-Nitrotoluene	75	76	40-160	2	0-20	
RDX	75	86	40-160	14	0-20	
Tetryl	100	90	40-160	10	0-20	
1,3,5-Trinitrobenzene	74	84	40-160	12	0-20	
2,4,6-Trinitrotoluene	80	89	40-160	10	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/27/06
Work Order No:	06-06-1647
Preparation:	EPA 5030B
Method:	EPA 8260B

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Tt-MW2-1	**Aqueous**	**GC/MS R**	**06/28/06**	**06/29/06**	**060628S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	96	88-118	4	0-7	
Carbon Tetrachloride	100	98	67-145	2	0-11	
Chlorobenzene	97	97	88-118	0	0-7	
1,2-Dichlorobenzene	92	93	86-116	0	0-8	
1,1-Dichloroethene	100	102	70-130	2	0-25	
Toluene	100	97	87-123	3	0-8	
Trichloroethene	99	94	79-127	4	0-10	
Vinyl Chloride	74	79	69-129	7	0-13	
Methyl-t-Butyl Ether (MTBE)	105	105	71-131	0	0-13	
Tert-Butyl Alcohol (TBA)	116	112	36-168	3	0-45	
Diisopropyl Ether (DIPE)	111	108	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	108	109	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	112	109	72-126	3	0-12	
Ethanol	104	96	53-149	7	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/27/06
Work Order No:	06-06-1647
Preparation:	EPA 5030B
Method:	EPA 8260B

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Tt-MW2-3	**Aqueous**	**GC/MS Z**	**06/30/06**	**06/30/06**	**060630S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	100	88-118	2	0-7	
Carbon Tetrachloride	117	119	67-145	2	0-11	
Chlorobenzene	100	99	88-118	1	0-7	
1,2-Dichlorobenzene	96	95	86-116	2	0-8	
1,1-Dichloroethene	105	105	70-130	0	0-25	
Toluene	102	100	87-123	2	0-8	
Trichloroethene	102	101	79-127	1	0-10	
Vinyl Chloride	92	97	69-129	6	0-13	
Methyl-t-Butyl Ether (MTBE)	103	104	71-131	0	0-13	
Tert-Butyl Alcohol (TBA)	93	98	36-168	5	0-45	
Diisopropyl Ether (DIPE)	121	122	81-123	0	0-9	
Ethyl-t-Butyl Ether (ETBE)	104	106	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	110	108	72-126	2	0-12	
Ethanol	94	93	53-149	0	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/27/06
Work Order No:	06-06-1647
Preparation:	EPA 5030B
Method:	SRL 524M-TCP

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Tt-MW2-3	**Aqueous**	**GC/MS M**	**06/29/06**	**06/29/06**	**060629S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	72	80	80-120	11	0-20	3
1,4-Dioxane	97	108	80-120	11	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: N/A
Work Order No: 06-06-1647

Project: LMC Beaumont Site 2 / TC #18089-02

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	EPA 218.6	Tt-MW2-3	06/27/06	N/A	102	101	85-121	1	0-4	
Perchlorate	EPA 314.0	Tt-MW2-3	06/30/06	N/A	100	99	80-120	0	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-003-6,246	**Aqueous**	**ICP 3300**	**06/29/06**	**060628-I-06**	**060628L06**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Arsenic	0.500	0.504	101	80-120	
Beryllium	0.500	0.519	104	80-120	
Cadmium	0.500	0.526	105	80-120	
Lead	0.500	0.534	107	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	N/A
Work Order No:	06-06-1647
Preparation:	EPA 3520B
Method:	EPA 8270C

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-003-1,959	**Aqueous**	**GC/MS P**	**06/28/06**	**06/30/06**	**060628L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	77	81	4-142	6	0-24	
2-Chlorophenol	75	80	53-113	6	0-17	
1,4-Dichlorobenzene	51	50	50-122	2	0-19	
N-Nitroso-di-n-propylamine	76	78	56-146	2	0-22	
4-Chloro-3-Methylphenol	80	81	55-121	1	0-18	
Acenaphthene	70	71	55-139	1	0-17	
4-Nitrophenol	70	70	1-145	1	0-29	
2,4-Dinitrotoluene	62	60	41-161	4	0-22	
Pentachlorophenol	51	49	34-130	2	0-23	
Pyrene	82	88	38-170	7	0-27	
1,2,4-Trichlorobenzene	57	59	49-121	3	0-19	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C(M) Isotope Dilution

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-004-605	**Aqueous**	**GC/MS P**	**06/28/06**	**06/30/06**	**060628L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	96	96	50-130	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 1625CM

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-07-027-254	**Aqueous**	**GC/MS H**	**06/29/06**	**07/06/06**	**060629L10**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
N-Nitrosodimethylamine	55	51	50-130	8	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	Extraction
		Method:	EPA 8330

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-032-39	**Aqueous**	**HPLC 7**	**06/28/06**	**06/30/06**	**060628L05**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
4-Amino-2,6-DNT	82	91	40-160	10	0-20	
2-Amino-4,6-DNT	85	90	40-160	5	0-20	
1,3-Dinitrobenzene	84	88	40-160	4	0-20	
2,4-Dinitrotoluene	92	98	40-160	6	0-20	
2,6-Dinitrotoluene	87	88	40-160	1	0-20	
HMX	91	95	40-160	4	0-20	
Nitrobenzene	83	88	40-160	7	0-20	
2-Nitrotoluene	86	92	40-160	7	0-20	
3-Nitrotoluene	85	89	40-160	4	0-20	
4-Nitrotoluene	84	90	40-160	8	0-20	
RDX	82	86	40-160	5	0-20	
Tetryl	97	107	40-160	10	0-20	
1,3,5-Trinitrobenzene	94	98	40-160	4	0-20	
2,4,6-Trinitrotoluene	95	97	40-160	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-18,408	**Aqueous**	**GC/MS R**	**06/28/06**	**06/29/06**	**060628L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	98	84-120	3	0-8	
Carbon Tetrachloride	97	97	63-147	0	0-10	
Chlorobenzene	91	95	89-119	4	0-7	
1,2-Dichlorobenzene	91	94	89-119	3	0-9	
1,1-Dichloroethene	102	103	77-125	1	0-16	
Toluene	96	97	83-125	1	0-9	
Trichloroethene	96	96	89-119	0	0-8	
Vinyl Chloride	80	80	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	102	106	82-118	4	0-13	
Tert-Butyl Alcohol (TBA)	107	104	46-154	3	0-32	
Diisopropyl Ether (DIPE)	106	112	81-123	6	0-11	
Ethyl-t-Butyl Ether (ETBE)	106	114	74-122	7	0-12	
Tert-Amyl-Methyl Ether (TAME)	107	112	76-124	4	0-10	
Ethanol	94	94	60-138	0	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-18,422	**Aqueous**	**GC/MS Z**	**06/30/06**	**06/30/06**	**060630L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	106	103	84-120	2	0-8	
Carbon Tetrachloride	128	126	63-147	2	0-10	
Chlorobenzene	103	102	89-119	1	0-7	
1,2-Dichlorobenzene	97	95	89-119	1	0-9	
1,1-Dichloroethene	114	108	77-125	5	0-16	
Toluene	106	104	83-125	2	0-9	
Trichloroethene	108	105	89-119	2	0-8	
Vinyl Chloride	101	100	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	99	98	82-118	1	0-13	
Tert-Butyl Alcohol (TBA)	110	107	46-154	3	0-32	
Diisopropyl Ether (DIPE)	118	117	81-123	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	100	100	74-122	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	105	104	76-124	1	0-10	
Ethanol	100	93	60-138	7	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1647
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	SRL 524M-TCP

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-022-243	**Aqueous**	**GC/MS M**	**06/29/06**	**06/29/06**	**060629L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	81	80	80-120	1	0-20	
1,4-Dioxane	96	98	80-120	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: N/A
Work Order No: 06-06-1647

Project: LMC Beaumont Site 2 / TC #18089-02

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Chromium, Hexavalent	EPA 218.6	099-05-124-491	N/A	06/27/06	100	100	95-107	0	0-20	
Perchlorate	EPA 314.0	099-05-203-425	N/A	06/29/06	96	97	85-115	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-06-1647

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: Calscience (via courier)

CHAIN OF CUSTODY RECORD (1647)

DATE 06/27/2006 PAGE 1 OF 1

CLIENT: Tetra Tech
PROJECT NAME: LMC Beaumont Site 2
PROJECT MANAGER: Brenda Meyer
TC #: 18089-02
SAMPLERS (Signatures)

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS: Report all data to the MDL

PARAMETERS

LINE ITEM	SAMPLE NO.	DATE	TIME	VOCs + TIC Search (SW8260B)	Perchlorate (314.0)	1,4-Dioxane (SW8270C Mod)	RDX (8330)	NDMA (1625C Mod)	1,2,3-TCP (EPA 524 Mod)	Total As, Be, Cd, Pb (6010B)	Dissolved As, Be, Cd, Pb (6010B)	Hex Chrome (218.6)						FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	LTB-062706	06/27/2006	0600	X														Un	W	G	2	HCl	
2.	LEB-062706-GP	↓	0715	X	X	X	X	X	X	X	X	X						F/Un	W	G/P	36	HCl/H_2SO_4	
3.	T7-MW2-3	↓	0941	X	X	X	X	X	X	X	X	X						↑	↑	↑	12	↑	Includes MS/MSD
4.	T7-MW2-103	↓	0956	X	X	X	X	X	X	X	X	X						↓	↓	↓	↓	↓	
5.	T7-MW2-1	↓	1220	X	X	X	X	X	X	X	X	X						↓	↓	↓	↓	↓	
6.																							
7.																							
8.																							
9.																							
10.																							

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NR (None required); NaOH; H_2SO_4

RELINQUISHED BY	SIGNATURE		DATE	TIME	
David Bertolacci		TETRA TECH, INC.	06/27/2006	1430	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 74
RECEIVED BY: Leonardo Maciy		COMPANY: CEL	DATE: 6/27/06	TIME: 1622	METHOD OF SHIPMENT/SHIPMENT NO.: Courier
RELINQUISHED BY: Leo Maciy		COMPANY: CEL	DATE: 6/27/06	TIME: 1835	Special Shipping/Handling/Storage Requirements:
RECEIVED BY: Sheri Lema		COMPANY: CEL	DATE: 6-27-06	TIME: 1835	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 06 - 1647

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Tetra Tech

DATE: 6/27/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
✓ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

3.4 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: LM

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: LM

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: LM

COMMENTS:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 0 6 - 1 6 4 7

Cooler 2 of 2

SAMPLE RECEIPT FORM

CLIENT: Tetra Tech DATE: 6/27/06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
✓ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.

3.4 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: LM

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: LM

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: LM

COMMENTS:

Calscience Environmental Laboratories, Inc.

Supplemental Report 1

July 18, 2006

Brenda Meyer
Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Subject: **Calscience Work Order No.: 06-06-1560**
Client Reference: LMC Beaumont Site 2 / TC #18089-02

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/26/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jason Torres
Project Manager

Calscience Environmental Laboratories, Inc.

Case Narrative for 06-06-1560

Revised Report

The Tentatively Identified Compound (TIC) report for EPA 8270C in the original report had an incorrect Estimated Concentration value for Sulfur reported at 9.2ug/L. The correct Estimated Concentration for Sulfur is 18.4ug/L as reflected in the following revised report.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX:(714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3005A Filt.
		Method:	EPA 6010B
		Units:	mg/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-6D	**06-06-1560-2**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	0.0126	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-6S	**06-06-1560-3**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3010A Total
		Method:	EPA 6010B
		Units:	mg/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-6D	**06-06-1560-2**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	0.0127	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-6S	**06-06-1560-3**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/26/06**	**06/28/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

Method Blank	**097-01-003-6,239**	**N/A**	**Aqueous**	**06/26/06**	**06/27/06**	**060626L06**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Arsenic	ND	0.0100	0.00308	1		Cadmium	ND	0.00500	0.000350	1	
Beryllium	ND	0.00100	0.000176	1		Lead	ND	0.0100	0.00236	1	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	N/A
		Method:	EPA 218.6

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**N/A**	**06/26/06**	**060626L01**

Parameter	Result	RL	MDL	DF	Qual	Units
Chromium, Hexavalent	1.0	0.2	0.0050	1	B	ug/L

Method Blank	**099-05-124-489**	**N/A**	**Aqueous**	**N/A**	**06/26/06**	**060626L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Chromium, Hexavalent	0.032	0.20	0.0050	1	J	ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	N/A
		Method:	EPA 314.0

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-6D	**06-06-1560-2**	**06/26/06**	**Aqueous**	**N/A**	**06/29/06**	**060629L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Perchlorate	0.54	2.0	0.43	1	J	ug/L

Tt-MW2-6S	**06-06-1560-3**	**06/26/06**	**Aqueous**	**N/A**	**06/30/06**	**060629L01**

Parameter	Result	RL	MDL	DF	Qual	Units
Perchlorate	270	20	4.3	10		ug/L

Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**N/A**	**06/30/06**	**060629L01**

Parameter	Result	RL	MDL	DF	Qual	Units
Perchlorate	890	200	43	100		ug/L

Method Blank	**099-05-203-425**	**N/A**	**Aqueous**	**N/A**	**06/29/06**	**060629L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
Perchlorate	ND	2.0	0.43	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.1	1		4-Nitrophenol	ND	10	0.86	1	
Aniline	ND	10	1.2	1		Dibenzofuran	ND	10	1.4	1	
Phenol	ND	10	1.2	1		2,4-Dinitrotoluene	ND	10	1.0	1	
Bis(2-Chloroethyl) Ether	ND	25	1.0	1		2,6-Dinitrotoluene	ND	10	1.1	1	
2-Chlorophenol	ND	10	1.0	1		Diethyl Phthalate	ND	10	1.4	1	
1,3-Dichlorobenzene	ND	10	1.2	1		4-Chlorophenyl-Phenyl Ether	ND	10	1.2	1	
1,4-Dichlorobenzene	ND	10	1.1	1		Fluorene	ND	10	1.4	1	
Benzyl Alcohol	ND	10	1.0	1		4-Nitroaniline	ND	10	2.4	1	
1,2-Dichlorobenzene	ND	10	1.1	1		Azobenzene	ND	10	1.7	1	
2-Methylphenol	ND	10	1.1	1		4,6-Dinitro-2-Methylphenol	ND	50	3.4	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1.5	1		N-Nitrosodiphenylamine	ND	10	1.4	1	
3/4-Methylphenol	ND	10	1.0	1		4-Bromophenyl-Phenyl Ether	ND	10	1.2	1	
N-Nitroso-di-n-propylamine	ND	10	1.3	1		Hexachlorobenzene	ND	10	1.2	1	
Hexachloroethane	ND	10	0.98	1		Pentachlorophenol	ND	10	0.75	1	
Nitrobenzene	ND	25	1.3	1		Phenanthrene	ND	10	1.5	1	
Isophorone	ND	10	1.2	1		Anthracene	ND	10	1.5	1	
2-Nitrophenol	ND	10	1.2	1		Di-n-Butyl Phthalate	ND	10	1.5	1	
2,4-Dimethylphenol	ND	10	1.2	1		Fluoranthene	ND	10	1.5	1	
Benzoic Acid	ND	50	0.43	1		Benzidine	ND	50	0.62	1	
Bis(2-Chloroethoxy) Methane	ND	10	1.2	1		Pyrene	ND	10	1.4	1	
2,4-Dichlorophenol	ND	10	1.1	1		Pyridine	ND	10	1.4	1	
Naphthalene	ND	10	1.4	1		Butyl Benzyl Phthalate	ND	10	1.0	1	
4-Chloroaniline	ND	10	1.3	1		3,3'-Dichlorobenzidine	ND	25	1.3	1	
Hexachloro-1,3-Butadiene	ND	10	1.2	1		Benzo (a) Anthracene	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	10	1.2	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1.0	1	
2-Methylnaphthalene	ND	10	1.2	1		Chrysene	ND	10	1.3	1	
Hexachlorocyclopentadiene	ND	25	0.44	1		Di-n-Octyl Phthalate	ND	10	1.0	1	
2,4,6-Trichlorophenol	ND	10	1.2	1		Benzo (k) Fluoranthene	ND	10	1.7	1	
2,4,5-Trichlorophenol	ND	10	0.97	1		Benzo (b) Fluoranthene	ND	10	1.2	1	
2-Chloronaphthalene	ND	10	1.3	1		Benzo (a) Pyrene	ND	10	0.88	1	
2-Nitroaniline	ND	10	1.0	1		Benzo (g,h,i) Perylene	ND	10	0.71	1	
Dimethyl Phthalate	ND	10	1.3	1		Indeno (1,2,3-c,d) Pyrene	ND	10	0.83	1	
Acenaphthylene	ND	10	1.4	1		Dibenz (a,h) Anthracene	ND	10	0.82	1	
3-Nitroaniline	ND	10	1.2	1		1-Methylnaphthalene	ND	10	1.4	1	
Acenaphthene	ND	10	1.4	1		1,2,4-Trichlorobenzene	ND	10	1.3	1	
2,4-Dinitrophenol	ND	50	2.6	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	74	7-121		Phenol-d6	19	1-127	
Nitrobenzene-d5	77	50-146		2-Fluorobiphenyl	75	42-138	
2,4,6-Tribromophenol	59	41-137		p-Terphenyl-d14	97	47-173	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-003-1,959**	**N/A**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
N-Nitrosodimethylamine	ND	10	1.1	1		4-Nitrophenol	ND	10	0.86	1	
Aniline	ND	10	1.2	1		Dibenzofuran	ND	10	1.4	1	
Phenol	ND	10	1.2	1		2,4-Dinitrotoluene	ND	10	1.0	1	
Bis(2-Chloroethyl) Ether	ND	25	1.0	1		2,6-Dinitrotoluene	ND	10	1.1	1	
2-Chlorophenol	ND	10	1.0	1		Diethyl Phthalate	ND	10	1.4	1	
1,3-Dichlorobenzene	ND	10	1.2	1		4-Chlorophenyl-Phenyl Ether	ND	10	1.2	1	
1,4-Dichlorobenzene	ND	10	1.1	1		Fluorene	ND	10	1.4	1	
Benzyl Alcohol	ND	10	1.0	1		4-Nitroaniline	ND	10	2.4	1	
1,2-Dichlorobenzene	ND	10	1.1	1		Azobenzene	ND	10	1.7	1	
2-Methylphenol	ND	10	1.1	1		4,6-Dinitro-2-Methylphenol	ND	50	3.4	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1.5	1		N-Nitrosodiphenylamine	ND	10	1.4	1	
3/4-Methylphenol	ND	10	1.0	1		4-Bromophenyl-Phenyl Ether	ND	10	1.2	1	
N-Nitroso-di-n-propylamine	ND	10	1.3	1		Hexachlorobenzene	ND	10	1.2	1	
Hexachloroethane	ND	10	0.98	1		Pentachlorophenol	ND	10	0.75	1	
Nitrobenzene	ND	25	1.3	1		Phenanthrene	ND	10	1.5	1	
Isophorone	ND	10	1.2	1		Anthracene	ND	10	1.5	1	
2-Nitrophenol	ND	10	1.2	1		Di-n-Butyl Phthalate	ND	10	1.5	1	
2,4-Dimethylphenol	ND	10	1.2	1		Fluoranthene	ND	10	1.5	1	
Benzoic Acid	ND	50	0.43	1		Benzidine	ND	50	0.62	1	
Bis(2-Chloroethoxy) Methane	ND	10	1.2	1		Pyrene	ND	10	1.4	1	
2,4-Dichlorophenol	ND	10	1.1	1		Pyridine	ND	10	1.4	1	
Naphthalene	ND	10	1.4	1		Butyl Benzyl Phthalate	ND	10	1.0	1	
4-Chloroaniline	ND	10	1.3	1		3,3'-Dichlorobenzidine	ND	25	1.3	1	
Hexachloro-1,3-Butadiene	ND	10	1.2	1		Benzo (a) Anthracene	ND	10	1.1	1	
4-Chloro-3-Methylphenol	ND	10	1.2	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1.0	1	
2-Methylnaphthalene	ND	10	1.2	1		Chrysene	ND	10	1.3	1	
Hexachlorocyclopentadiene	ND	25	0.44	1		Di-n-Octyl Phthalate	ND	10	1.0	1	
2,4,6-Trichlorophenol	ND	10	1.2	1		Benzo (k) Fluoranthene	ND	10	1.7	1	
2,4,5-Trichlorophenol	ND	10	0.97	1		Benzo (b) Fluoranthene	ND	10	1.2	1	
2-Chloronaphthalene	ND	10	1.3	1		Benzo (a) Pyrene	ND	10	0.88	1	
2-Nitroaniline	ND	10	1.0	1		Benzo (g,h,i) Perylene	ND	10	0.71	1	
Dimethyl Phthalate	ND	10	1.3	1		Indeno (1,2,3-c,d) Pyrene	ND	10	0.83	1	
Acenaphthylene	ND	10	1.4	1		Dibenz (a,h) Anthracene	ND	10	0.82	1	
3-Nitroaniline	ND	10	1.2	1		1-Methylnaphthalene	ND	10	1.4	1	
Acenaphthene	ND	10	1.4	1		1,2,4-Trichlorobenzene	ND	10	1.3	1	
2,4-Dinitrophenol	ND	50	2.6	1							

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
2-Fluorophenol	63	7-121		Phenol-d6	64	1-127	
Nitrobenzene-d5	59	50-146		2-Fluorobiphenyl	52	42-138	
2,4,6-Tribromophenol	53	41-137		p-Terphenyl-d14	99	47-173	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA 8270C Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	CAS NUMBER	RT	On Column Conc. ug/L	Estimated Conc. ug/L
06-06-1560	4	Tt-MW2-5		Sulfur	13798-23-7	11.91	9.20	18.4

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C(M) Isotope Dilution

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/28/06**	**07/03/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,4-Dioxane	ND	2.0	0.40	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	77	56-123	

Method Blank	**099-09-004-605**	**N/A**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,4-Dioxane	ND	2.0	0.40	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	60	56-123	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 1625CM

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/29/06**	**07/06/06**	**060629L10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	0.48	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	51	50-130	

Method Blank	**099-07-027-254**	**N/A**	**Aqueous**	**06/29/06**	**07/06/06**	**060629L10**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
N-Nitrosodimethylamine	ND	2.0	0.48	1		ng/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Dichlorobenzene-d4	53	50-130	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	Extraction
		Method:	EPA 8330

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L05**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
RDX	ND	10	1.3	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,2-Dinitrobenzene	90	40-160	

Method Blank	**099-10-032-39**	**N/A**	**Aqueous**	**06/28/06**	**06/30/06**	**060628L05**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
RDX	ND	10	1.3	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,2-Dinitrobenzene	89	40-160	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 1 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LTB-062606	**06-06-1560-1**	**06/26/06**	**Aqueous**	**06/27/06**	**06/28/06**	**060627L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	10	6.1	1		1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	4.5	10.0	2.6	1	J
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	111	74-140		1,2-Dichloroethane-d4	118	74-146	
Toluene-d8	92	88-112		1,4-Bromofluorobenzene	85	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 2 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-6D	**06-06-1560-2**	**06/26/06**	**Aqueous**	**06/27/06**	**06/28/06**	**060627L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.2	10.0	6.1	1	J	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	ND	10	2.6	1	
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	74-140		1,2-Dichloroethane-d4	113	74-146	
Toluene-d8	94	88-112		1,4-Bromofluorobenzene	85	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 3 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-6S	**06-06-1560-3**	**06/26/06**	**Aqueous**	**06/27/06**	**06/28/06**	**060627L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	7.3	10.0	6.1	1	J	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	ND	10	2.6	1	
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	0.97	1.0	0.35	1	J
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	74-140		1,2-Dichloroethane-d4	112	74-146	
Toluene-d8	97	88-112		1,4-Bromofluorobenzene	85	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 4 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/27/06**	**06/28/06**	**060627L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	6.3	10.0	6.1	1	J	1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	ND	10	2.6	1	
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	1.2	10.0	1.0	1	J	Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	1.1	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	74-140		1,2-Dichloroethane-d4	110	74-146	
Toluene-d8	95	88-112		1,4-Bromofluorobenzene	86	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC Beaumont Site 2 / TC #18089-02			Page 5 of 5

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-18,386**	**N/A**	**Aqueous**	**06/27/06**	**06/28/06**	**060627L03**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	10	6.1	1		1,3-Dichloropropane	ND	1.0	0.30	1	
Benzene	ND	0.50	0.26	1		2,2-Dichloropropane	ND	1.0	0.40	1	
Bromobenzene	ND	1.0	0.47	1		1,1-Dichloropropene	ND	1.0	0.21	1	
Bromochloromethane	ND	1.0	0.68	1		c-1,3-Dichloropropene	ND	0.50	0.45	1	
Bromodichloromethane	ND	1.0	0.27	1		t-1,3-Dichloropropene	ND	0.50	0.31	1	
Bromoform	ND	1.0	0.62	1		Ethylbenzene	ND	1.0	0.17	1	
Bromomethane	ND	10	2.9	1		2-Hexanone	ND	10	1.9	1	
2-Butanone	ND	10	4.2	1		Isopropylbenzene	ND	1.0	0.24	1	
n-Butylbenzene	ND	1.0	0.29	1		p-Isopropyltoluene	ND	1.0	0.21	1	
sec-Butylbenzene	ND	1.0	0.21	1		Methylene Chloride	ND	10	2.6	1	
tert-Butylbenzene	ND	1.0	0.17	1		4-Methyl-2-Pentanone	ND	10	2.4	1	
Carbon Disulfide	ND	10	1.0	1		Naphthalene	ND	10	0.95	1	
Carbon Tetrachloride	ND	0.50	0.42	1		n-Propylbenzene	ND	1.0	0.30	1	
Chlorobenzene	ND	1.0	0.36	1		Styrene	ND	1.0	0.29	1	
Chloroethane	ND	1.0	0.52	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloroform	ND	1.0	0.22	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.37	1	
Chloromethane	ND	10	1.8	1		Tetrachloroethene	ND	1.0	0.29	1	
2-Chlorotoluene	ND	1.0	0.24	1		Toluene	ND	1.0	0.35	1	
4-Chlorotoluene	ND	1.0	0.30	1		1,2,3-Trichlorobenzene	ND	1.0	0.39	1	
Dibromochloromethane	ND	1.0	0.45	1		1,2,4-Trichlorobenzene	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.5	1		1,1,1-Trichloroethane	ND	1.0	0.32	1	
1,2-Dibromoethane	ND	1.0	0.81	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.54	1	
Dibromomethane	ND	1.0	0.42	1		1,1,2-Trichloroethane	ND	1.0	0.54	1	
1,2-Dichlorobenzene	ND	1.0	0.24	1		Trichloroethene	ND	1.0	0.30	1	
1,3-Dichlorobenzene	ND	1.0	0.38	1		Trichlorofluoromethane	ND	10	0.36	1	
1,4-Dichlorobenzene	ND	1.0	0.30	1		1,2,3-Trichloropropane	ND	5.0	2.3	1	
Dichlorodifluoromethane	ND	1.0	0.27	1		1,2,4-Trimethylbenzene	ND	1.0	0.26	1	
1,1-Dichloroethane	ND	1.0	0.53	1		1,3,5-Trimethylbenzene	ND	1.0	0.19	1	
1,2-Dichloroethane	ND	0.50	0.22	1		Vinyl Acetate	ND	10	3.2	1	
1,1-Dichloroethene	ND	1.0	0.31	1		Vinyl Chloride	ND	0.50	0.33	1	
c-1,2-Dichloroethene	ND	1.0	0.35	1		p/m-Xylene	ND	1.0	0.38	1	
t-1,2-Dichloroethene	ND	1.0	0.29	1		o-Xylene	ND	1.0	0.21	1	
1,2-Dichloropropane	ND	1.0	0.28	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.29	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	74-140		1,2-Dichloroethane-d4	111	74-146	
Toluene-d8	94	88-112		1,4-Bromofluorobenzene	87	74-110	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

EPA 8260B Tentatively Identified Compound List

Work Order	CEL Sample	Client ID	Q	Compound	CAS NUMBER	RT	On Column Conc. ug/L	Estimated Conc. ug/L
06-06-1560				No TICs found for all samples				

Q Qualifier
RT Retention Time

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	06/26/06
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	SRL 524M-TCP

Project: LMC Beaumont Site 2 / TC #18089-02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Tt-MW2-6D	**06-06-1560-2**	**06/26/06**	**Aqueous**	**06/28/06**	**06/28/06**	**060628L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	0.0018	0.0050	0.0017	1	J,B	ug/L

Tt-MW2-6S	**06-06-1560-3**	**06/26/06**	**Aqueous**	**06/28/06**	**06/28/06**	**060628L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	ND	0.0050	0.0017	1		ug/L

Tt-MW2-5	**06-06-1560-4**	**06/26/06**	**Aqueous**	**06/28/06**	**06/28/06**	**060628L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	0.0018	0.0050	0.0017	1	J,B	ug/L

Method Blank	**099-10-022-244**	**N/A**	**Aqueous**	**06/28/06**	**06/28/06**	**060628L01**

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Units
1,2,3-Trichloropropane	0.0019	0.0050	0.0017	1	J	ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	EPA 3010A Total
Method:	EPA 6010B

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1498-10	**Aqueous**	**ICP 3300**	**06/26/06**	**06/27/06**	**060626S06**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	110	109	80-140	1	0-11	
Beryllium	107	106	89-119	1	0-8	
Cadmium	108	107	82-124	1	0-7	
Lead	107	106	84-120	1	0-7	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	N/A
Method:	EPA 218.6

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Tt-MW2-6D	**Aqueous**	**IC 5**	**N/A**	**06/26/06**	**060626S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	103	102	85-121	1	0-4	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	N/A
Method:	EPA 314.0

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1647-3	**Aqueous**	**IC 6**	**N/A**	**06/30/06**	**060629S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Perchlorate	100	99	80-120	0	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	EPA 3520B
Method:	EPA 8270C

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1647-3	**Aqueous**	**GC/MS P**	**06/28/06**	**07/03/06**	**060628S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	78	69	6-138	13	0-39	
2-Chlorophenol	75	66	48-120	12	0-26	
1,4-Dichlorobenzene	61	52	13-145	15	0-26	
N-Nitroso-di-n-propylamine	80	74	60-144	8	0-40	
4-Chloro-3-Methylphenol	84	73	58-130	15	0-27	
Acenaphthene	79	71	46-136	11	0-19	
4-Nitrophenol	80	70	8-176	14	0-34	
2,4-Dinitrotoluene	64	56	54-144	13	0-17	
Pentachlorophenol	45	38	52-136	15	0-35	3
Pyrene	103	93	39-165	10	0-56	
1,2,4-Trichlorobenzene	71	60	28-136	16	0-27	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	EPA 3520B
Method:	EPA 8270C(M) Isotope Dilution

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1647-3	**Aqueous**	**GC/MS P**	**06/28/06**	**07/03/06**	**060628S03A**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	100	103	50-130	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	Extraction
Method:	EPA 8330

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1354-5	**Aqueous**	**HPLC 7**	**06/28/06**	**06/30/06**	**060628S05**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
4-Amino-2,6-DNT	79	87	40-160	9	0-20	
2-Amino-4,6-DNT	81	85	40-160	5	0-20	
1,3-Dinitrobenzene	81	86	40-160	6	0-20	
2,4-Dinitrotoluene	89	93	40-160	5	0-20	
2,6-Dinitrotoluene	82	84	40-160	2	0-20	
HMX	82	87	40-160	6	0-20	
Nitrobenzene	81	87	40-160	6	0-20	
2-Nitrotoluene	88	91	40-160	3	0-20	
3-Nitrotoluene	82	83	40-160	1	0-20	
4-Nitrotoluene	83	88	40-160	5	0-20	
RDX	80	90	40-160	12	0-20	
Tetryl	104	109	40-160	5	0-20	
1,3,5-Trinitrobenzene	90	90	40-160	0	0-20	
2,4,6-Trinitrotoluene	88	96	40-160	9	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	EPA 5030B
Method:	EPA 8260B

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1423-37	**Aqueous**	**GC/MS T**	**06/27/06**	**06/28/06**	**060627S03**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	93	88-118	1	0-7	
Carbon Tetrachloride	104	103	67-145	1	0-11	
Chlorobenzene	100	100	88-118	0	0-7	
1,2-Dichlorobenzene	100	100	86-116	1	0-8	
1,1-Dichloroethene	86	88	70-130	3	0-25	
Toluene	101	100	87-123	2	0-8	
Trichloroethene	99	97	79-127	2	0-10	
Vinyl Chloride	78	82	69-129	5	0-13	
Methyl-t-Butyl Ether (MTBE)	96	99	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	123	103	36-168	18	0-45	
Diisopropyl Ether (DIPE)	88	88	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	90	93	72-126	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	101	102	72-126	1	0-12	
Ethanol	87	96	53-149	9	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	06/26/06
Work Order No:	06-06-1560
Preparation:	EPA 5030B
Method:	SRL 524M-TCP

Project LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-06-1619-1	**Aqueous**	**GC/MS M**	**06/28/06**	**06/28/06**	**060628S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	86	98	80-120	14	0-20	
1,4-Dioxane	100	107	80-120	7	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3010A Total
		Method:	EPA 6010B

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-6,239	**Aqueous**	**ICP 3300**	**06/26/06**	**06/27/06**	**060626L06**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Arsenic	103	98	80-120	5	0-20	
Beryllium	100	108	80-120	7	0-20	
Cadmium	106	106	80-120	0	0-20	
Lead	104	109	80-120	5	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	N/A
		Method:	EPA 218.6

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-124-489	**Aqueous**	**IC 5**	**N/A**	**06/26/06**	**060626L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	100	99	95-107	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	N/A
		Method:	EPA 314.0

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-203-425	**Aqueous**	**IC 6**	**N/A**	**06/29/06**	**060629L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Perchlorate	96	97	85-115	1	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	N/A
Work Order No:	06-06-1560
Preparation:	EPA 3520B
Method:	EPA 8270C

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-003-1,959	**Aqueous**	**GC/MS P**	**06/28/06**	**06/30/06**	**060628L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	77	81	4-142	6	0-24	
2-Chlorophenol	75	80	53-113	6	0-17	
1,4-Dichlorobenzene	51	50	50-122	2	0-19	
N-Nitroso-di-n-propylamine	76	78	56-146	2	0-22	
4-Chloro-3-Methylphenol	80	81	55-121	1	0-18	
Acenaphthene	70	71	55-139	1	0-17	
4-Nitrophenol	70	70	1-145	1	0-29	
2,4-Dinitrotoluene	62	60	41-161	4	0-22	
Pentachlorophenol	51	49	34-130	2	0-23	
Pyrene	82	88	38-170	7	0-27	
1,2,4-Trichlorobenzene	57	59	49-121	3	0-19	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 8270C(M) Isotope Dilution

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-004-605	**Aqueous**	**GC/MS P**	**06/28/06**	**06/30/06**	**060628L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	96	96	50-130	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 3520B
		Method:	EPA 1625CM

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-07-027-254	**Aqueous**	**GC/MS H**	**06/29/06**	**07/06/06**	**060629L10**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
N-Nitrosodimethylamine	55	51	50-130	8	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	Extraction
		Method:	EPA 8330

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-032-39	**Aqueous**	**HPLC 7**	**06/28/06**	**06/30/06**	**060628L05**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
4-Amino-2,6-DNT	82	91	40-160	10	0-20	
2-Amino-4,6-DNT	85	90	40-160	5	0-20	
1,3-Dinitrobenzene	84	88	40-160	4	0-20	
2,4-Dinitrotoluene	92	98	40-160	6	0-20	
2,6-Dinitrotoluene	87	88	40-160	1	0-20	
HMX	91	95	40-160	4	0-20	
Nitrobenzene	83	88	40-160	7	0-20	
2-Nitrotoluene	86	92	40-160	7	0-20	
3-Nitrotoluene	85	89	40-160	4	0-20	
4-Nitrotoluene	84	90	40-160	8	0-20	
RDX	82	86	40-160	5	0-20	
Tetryl	97	107	40-160	10	0-20	
1,3,5-Trinitrobenzene	94	98	40-160	4	0-20	
2,4,6-Trinitrotoluene	95	97	40-160	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Tetra Tech, Inc.		Date Received:	N/A
348 West Hospitality Lane, Ste 100		Work Order No:	06-06-1560
San Bernardino, CA 92408-3216		Preparation:	EPA 5030B
		Method:	SRL 524M-TCP

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-10-022-244	**Aqueous**	**GC/MS M**	**06/28/06**	**28JUN003.rr**	**060628L01**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
1,2,3-Trichloropropane	0.020	0.020	101	80-120	
1,4-Dioxane	20	20	100	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received:	N/A
Work Order No:	06-06-1560
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: LMC Beaumont Site 2 / TC #18089-02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-18,386	**Aqueous**	**GC/MS T**	**06/27/06**	**06/28/06**	**060627L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	91	84-120	1	0-8	
Carbon Tetrachloride	102	102	63-147	1	0-10	
Chlorobenzene	97	96	89-119	1	0-7	
1,2-Dichlorobenzene	100	99	89-119	1	0-9	
1,1-Dichloroethene	88	89	77-125	2	0-16	
Toluene	99	96	83-125	2	0-9	
Trichloroethene	95	95	89-119	1	0-8	
Vinyl Chloride	80	80	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	96	98	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	85	83	46-154	2	0-32	
Diisopropyl Ether (DIPE)	88	90	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	92	95	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	100	100	76-124	0	0-10	
Ethanol	86	88	60-138	2	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 06-06-1560

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: Calscience (via courier)

CHAIN OF CUSTODY RECORD

06-06-1560

DATE 06/26/2006 PAGE 1 OF 1

CLIENT: Tetra Tech
PROJECT NAME: LMC Beaumont Site 2
PROJECT MANAGER: Brenda Meyer
TC #: 18089-02
SAMPLERS (Signatures)

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS: Report all data to the MDL

PARAMETERS

LINE ITEM	SAMPLE NO.	DATE	TIME	VOCs + TIC search (SW8260B)	Perchlorate (314.0)	1,4-Dioxane (SW8270C mod)	RDX (8330)	NDMA (1625C mod)	1,2,3-TCP (524 mod)	Hex Chrome (218.6)	As, Pb, Be, Cd (6010B)							FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE
1.	LTB-062606	06/26/2006	0600	X														Un	W	G	2	HCl
2.	T+-MW2-6D	↓	0845	X	X	X	X	X	X	X	X							~~F~~ Un	W	G/P	12	HCl / $Na_2S_2O_3$
3.	T+-MW2-6S		1016	X	X	X	X	X	X	X	X							↓	↓	↓	↓	↓
4.	T+-MW2-5	↓	1212	X	X	X	X	X	X	X	X							↓	↓	↓	↓	↓
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE:
S - Soil
M - Sediment
W - Water

CONTAINER TYPE:
G - Glass Bottle/Jar
SS - Stainless Steel Sleeve
SB - Brass Sleeve
P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only)
HCL
NR (None required)
NaOH
H_2SO_4

RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME
David Bertolacci		TETRA TECH, INC.	06/26/2006	1430
RECEIVED BY: BAC TA		CEL	6/26/6	1450
RELINQUISHED BY: BAC TA		CEL	6/26/6	1630
RECEIVED BY: Hien Lo		CEL	6/26/06	1630

TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 38

METHOD OF SHIPMENT/SHIPMENT NO.: courier

Special Shipping/Handling/Storage Requirements:

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 06 - 0 6 - 1 5 6 0

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Tetra Tech **DATE:** 6/26/6

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ____ Chilled, cooler with temperature blank provided.
- ____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- ____ Ambient and placed in cooler with wet ice.
- ____ Ambient temperature.
- 7.0 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- ____ °C Temperature blank.
- ____ °C IR thermometer.
- ____ Ambient temperature.

Initial: [illegible]

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ____ No (Not Intact) : ____ Not Applicable (N/A): —

Initial: [illegible]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: [illegible]

COMMENTS:

From: Meyer, Brenda -- Tetra Tech
To: Jason Torres;
CC:
Subject: RE: Beaumont Site 1 / 18086-02 / CEL 06-06-0989
Date: Wednesday, June 28, 2006 7:11:56 AM
Attachments:

Jason,
We have had a communication gap on my part. We will need to change the testing for some samples you have gotten for Site 2 if you have not already finished testing. I would like to cancel the tests for 1,4-dioxane, RDX, NDMA and Hx Chrome for all samples from Site 2 sent to you on 6/23 as well as 6/26 with the exception of TT-MW2-5. Please continue to test as specified on the COC this sample and also add 8720 with TICs. Please call if you have questions.
Brenda

_____
From: Jason Torres [mailto:jtorres@calscience.com]
Sent: Tuesday, June 27, 2006 3:00 PM
To: Meyer, Brenda -- Tetra Tech
Cc: Wilson, Michael -- Tetra Tech; Michalski, Paul -- Tetra Tech
Subject: Beaumont Site 1 / 18086-02 / CEL 06-06-0989

Jason Torres
Project Manager
Calscience Environmental
Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427
Tel.: 714-895-5494 Ext. 133
Fax : 714-894-7501
jtorres <mailto:m@calscience.com> @calscience.com
PRIVACY NOTICE:
This email (and/or the documents attached to it) is intended only for the use of the individual or entity to which it is addressed and may contain

TABLE OF CONTENTS

CLIENT: **TETRA TECH, INC.**

PROJECT: **LMC BEAUMONT SITE 2**

SDG: **06J021**

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GC/MS-SVOA	**	3000 –
GC-VOA	**	4000 –
GC-SVOA	**	5000 –
HPLC	**	6000 –
METALS	**	7000 –
WET	METHOD 314.0	8000 – 8029
OTHERS	**	9000 –

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 10-27-2006
EMAX Batch No.: 06J021

Attn: Brenda Meyer

Tetra Tech, Inc.
348 W Hospitality Lane, Ste 100
San Bernardino CA 92408

Subject: Laboratory Report
Project: LMC Beaumont Site 2

Enclosed is the Laboratory report for samples received on 10/04/06.
The data reported include :

Sample ID	Control #	Col Date	Matrix	Analysis
LTB-100206	J021-01	10/02/06	WATER	VOLATILE ORGANICS BY GC/MS
TT-MW2-2	J021-02	10/02/06	WATER	PERCHLORATE BY IC
				VOLATILE ORGANICS BY GC/MS
TT-MW2-4S	J021-03	10/02/06	WATER	PERCHLORATE BY IC
				VOLATILE ORGANICS BY GC/MS
TT-MW2-4D	J021-04	10/02/06	WATER	PERCHLORATE BY IC
				VOLATILE ORGANICS BY GC/MS
TT-MW2-6D	J021-05	10/02/06	WATER	PERCHLORATE BY IC
				VOLATILE ORGANICS BY GC/MS
TT-MW2-6S	J021-06	10/02/06	WATER	PERCHLORATE BY IC
				VOLATILE ORGANICS BY GC/MS
TT-MW2-5	J021-07	10/02/06	WATER	PERCHLORATE BY IC
				VOLATILE ORGANICS BY GC/MS
TT-MW2-1	J021-08	10/02/06	WATER	PERCHLORATE BY IC
				VOLATILE ORGANICS BY GC/MS
TT-MW2-1 (DUP)	J021-09	10/02/06	WATER	PERCHLORATE BY IC
				VOLATILE ORGANICS BY GC/MS
LTB-100306	J021-10	10/03/06	WATER	VOLATILE ORGANICS BY GC/MS
LEB-100306-PP	J021-11	10/03/06	WATER	PERCHLORATE BY IC

Sample ID	Control #	Col Date	Matrix	Analysis
TT-MW2-8	J021-12	10/03/06	WATER	VOLATILE ORGANICS BY GC/MS PERCHLORATE BY IC
TT-MW2-7	J021-13	10/03/06	WATER	VOLATILE ORGANICS BY GC/MS PERCHLORATE BY IC
LEB-100306-B	J021-14	10/03/06	WATER	VOLATILE ORGANICS BY GC/MS PERCHLORATE BY IC
TT-MW2-9S	J021-15	10/03/06	WATER	VOLATILE ORGANICS BY GC/MS PERCHLORATE BY IC
TT-MW2-9D	J021-16	10/03/06	WATER	VOLATILE ORGANICS BY GC/MS PERCHLORATE BY IC
TT-MW2-16	J021-17	10/03/06	WATER	VOLATILE ORGANICS BY GC/MS PERCHLORATE BY IC VOLATILE ORGANICS BY GC/MS

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Kam Y. Pang, Ph.D.
Laboratory Director

06J021

CHAIN OF CUSTODY RECORD

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: EMAX Laboratories
1835 W. 205th St.
Torrance, CA 90501
(310) 618-8889

DATE 10/02/2006 PAGE 1 OF 1

CLIENT: Tetra Tech
PROJECT NAME: LMC Beaumont Site 2
PROJECT MANAGER: Brenda Meyer
TC #: 18089-03
SAMPLERS (Signatures)

TURN-AROUND TIME: Standard

LINE ITEM	SAMPLE NO.	DATE	TIME	VOCs (SW8260B)	Perchlorate (314.0)	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	LTB-100206	10/02/2006	0700	X	X	Un	W	G	2	HCl	
2.	T7-MW2-2	↓	0931	X	X	Un	W	G	4	HCl	
3.	T7-MW2-4S	↓	1059	X	X	↓	↓	↓	↓	↓	
4.	T7-MW2-4D	↓	1155	X	X	↓	↓	↓	↓	↓	
5.	T7-MW2-6D	↓	1319	X	X	↓	↓	↓	↓	↓	
6.	T7-MW2-6S	↓	1420	X	X	↓	↓	↓	↓	↓	
7.	T7-MW2-5	↓	1508	X	X	↓	↓	↓	↓	↓	
8.	T7-MW2-1	↓	1613	X	X	↓	↓	↓	↓	↓	
9.	T7-MW2-1 (Dup)	↓	1618	X	X	↓	↓	↓	↓	↓	
10.											

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

T = 2.8 °C

PRESERVATIVES: (Water Only) HCL; NR (None required); NaOH; H_2SO_4

RELINQUISHED BY	SIGNATURE		DATE	TIME	
David Bartolacci		TETRA TECH, INC.	10/02/2006	1000	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 34
RECEIVED BY: GEORGE LIM	SIGNATURE	COMPANY: EMAX	DATE 10/4/06	TIME 10:05	METHOD OF SHIPMENT/SHIPMENT NO.: Courier
RELINQUISHED BY: GEORGE LIM	SIGNATURE	COMPANY: EMAX	DATE 10/4/06	TIME 11:35	Special Shipping/Handling/Storage Requirements:
RECEIVED BY: JON LUNA	SIGNATURE	COMPANY: emax	DATE 10/4/06	TIME 1135	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

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06U021

CHAIN OF CUSTODY RECORD

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: EMAX

DATE 10/3/06 PAGE 1 OF 1

CLIENT: LMC - Bennett
PROJECT NAME: Site 2
PROJECT MANAGER: Brenda Meyer
TC #: 18658-02
SAMPLERS (Signatures): for Chris Patrick

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS: report all analytes to the MDL

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 VOC	314.0 Perchlorate	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
10	1. LTB-100306	10/3/06	700	X		U	W	G	2	HCL	
11	2. LEB-100306-PP		710	X	X			G/P			Peristaltic Pump
12	3. TT-MW2-8		1015	X	X						
13	4. TT-MW2-7		1105	X	X						
14	5. LEB-100306-B		1200	X	X						Bailer
15	6. TT-MW2-9S		1225	X	X						
16	7. TT-MW2-9D		1345	X	X						
17	8. TT-MW2-16		1500	X	X						
	9.										
	10.										

FILTERING: ☐ FILTERED ☒ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NR (None required); NaOH; H_2SO_4

RELINQUISHED BY	SIGNATURE	TETRA TECH, INC.	DATE	TIME	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 30
Chris Patrick			10/04/2006	1000	
RECEIVED BY: GEORGE LIM	SIGNATURE: George L.	COMPANY: EMAX	DATE: 10/4/06	TIME: 10:05	METHOD OF SHIPMENT/SHIPMENT NO.: Carrier
RELINQUISHED BY: GEORGE LIM	SIGNATURE: George L.	COMPANY: EMAX	DATE: 10/4/06	TIME: 11:35	Special Shipping/Handling/Storage Requirements:
RECEIVED BY: JON LUNA	SIGNATURE:	COMPANY: emax	DATE: 10/4/06	TIME: 1135	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

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EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	
☑ EMAX Courier	SEE COC	ECN 06J021
☐ Client Delivery		Recepient JON LUNA
☐ Third Party		Date 10-04-06
		Time 1135

COC inspection

☑ Client Name ☑ Client PM/FC ☑ Sampler Name ☑ Sampling Date/Time/Location ☑ Sample ID ☑ Matrix
☑ Address ☑ Tel # / Fax # ☑ Courier Signature ☑ Analysis Required ☑ Preservative (if any) ☑ PAT

Safety Issues

☑ None ☐ High concentrations expected ☐ Superfund Site samples ☐ Rad screening required

Comments:

Packaging Inspection

Container	☑ Cooler	☑ Box	☐ Other		
Condition	☐ Custody Seal	☑ Intact	☐ Damaged		
Packaging	☑ Bubble Pack	☐ Styrofoam	☐ Popcorn	☑ Sufficient	☐ _____
Temperatures	☑ Cooler 1 5.0 °C	☐ Cooler 2 _____ °C	☐ Cooler 3 _____ °C	☐ Cooler 4 _____ °C	☐ Cooler 5 _____ °C
	☐ Cooler 6 _____ °C	☐ Cooler 7 _____ °C	☐ Cooler 8 _____ °C	☐ Cooler 9 _____ °C	☐ Cooler 10 _____ °C

Comments: ☐ PM was informed on non-compliant coolers imediately.

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code
-06			D3 (1415 ON CABEL)	R5

REVIEWS

Sample Labeling: [signature] Date 10/4/06 10/4/06

SRF: [signature] Date 10/4/06

PM: [signature] Date 10/5/06

LEGEND:

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	E1	Preservative needed; sample has no preservative	R1	Hold sample(s); wait for further instructions
A2	Analysis is not indicated in label	E2	Preservative not needed but sample is preserved	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-à-vis label	F1	Not enough quantity of samples	R3	Refer to attached instruction
B1	Sample ID is not indicated in COC	F2	Bubble is> 6mm	R4	Cancel the analysis
B2	Sample ID is not indicated in label	G1	Temperature is out of range (4 +_ 2°C)	R5	default to time in COC.
B3	Sample ID is inconsistent in COC vis-à-vis label	G2	Out of Holding Time	R6	
C1	Wrong container	G3	>20 % solid particle		
C2	Broken container	H1			
C3	Leaking container	H2			
D1	Date and/or time is not indicated in COC				
D2	Date and/or time is not indicated in label				
D3	Date and/or time is inconsistent in COC vis-à-vis label				

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

TETRA TECH, INC.

LMC BEAUMONT SITE 2

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 06J021

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J021

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Seventeen (17) water samples were received on 10/04/06 for Volatile Organic analysis by Method 5030B/8260B in accordance with USEPA SW846, 3RD edition.

1. **Holding Time**

   Analytical holding time was met.

2. **Tuning and Calibration**

   Tuning and calibration were carried out at 12-hour interval. All QC requirements were met.

3. **Method Blank**

   Method blanks were free of contamination at the reporting limit.

4. **Surrogate Recovery**

   Recoveries were within QC limits.

5. **Lab Control Sample/Lab Control Sample Duplicate**

   All recoveries were within QC limits.

6. **Matrix Spike/Matrix Spike Duplicate**

   No MS/MSD sample was designated in this SDG.

7. **Sample Analysis**

   Samples were analyzed according to the prescribed QC procedures. All requirements were met.

LAB CHRONI
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2

SDG NO. : 06J021
Instrument ID : T-005

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V005J15Q	1	NA	10/06/0620:13	10/06/0620:13	RJQ161	RJQ124	V005J15	Method Blank
LCS1W	V005J15L	1	NA	10/06/0618:21	10/06/0618:21	RJQ158	RJQ124	V005J15	Lab Control Sample (LCS)
LCD1W	V005J15C	1	NA	10/06/0618:59	10/06/0618:59	RJQ159	RJQ124	V005J15	LCS Duplicate
LTB-100206	J021-01R	1	NA	10/06/0622:43	10/06/0622:43	RJQ165	RJQ124	V005J15	Field Sample
LTB-100306	J021-10R	1	NA	10/06/0623:21	10/06/0623:21	RJQ166	RJQ124	V005J15	Field Sample
TT-MW2-2	J021-02	1	NA	10/07/0601:13	10/07/0601:13	RJQ169	RJQ124	V005J15	Field Sample
TT-MW2-4S	J021-03	1	NA	10/07/0601:50	10/07/0601:50	RJQ170	RJQ124	V005J15	Field Sample
TT-MW2-4D	J021-04	1	NA	10/07/0602:28	10/07/0602:28	RJQ171	RJQ124	V005J15	Field Sample
TT-MW2-6D	J021-05	1	NA	10/07/0603:05	10/07/0603:05	RJQ172	RJQ124	V005J15	Field Sample
TT-MW2-6S	J021-06	1	NA	10/07/0603:42	10/07/0603:42	RJQ173	RJQ124	V005J15	Field Sample
MBLK2W	V005J17Q	1	NA	10/07/0608:41	10/07/0608:41	RJQ181	RJQ124	V005J17	Method Blank
LCS2W	V005J17L	1	NA	10/07/0606:49	10/07/0606:49	RJQ178	RJQ124	V005J17	Lab Control Sample (LCS)
LCD2W	V005J17C	1	NA	10/07/0607:26	10/07/0607:26	RJQ179	RJQ124	V005J17	LCS Duplicate
TT-MW2-5	J021-07	1	NA	10/07/0609:18	10/07/0609:18	RJQ182	RJQ124	V005J17	Field Sample
TT-MW2-1	J021-08	1	NA	10/07/0609:54	10/07/0609:54	RJQ183	RJQ124	V005J17	Field Sample
TT-MW2-1 (DUP)	J021-09	1	NA	10/07/0610:32	10/07/0610:32	RJQ184	RJQ124	V005J17	Field Sample
LEB-100306-PP	J021-11	1	NA	10/07/0611:09	10/07/0611:09	RJQ185	RJQ124	V005J17	Field Sample
TT-MW2-8	J021-12	1	NA	10/07/0611:46	10/07/0611:46	RJQ186	RJQ124	V005J17	Field Sample
TT-MW2-7	J021-13	1	NA	10/07/0612:23	10/07/0612:23	RJQ187	RJQ124	V005J17	Field Sample
LEB-100306-B	J021-14	1	NA	10/07/0613:00	10/07/0613:00	RJQ188	RJQ124	V005J17	Field Sample
TT-MW2-9S	J021-15	1	NA	10/07/0613:37	10/07/0613:37	RJQ189	RJQ124	V005J17	Field Sample
TT-MW2-9D	J021-16	1	NA	10/07/0614:14	10/07/0614:14	RJQ190	RJQ124	V005J17	Field Sample
TT-MW2-16	J021-17	1	NA	10/07/0614:51	10/07/0614:51	RJQ191	RJQ124	V005J17	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/02/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Batch No.	: 06J021	Date Extracted:	10/06/06 22:43
Sample ID:	LTB-100206	Date Analyzed:	10/06/06 22:43
Lab Samp ID:	J021-01R	Dilution Factor:	1
Lab File ID:	RJQ165	Matrix	: WATER
Ext Btch ID:	V005J15	% Moisture	: NA
Calib. Ref.:	RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	99	70-140
4-BROMOFLUOROBENZENE	107	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/02/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Job No.	: 06J021	Date Extracted:	10/07/06 01:13
Sample ID	: TT-MW2-2	Date Analyzed:	10/07/06 01:13
Lab Samp ID	: J021-02	Dilution Factor:	1
Lab File ID	: RJQ169	Matrix	: WATER
Ext Btch ID	: V005J15	% Moisture	: NA
Calib. Ref.	: RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	103	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	107	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/02/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Batch No.	: 06J021	Date Extracted:	10/07/06 01:50
Sample ID:	TT-MW2-4S	Date Analyzed:	10/07/06 01:50
Lab Samp ID:	J021-03	Dilution Factor:	1
Lab File ID:	RJQ170	Matrix	: WATER
Ext Btch ID:	V005J15	% Moisture	: NA
Calib. Ref.:	RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	103	70-140
4-BROMOFLUOROBENZENE	110	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/02/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Batch No.	: 06J021	Date Extracted:	10/07/06 02:28
Sample ID:	TT-MW2-4D	Date Analyzed:	10/07/06 02:28
Lab Samp ID:	J021-04	Dilution Factor:	1
Lab File ID:	RJQ171	Matrix :	WATER
Ext Btch ID:	V005J15	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/02/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Batch No.	: 06J021	Date Extracted:	10/07/06 03:05
Sample ID:	TT-MW2-6D	Date Analyzed:	10/07/06 03:05
Lab Samp ID:	J021-05	Dilution Factor:	1
Lab File ID:	RJQ172	Matrix :	WATER
Ext Btch ID:	V005J15	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	105	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/02/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
SDG No.	: 06J021	Date Extracted:	10/07/06 03:42
Sample ID	: TT-MW2-6S	Date Analyzed:	10/07/06 03:42
Lab Samp ID	: J021-06	Dilution Factor:	1
Lab File ID	: RJQ173	Matrix	: WATER
Ext Btch ID	: V005J15	% Moisture	: NA
Calib. Ref.	: RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
C[illegible]METHANE	ND	1.0	0.20
C[illegible],2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	0.23J	1.0	0.20
M/P-XYLENES	1.0J	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	0.43J	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	1.3	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/02/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Batch No.	: 06J021	Date Extracted:	10/07/06 09:18
Sample ID:	TT-MW2-5	Date Analyzed:	10/07/06 09:18
Lab Samp ID:	J021-07	Dilution Factor:	1
Lab File ID:	RJQ182	Matrix	: WATER
Ext Btch ID:	V005J17	% Moisture	: NA
Calib. Ref.:	RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	0.29J	1.0	0.20
M/P-XYLENES	1.1J	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	0.56J	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	1.3	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/02/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
SDG No.	: 06J021	Date Extracted:	10/07/06 09:54
Sample ID	: TT-MW2-1	Date Analyzed:	10/07/06 09:54
Lab Samp ID	: J021-08	Dilution Factor:	1
Lab File ID	: RJQ183	Matrix	: WATER
Ext Btch ID	: V005J17	% Moisture	: NA
Calib. Ref.	: RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
C[illegible]METHANE	ND	1.0	0.20
C[illegible],2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	106	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/02/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Batch No.	: 06J021	Date Extracted:	10/07/06 10:32
Sample ID:	TT-MW2-1 (DUP)	Date Analyzed:	10/07/06 10:32
Lab Samp ID:	J021-09	Dilution Factor:	1
Lab File ID:	RJQ184	Matrix :	WATER
Ext Btch ID:	V005J17	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	107	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/03/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Batch No.	: 06J021	Date Extracted:	10/06/06 23:21
Sample ID	: LTB-100306	Date Analyzed:	10/06/06 23:21
Lab Samp ID	: J021-10R	Dilution Factor:	1
Lab File ID	: RJQ166	Matrix	: WATER
Ext Btch ID	: V005J15	% Moisture	: NA
Calib. Ref.	: RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
C[illegible]METHANE	ND	1.0	0.20
C[illegible],2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	102	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/03/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Batch No.	: 06J021	Date Extracted:	10/07/06 11:09
Sample ID:	LEB-100306-PP	Date Analyzed:	10/07/06 11:09
Lab Samp ID:	J021-11	Dilution Factor:	1
Lab File ID:	RJQ185	Matrix	: WATER
Ext Btch ID:	VO05J17	% Moisture	: NA
Calib. Ref.:	RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	6.1J	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	0.35J	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	106	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/03/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
SDG No.	: 06J021	Date Extracted:	10/07/06 11:46
Sample ID:	TT-MW2-8	Date Analyzed:	10/07/06 11:46
Lab Samp ID:	J021-12	Dilution Factor:	1
Lab File ID:	RJQ186	Matrix :	WATER
Ext Btch ID:	V005J17	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/03/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Batch No.	: 06J021	Date Extracted:	10/07/06 12:23
Sample ID:	TT-MW2-7	Date Analyzed:	10/07/06 12:23
Lab Samp ID:	J021-13	Dilution Factor:	1
Lab File ID:	RJQ187	Matrix :	WATER
Ext Btch ID:	V005J17	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	112	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/03/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Job No.	: 06J021	Date Extracted:	10/07/06 13:00
Sample ID:	LEB-100306-B	Date Analyzed:	10/07/06 13:00
Lab Samp ID:	J021-14	Dilution Factor:	1
Lab File ID:	RJQ188	Matrix	: WATER
Ext Btch ID:	V005J17	% Moisture	: NA
Calib. Ref.:	RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	5.5J	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	0.34J	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	107	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/03/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Batch No.	: 06J021	Date Extracted:	10/07/06 13:37
Sample ID:	TT-MW2-9S	Date Analyzed:	10/07/06 13:37
Lab Samp ID:	J021-15	Dilution Factor:	1
Lab File ID:	RJQ189	Matrix :	WATER
Ext Btch ID:	V005J17	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/03/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
SDG No.	: 06J021	Date Extracted:	10/07/06 14:14
Sample ID:	TT-MW2-9D	Date Analyzed:	10/07/06 14:14
Lab Samp ID:	J021-16	Dilution Factor:	1
Lab File ID:	RJQ190	Matrix	: WATER
Ext Btch ID:	V005J17	% Moisture	: NA
Calib. Ref.:	RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	114	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/03/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/04/06
Batch No.	: 06J021	Date Extracted:	10/07/06 14:51
Sample ID:	TT-MW2-16	Date Analyzed:	10/07/06 14:51
Lab Samp ID:	J021-17	Dilution Factor:	1
Lab File ID:	RJQ191	Matrix :	WATER
Ext Btch ID:	VO05J17	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	113	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	105	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	NA
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J021	Date Extracted:	10/06/06 20:13
Sample ID:	MBLK1W	Date Analyzed:	10/06/06 20:13
Lab Samp ID:	V005J15Q	Dilution Factor:	1
Lab File ID:	RJQ161	Matrix :	WATER
Ext Btch ID:	V005J15	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	100	70-140
4-BROMOFLUOROBENZENE	107	70-130
TOLUENE-D8	106	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J021
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V005J15Q	V005J15L	V005J15C		
LAB FILE ID:	RJQ161	RJQ158	RJQ159		
DATE EXTRACTED:	10/06/0620:13	10/06/0618:21	10/06/0618:59	DATE COLLECTED:	NA
DATE ANALYZED:	10/06/0620:13	10/06/0618:21	10/06/0618:59	DATE RECEIVED:	10/06/06
PREP. BATCH:	V005J15	V005J15	V005J15		
CALIB. REF:	RJQ124	RJQ124	RJQ124		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	8.90	89	10.0	8.44	84	5	60-130	30
Benzene	ND	10.0	10.1	101	10.0	9.59	96	5	70-130	30
Chlorobenzene	ND	10.0	10.3	103	10.0	9.81	98	4	70-120	30
Toluene	ND	10.0	10.4	104	10.0	9.83	98	6	70-130	30
Trichloroethene	ND	10.0	10.2	102	10.0	9.59	96	6	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	9.99	100	10.0	9.86	99	70-140
[illegible]mofluorobenzene	10.0	10.3	103	10.0	10.3	103	70-130
[illegible]ene-d8	10.0	10.3	103	10.0	10.3	103	70-130

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	NA
Project	: LMC BEAUMONT SITE 2	Date Received:	10/07/06
Batch No.	: 06J021	Date Extracted:	10/07/06 08:41
Sample ID	: MBLK2W	Date Analyzed:	10/07/06 08:41
Lab Samp ID	: V005J17Q	Dilution Factor:	1
Lab File ID	: RJQ181	Matrix	: WATER
Ext Btch ID	: V005J17	% Moisture	: NA
Calib. Ref.	: RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	109	70-140
4-BROMOFLUOROBENZENE	106	70-130
TOLUENE-D8	106	70-130

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J021
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V005J17Q	V005J17L	V005J17C		
LAB FILE ID:	RJQ181	RJQ178	RJQ179		
DATE EXTRACTED:	10/07/0608:41	10/07/0606:49	10/07/0607:26	DATE COLLECTED:	NA
DATE ANALYZED:	10/07/0608:41	10/07/0606:49	10/07/0607:26	DATE RECEIVED:	10/07/06
PREP. BATCH:	V005J17	V005J17	V005J17		
CALIB. REF:	RJQ124	RJQ124	RJQ124		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.61	96	10.0	9.78	98	2	60-130	30
Benzene	ND	10.0	9.88	99	10.0	9.73	97	1	70-130	30
Chlorobenzene	ND	10.0	9.25	93	10.0	9.38	94	1	70-120	30
Toluene	ND	10.0	9.63	96	10.0	9.63	96	0	70-130	30
Trichloroethene	ND	10.0	9.80	98	10.0	9.58	96	2	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.6	106	10.0	11.0	110	70-140
[illegible]nofluorobenzene	10.0	10.6	106	10.0	10.3	103	70-130
[illegible]ene-d8	10.0	10.5	105	10.0	10.2	102	70-130

INITIAL CALIBRATION

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

.ab Name: EMAX Inc
.ab-Code: EMXT Case No.:
.le ID: RJQ118
Ins..ument ID: T-005
GC Column:RTX502.2ID:0.32mm (mm)

Contract: LMC BEAUMONT SITE 2
SAS No.: SDG No.: 06J021
BFB Injection Date : 10/05/06
BFB Injection Time : 17:29
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.99
75	30.0 - 60.0% of mass 95	54.84
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.56
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	69.90
175	5.0 - 9.0% of mass 174	4.93(7.1)1
176	95.0 - 101.0% of mass 174	68.51(98.0)1
177	5.0 - 9.0% of mass 176	5.28(7.7)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
1	VSTD0.3	V005J051	RJQ119	10/05/06	18:05
2	VSTD0.5	V005J052	RJQ120	10/05/06	18:41
3	VSTD01	V005J053	RJQ121	10/05/06	19:18
4	VSTD02	V005J054	RJQ122	10/05/06	19:55
5	VSTD05	V005J055	RJQ123	10/05/06	20:32
6	D010	V005J056	RJQ124	10/05/06	21:09
7	D020	V005J057	RJQ125	10/05/06	21:46
8	VSTD030	V005J058	RJQ126	10/05/06	22:23
9	VSTD040	V005J059	RJQ127	10/05/06	22:59
10	VSTD050	V005J0510	RJQ128	10/05/06	23:37
11	VSTD010	IV005J0501	RJQ131	10/06/06	01:28

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :TO05
Beginning DateTime :10/05/06 18:05
Spike Units :PPB
IC File :RJQ124

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :10/05/06 23:37
HPChem Method :VO05J05

M	IDX	Parameters	.3 18:05 RJQ119	.5 18:41 RJQ120	1 19:18 RJQ121	2 19:55 RJQ122	5 20:32 RJQ123	10 21:09 RJQ124	20 21:46 RJQ125	30 22:23 RJQ126	40 22:59 RJQ127	50 23:37 RJQ128	Av_RRF	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	0	8.5257
	2	Dichlorodifluoromethane	0.509	0.536	0.472	0.556	0.528	0.600	0.573	0.599	0.498	0.531	0.540	7.82	1.6774
	3	Chloromethane	0.630	0.680	0.619	0.641	0.592	0.670	0.628	0.642	0.528	0.561	0.619	7.62	1.9295
	4	Vinyl chloride	0.468	0.471	0.460	0.521	0.492	0.567	0.559	0.599	0.498	------	0.515	9.65	2.0580
	5	Bromomethane	0.446	0.353	0.350	0.361	0.334	0.361	0.368	0.413	0.353	0.366	0.371	9.03	2.5687
	6	Chloroethane	0.317	0.402	0.298	0.340	0.305	0.339	0.336	0.365	0.300	0.308	0.331	9.99	2.6673
	7	Dichlorofluoromethane	0.960	0.953	0.956	1.025	0.896	0.949	0.942	1.097	0.898	0.919	0.959	6.32	2.7229
	8	Trichlorofluoromethane	0.592	0.613	0.595	0.664	0.633	0.723	0.684	0.735	0.611	0.625	0.648	7.99	2.9843
	9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
2	10	Acrolein	------	0.026	0.020	0.018	0.021	0.022	0.021	0.024	0.021	0.021	0.022	9.93	3.5363
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.279	0.261	0.272	0.286	0.251	0.270	0.266	0.313	0.252	0.260	0.271	6.85	3.5585
2	12	Acetone	------	------	------	0.066	0.053	0.060	0.049	0.055	0.048	0.048	0.054	12.64	3.6327
	13	1,1-Dichloroethene	0.605	0.571	0.601	0.639	0.572	0.607	0.594	0.692	0.564	0.578	0.602	6.45	3.7676
5	14	tert-Butyl alcohol	------	------	0.018	0.019	0.015	0.017	0.018	0.020	0.018	0.017	0.018	7.27	3.9340
	15	Acetonitrile	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	------	------	0.048	0.077	0.150	0.260	0.335	0.457	------	------	0.221	71.77	4.1605
	17	Methyl acetate	------	0.150	0.119	0.097	0.106	0.113	0.109	0.120	0.113	0.110	0.115	12.68	4.2568
	18	Methylene chloride	------	0.812	0.623	0.572	0.461	0.463	0.439	0.509	0.432	0.439	0.528	23.77	4.4263
	19	Carbon disulfide	1.212	1.117	1.212	1.290	1.146	1.266	1.259	1.523	1.287	1.343	1.266	8.95	4.4026
3	20	Acrylonitrile	0.053	0.044	0.046	0.044	0.049	0.049	0.044	0.053	0.048	0.048	0.048	6.87	4.6285
	21	tert-Butyl methyl ether (MTBE)	0.424	0.400	0.452	0.469	0.400	0.365	0.327	0.387	0.361	0.361	0.395	11.15	4.6875
	22	trans-1,2-Dichloroethene	0.629	0.584	0.616	0.646	0.560	0.601	0.584	0.686	0.574	0.588	0.607	6.25	4.8461
	23	Isopropyl ether (DIPE)	0.983	1.041	1.067	1.160	1.006	1.070	1.047	1.249	1.093	1.122	1.084	7.19	5.3688
	24	1,1-Dichloroethane	0.714	0.695	0.726	0.792	0.696	0.727	0.689	0.822	0.695	0.713	0.727	6.17	5.4717
	25	Vinyl acetate	0.519	0.372	0.346	0.418	0.360	0.380	0.371	0.441	0.398	0.400	0.401	12.48	5.5155
	26	tert-Butyl ethyl ether (ETBE)	0.541	0.513	0.576	0.667	0.580	0.595	0.521	0.574	0.490	0.469	0.553	10.47	5.9877
2	27	2-Butanone	------	------	0.062	0.058	0.063	0.054	0.054	0.062	0.057	0.058	0.059	5.94	6.1610
	28	2,2-Dichloropropane	0.464	0.451	0.441	0.410	0.349	0.350	0.337	0.401	0.331	0.345	0.388	13.28	6.3275
	29	cis-1,2-Dichloroethene	0.554	0.521	0.592	0.632	0.562	0.598	0.574	0.691	0.579	0.586	0.589	7.88	6.4000
2	30	tert-Butyl formate (TBF)	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	31	Chloroform	0.619	0.625	0.660	0.693	0.608	0.637	0.617	0.723	0.619	0.625	0.643	5.94	6.6505
	32	Bromochloromethane	0.259	0.243	0.254	0.278	0.247	0.255	0.245	0.288	0.249	0.249	0.257	5.73	6.9009
2	33	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	34	1,1,1-Trichloroethane	0.503	0.482	0.530	0.524	0.470	0.491	0.494	0.591	0.490	0.514	0.509	6.75	7.2913
	35	Cyclohexane	------	0.559	0.501	0.628	0.691	0.745	0.705	0.818	0.664	0.699	0.668	14.28	7.2987
	36	tert-Amyl methyl ether (TAME)	0.362	0.325	0.387	0.433	0.419	0.400	0.371	0.420	0.364	0.349	0.383	9.14	7.8090
	37	1,2-Dichloroethane-d4	------	------	------	0.290	0.288	0.305	0.275	0.316	0.260	0.268	0.286	7.00	7.8245
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	0	14.4313
	39	1,1-Dichloropropene	0.207	0.187	0.210	0.220	0.197	0.209	0.208	0.246	0.201	0.209	0.209	7.53	7.5535
	40	Carbon tetrachloride	0.553	0.493	0.538	0.566	0.505	0.533	0.518	0.606	0.498	0.515	0.532	6.59	7.7027
	41	1,2-Dichloroethane	0.442	0.421	0.457	0.499	0.442	0.456	0.437	0.500	0.432	0.435	0.452	6.00	7.9844
	42	Benzene	1.520	1.516	1.586	1.712	1.512	1.581	1.529	1.810	1.552	1.609	1.593	6.11	7.9928
	43	Trichloroethene	0.443	0.424	0.461	0.479	0.420	0.449	0.437	0.511	0.432	0.448	0.450	6.09	9.0712
	44	Methylcyclohexane	------	------	0.534	0.679	0.763	0.806	0.754	0.858	0.697	0.746	0.730	13.32	9.1733
	45	1,2-Dichloropropane	0.379	0.376	0.394	0.417	0.389	0.394	0.394	0.460	0.397	0.408	0.401	5.94	9.3984
	46	Bromodichloromethane	0.436	0.429	0.467	0.499	0.455	0.483	0.477	0.552	0.482	0.492	0.477	7.31	9.8158
	47	Dibromomethane	0.123	0.146	0.138	0.171	0.157	0.163	0.174	0.186	0.166	0.181	0.160	12.32	9.8950
	48	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
2	49	4-Methyl-2-pentanone	------	------	0.122	0.128	0.158	0.162	0.152	0.173	0.161	0.163	0.152	11.86	10.5435
	50	cis-1,3-Dichloropropene	0.350	0.394	0.402	0.472	0.437	0.460	0.452	0.533	0.469	0.478	0.445	11.60	10.8807
	51	Toluene-d8	------	------	------	1.304	1.298	1.390	1.250	1.474	1.194	1.300	1.316	6.97	11.3237
	52	Toluene	0.932	0.882	0.908	0.997	0.883	0.957	0.945	1.116	0.955	0.982	0.956	7.12	11.4810
	53	Ethyl methacrylate	------	0.174	0.199	0.245	0.241	0.246	0.257	0.305	0.275	0.279	0.247	16.29	11.9503
	54	trans-1,3-Dichloropropene	0.254	0.239	0.288	0.330	0.316	0.338	0.337	0.395	0.349	0.354	0.320	14.82	11.8908
	55	1,1,2-Trichloroethane	0.177	0.191	0.194	0.211	0.188	0.190	0.195	0.223	0.199	0.201	0.197	6.52	12.1817
2	56	2-Hexanone	------	------	------	0.077	0.099	0.100	0.100	0.113	0.106	0.110	0.101	11.70	12.2825
	57	1,3-Dichloropropane	0.330	0.350	0.368	0.439	0.372	0.383	0.374	0.436	0.378	0.384	0.381	8.94	12.7061
	58	Tetrach[illegible]ethene	0.328	0.285	0.333	0.339	0.299	0.3[illegible]	[illegible].317	0.369	0.310	0.321	0.323	7.09	12.7854

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10/13/06

59	Dibromochloromethane	0.199	0.206	0.211	0.241	0.240	0.245	0.248	0.293	0.260	0.263	0.240	12.00	13.1859
60	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
61	1,2-Dibromoethane	------	0.097	0.111	0.125	0.130	0.139	0.133	0.157	0.144	0.146	0.131	14.02	13.6010
62	1-Chlorohexane	0.556	0.535	0.584	0.622	0.567	0.630	0.641	0.753	0.629	0.664	0.618	10.16	14.0746
63	Chlorobenzene	0.951	0.875	0.962	1.010	0.892	0.952	0.935	1.103	0.951	0.978	0.961	6.61	14.5114
64	1,1,1,2-Tetrachloroethane	0.285	0.257	0.311	0.326	0.295	0.318	0.312	0.367	0.313	0.320	0.310	9.20	14.6319
65	Ethylbenzene	1.746	1.675	1.827	1.908	1.731	1.897	1.876	2.227	1.898	1.967	1.875	8.22	14.6690
2 66	m-Xylene & p-Xylene	1.407	1.319	1.447	1.468	1.342	1.465	1.466	1.720	1.457	1.142	1.423	10.26	14.8410
67	o-Xylene	1.225	1.202	1.316	1.439	1.298	1.435	1.392	1.625	1.383	1.438	1.375	8.94	15.7834
68	Styrene	0.764	0.748	0.872	0.952	0.870	0.975	0.978	1.140	0.979	1.016	0.929	12.76	15.8728
69	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	0	20.7151
70	Bromoform	------	0.100	0.215	0.275	0.261	0.289	0.310	0.377	0.340	0.327	0.277	29.38	16.5302
71	Isopropylbenzene	4.694	4.500	4.815	5.103	4.609	5.141	5.281	6.279	5.362	5.356	5.114	10.10	16.6240
72	1,1,2,2-Tetrachloroethane	0.538	0.582	0.585	0.669	0.609	0.625	0.634	0.741	0.662	0.643	0.629	8.92	17.0169
73	4-Bromofluorobenzene	------	------	------	1.206	1.171	1.303	1.200	1.426	1.158	1.198	1.237	7.72	17.1471
74	1,2,3-Trichloropropane	------	0.071	0.118	0.122	0.121	0.125	0.129	0.152	0.132	0.126	0.122	17.76	17.3443
75	trans-1,4-Dichloro-2-butene	------	------	------	0.136	0.133	0.152	0.166	0.203	0.180	0.178	0.164	15.35	17.5518
76	n-Propylbenzene	6.172	5.995	6.400	6.563	6.023	6.751	6.938	8.276	7.022	7.004	6.714	10.02	17.5380
77	Bromobenzene	0.822	0.891	0.905	0.961	0.891	0.957	0.970	1.150	1.004	0.988	0.954	9.24	17.5321
78	2-Chlorotoluene	4.028	3.766	4.031	4.148	3.623	4.014	4.095	4.767	4.051	4.030	4.055	7.31	17.8786
79	1,3,5-Trimethylbenzene	3.562	3.659	3.909	4.034	3.636	3.986	4.091	4.839	4.060	4.107	3.988	9.06	17.9166
80	4-Chlorotoluene	3.642	3.468	3.600	3.689	3.248	3.562	3.607	4.248	3.667	3.693	3.642	6.90	18.0018
81	tert-Butylbenzene	3.765	3.553	3.754	3.906	3.552	3.909	3.981	4.676	3.876	3.999	3.897	8.11	18.7303
82	1,2,4-Trimethylbenzene	3.533	3.443	3.767	3.869	3.461	3.880	3.945	4.586	3.861	3.957	3.830	8.63	18.8070
83	sec-Butylbenzene	5.369	5.123	5.401	5.559	5.046	5.649	5.717	6.759	5.555	5.843	5.602	8.52	19.2277
84	p-Isopropyltoluene	3.952	3.650	4.068	4.251	3.926	4.321	4.332	5.167	4.275	4.475	4.242	9.59	19.5760
85	1,3-Dichlorobenzene	1.896	1.845	1.908	1.994	1.809	1.960	1.960	2.315	1.968	2.017	1.967	7.03	19.6822
86	1,4-Dichlorobenzene	1.806	1.786	1.828	1.885	1.744	1.848	1.866	2.196	1.864	1.914	1.874	6.60	19.9444
87	n-Butylbenzene	3.979	4.069	4.156	4.401	3.983	4.416	4.458	5.309	4.348	4.609	4.373	8.98	20.5414
88	1,2-Dichlorobenzene	1.759	1.582	1.536	1.691	1.493	1.565	1.550	1.819	1.550	1.598	1.614	6.58	20.7817
89	1,2-Dibromo-3-chloropropane	------	------	0.049	0.057	0.057	0.066	0.069	0.085	0.073	0.076	0.066	17.55	22.6795
90	1,2,4-Trichlorobenzene	0.864	0.765	0.867	0.914	0.828	0.909	0.934	1.136	0.951	0.980	0.915	10.90	24.8838
91	Hexachlorobutadiene	0.800	0.756	0.791	0.784	0.683	0.744	0.736	0.916	0.718	0.742	0.767	8.21	25.3070
92	Naphthalene	1.078	0.930	0.919	1.016	0.980	1.098	1.162	1.428	1.279	1.350	1.124	15.79	25.4537
93	1,2,3-Trichlorobenzene	0.773	0.642	0.667	0.730	0.661	0.714	0.742	0.886	0.753	0.788	0.735	9.77	26.0558

Spike Amount = Nominal Amount * M
Ave_%RSD : 10.5 Max_%RSD : 71.8

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
Resp_Ratio = xo + x1 * Amt_Ratio

IDX	Parameter	x0	x1	CCF
16	Iodomethane	-0.05813	0.40360	0.9752*
18	Methylene chloride	0.01875	0.44578	0.9977
53	Ethyl methacrylate	-0.00759	0.27989	0.9981
70	Bromoform	-0.01416	0.33888	0.9970
74	1,2,3-Trichloropropane	-0.00281	0.13421	0.9970
75	trans-1,4-Dichloro-2-butene	-0.01587	0.18497	0.9964
89	1,2-Dibromo-3-chloropropane	-0.00410	0.07631	0.9967
92	Naphthalene	-0.02457	1.30242	0.9962

Use Quadratic Regression of inv conc w.f. for comps of linear reg of inv conc w.f. with CCF < .995
Resp_Ratio = xo + x1 * Amt_Ratio + x2 * Amt_Ratio * Amt_Ratio

IDX	Parameter	x0	x1	x2	CCF2
16	Iodomethane	-0.01276	0.14152	0.10559	0.9992

10/13/86

SECOND SOURCE VERIFICATION

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J05\RJQ131.D
Acq On : 6 Oct 2006 1:28 am
Sample : IV005J0501
Misc : 10.0ppb/20.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 14
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006 * Not evaluated
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	124	0.00
2	T	Dichlorodifluoromethane	10.000	7.527	24.7#	84	0.00
3	P,T	Chloromethane	10.000	9.385	6.2	107	0.00
4	C,T	Vinyl chloride	10.000	9.990	0.1	112	0.00
5	T	Bromomethane	10.000	9.964	0.4	127	0.00
6	T	Chloroethane	10.000	9.650	3.5	116	0.00
7	T	Dichlorofluoromethane	10.000	8.775	12.2	110	0.00
8	T	Trichlorofluoromethane	10.000	9.384	6.2	104	0.00
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	122	0.00
10	T	Acrolein *	20 ~~10~~.000	14.439	27.8 ~~-44.4~~#	173	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.779	2.2	121	0.00
12	T	Acetone	20 ~~10~~.000	17.499	12.5 ~~-75.0~~#	194	0.00
13	C,TM	1,1-Dichloroethene	10.000	9.636	3.6	118	0.00
14	T	tert-Butyl alcohol	50.000	49.250	1.5	127	0.00
	T	Acetonitrile	-1.000	0.000	0.0	135	0.00
	T	Iodomethane	10.000	9.752	2.5	107	0.00
17	T	Methyl acetate *	10.000	0.990	90.1#	12	0.00
18	T	Methylene chloride	10.000	9.380	6.2	117	0.00
19	T	Carbon disulfide	10.000	10.361	-3.6	128	0.00
20	T	Acrylonitrile	30 ~~20~~.000	30.699	-2.3 ~~-53.5~~#	187	0.00
21	T	tert-Butyl methyl ether (MT	10.000	9.187	8.1	123	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.705	2.9	121	0.00
23	T	Isopropyl ether (DIPE)	10.000	9.817	1.8	123	0.00
24	P,T	1,1-Dichloroethane	10.000	9.441	5.6	117	0.00
25	T	Vinyl acetate	10.000	8.949	10.5	117	0.00
26	T	tert-Butyl ethyl ether (ETB	10.000	11.210	-12.1	129	0.00
27	T	2-Butanone	20 ~~10~~.000	20.349	-1.7 ~~-103.5~~#	271	0.00
28	T	2,2-Dichloropropane	10.000	8.005	19.9	109	0.00
29	T	cis-1,2-Dichloroethene	10.000	9.747	2.5	119	0.00
30	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	138	0.00
31	C,T	Chloroform	10.000	9.519	4.8	119	0.00
32	T	Bromochloromethane	10.000	9.748	2.5	121	0.00
33	T	Tetrahydrofuran	-1.000	0.000	0.0	91	0.00
34	T	1,1,1-Trichloroethane	10.000	9.202	8.0	118	0.00
35	T	Cyclohexane *	10.000	0.048	99.5#	1	0.04
36	T	tert-Amyl methyl ether (TAM	10.000	10.586	-5.9	125	0.00
37	S	1,2-Dichloroethane-d4	10.000	9.695	3.0	112	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	126	0.00
39	T	1,1-Dichloropropene	10.000	9.958	0.4	125	0.00
	T	Carbon tetrachloride	10.000	9.173	8.3	115	0.00

DN 10.11.06

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J05\RJQ131.D
Acq On : 6 Oct 2006 1:28 am
Sample : IVO05J0501
Misc : 10.0ppb/20.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 14
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

* Not evaluated

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	9.268	7.3	115	0.00
42	M,T	Benzene	10.000	9.921	0.8	125	0.00
43	M,T	Trichloroethene	10.000	9.755	2.4	123	0.00
44	T	Methylcyclohexane *	10.000	0.010	99.9#	0	-0.02
45	C,T	1,2-Dichloropropane	10.000	9.904	1.0	126	0.00
46	T	Bromodichloromethane	10.000	9.525	4.7	118	0.00
47	T	Dibromomethane	10.000	10.513	-5.1	130	0.00
48	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	127	0.00
49	T	4-Methyl-2-pentanone	20 ~~10~~.000	21.625	-8.1	-~~116~~.3#	256 0.00
50	T	cis-1,3-Dichloropropene	10.000	10.046	-0.5	122	0.00
51	S	Toluene-d8	10.000	10.035	-0.4	119	0.00
52	C,TM	Toluene	10.000	9.917	0.8	124	0.00
53	T	Ethyl methacrylate	10.000	9.316	6.8	129	0.00
54	T	trans-1,3-Dichloropropene	10.000	10.203	-2.0	121	0.00
55	T	1,1,2-Trichloroethane	10.000	9.775	2.2	127	0.00
56	T	2-Hexanone	20 ~~10~~.000	20.204	-1.0	-~~102~~.0#	256 0.00
57	T	1,3-Dichloropropane	10.000	9.830	1.7	123	0.00
58	T	Tetrachloroethene	10.000	9.583	4.2	119	0.00
59	T	Dibromochloromethane	10.000	10.016	-0.2	123	0.00
60	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	116	0.00
61	T	1,2-Dibromoethane	10.000	9.902	1.0	118	0.00
62	T	1-Chlorohexane	10.000	9.507	4.9	117	0.00
63	P,M	Chlorobenzene	10.000	9.499	5.0	120	0.00
64	T	1,1,1,2-Tetrachloroethane	10.000	9.766	2.3	120	0.00
65	C,T	Ethylbenzene	10.000	9.825	1.8	122	0.00
66	T	m-Xylene & p-Xylene	20.000	19.706	1.5	120	0.00
67	T	o-Xylene	10.000	9.838	1.6	118	0.00
68	T	Styrene	10.000	9.908	0.9	119	0.00
69	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	124	0.00
70	P,T	Bromoform	10.000	8.892	11.1	123	0.00
71	T	Isopropylbenzene	10.000	9.717	2.8	120	0.00
72	P,T	1,1,2,2-Tetrachloroethane	10.000	9.571	4.3	119	0.00
73	S	4-Bromofluorobenzene	10.000	10.075	-0.7	118	0.00
74	T	1,2,3-Trichloropropane	10.000	8.956	10.4	116	0.00
75	T	trans-1,4-Dichloro-2-butene	10.000	8.769	12.3	119	0.00
76	T	n-Propylbenzene	10.000	9.707	2.9	119	0.00
77	T	Bromobenzene	10.000	9.682	3.2	119	0.00
78	T	2-Chlorotoluene	10.000	9.262	7.4	116	0.00
79	T	1,3,5-Trimethylbenzene	10.000	9.698	3.0	120	0.00
80	T	4-Chlorotoluene	10.000	9.030	9.7	114	0.00

(#) = Out of Range

Data File : D:\HPCHEM\1\DATA\06J05\RJQ131.D
Acq On : 6 Oct 2006 1:28 am
Sample : IVO05J0501
Misc : 10.0ppb/20.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 14
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	tert-Butylbenzene	10.000	9.688	3.1	120	0.00
82	T	1,2,4-Trimethylbenzene	10.000	9.695	3.0	118	0.00
83	T	sec-Butylbenzene	10.000	9.684	3.2	119	0.00
84	T	p-Isopropyltoluene	10.000	9.821	1.8	119	0.00
85	T	1,3-Dichlorobenzene	10.000	9.487	5.1	118	0.00
86	T	1,4-Dichlorobenzene	10.000	9.368	6.3	118	0.00
87	T	n-Butylbenzene	10.000	9.734	2.7	119	0.00
88	T	1,2-Dichlorobenzene	10.000	9.231	7.7	118	0.00
89	T	1,2-Dibromo-3-chloropropane	10.000	9.071	9.3	122	0.00
90	T	1,2,4-Trichlorobenzene	10.000	9.938	0.6	124	0.00
91	T	Hexachlorobutadiene	10.000	9.406	5.9	120	0.00
92	T	Naphthalene	10.000	8.562	14.4	123	0.00
93	T	1,2,3-Trichlorobenzene	10.000	9.963	0.4	127	0.00

10/13/06

2099

DAILY CALIBRATION

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
L le ID: RJQ154
I ment ID: T-005
GC Column:RTX502.2ID:0.32mm (mm)

Contract: LMC BEAUMONT SITE 2
SAS No.: SDG No.: 06J021
BFB Injection Date : 10/06/06
BFB Injection Time : 15:52
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.08
75	30.0 - 60.0% of mass 95	50.38
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.28
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	73.52
175	5.0 - 9.0% of mass 174	5.26(7.2)1
176	95.0 - 101.0% of mass 174	70.69(96.1)1
177	5.0 - 9.0% of mass 176	4.29(6.1)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
1	VSTD010	CV005J0503	RJQ156	10/06/06	17:06
2	MBLK1W	V005J15Q	RJQ161	10/06/06	20:13
3	LCS1W	V005J15L	RJQ158	10/06/06	18:21
4	LCD1W	V005J15C	RJQ159	10/06/06	18:59
5	LTB-100206	J021-01R	RJQ165	10/06/06	22:43
	-100306	J021-10R	RJQ166	10/06/06	23:21
	MW2-2	J021-02	RJQ169	10/07/06	01:13
8	TT-MW2-4S	J021-03	RJQ170	10/07/06	01:50
9	TT-MW2-4D	J021-04	RJQ171	10/07/06	02:28
10	TT-MW2-6D	J021-05	RJQ172	10/07/06	03:05
11	TT-MW2-6S	J021-06	RJQ173	10/07/06	03:42

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RJQ124
Instrument ID: T-005
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: LMC BEAUMONT SITE 2
SDG No.: 06J021
Date Analyzed: 10/05/06
Time Analyzed: 21:09
Heated Purge: (Y/N) N

		IS1(DBF)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1826396	8.53	1455500	14.43	511292	20.71
	UPPER LIMIT	3652792	9.03	2911000	14.93	1022584	21.21
	LOWER LIMIT	913198	8.03	727750	13.93	255646	20.21
	SAMPLE ID						
1	VSTD010	2346136	8.53	1852759	14.44	642251	20.72
2	MBLK1W	2205595	8.51	1702507	14.42	555134	20.70
3	LCS1W	2169944	8.52	1747687	14.43	608380	20.72
4	LCD1W	2288740	8.53	1838040	14.44	632741	20.72
5	LTB-100206	2247467	8.51	1758090	14.42	570944	20.70
6	LTB-100306	2180347	8.51	1687455	14.42	551246	20.70
7	TT-MW2-2	2009266	8.51	1558328	14.42	518324	20.71
8	TT-MW2-4S	2019446	8.52	1575224	14.42	497566	20.71
9	TT-MW2-4D	1987385	8.51	1547528	14.41	503554	20.70
10	TT-MW2-6D	2016113	8.51	1585111	14.42	511554	20.71
11	TT-MW2-6S	2042433	8.51	1602083	14.42	527132	20.70

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.
page 1 of 1

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J06\RJQ156.D
Acq On : 6 Oct 2006 5:06 pm
Sample : CV005J0503
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	128	0.00
2	T	Dichlorodifluoromethane	10.000	9.727	2.7	113	0.00
3	P,T	Chloromethane	10.000	9.322	6.8	111	0.00
4	C,T	Vinyl chloride	10.000	10.332	-3.3	121	0.00
5	T	Bromomethane	10.000	10.260	-2.6	135	0.00
6	T	Chloroethane	10.000	9.622	3.8	121	0.00
7	T	Dichlorofluoromethane	10.000	8.193	18.1	106	0.00
8	T	Trichlorofluoromethane	10.000	9.664	3.4	111	0.00
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	120	0.00
10	T	Acrolein	10.000	10.117	-1.2	126	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.426	15.7	109	0.00
12	T	Acetone	10.000	10.404	-4.0	120	0.00
13	C,TM	1,1-Dichloroethene	10.000	8.052	19.5	103	0.00
14	T	tert-Butyl alcohol	50.000	44.723	10.6	120	0.00
	T	Acetonitrile	-1.000	0.000	0.0	149	0.00
	T	Iodomethane	10.000	10.392	-3.9	123	0.00
17	T	Methyl acetate	10.000	0.681	93.2#	9	0.00
18	T	Methylene chloride	10.000	8.654	13.5	112	0.00
19	T	Carbon disulfide	10.000	7.499	25.0#	96	0.00
20	T	Acrylonitrile	20.000	19.528	2.4	123	0.00
21	T	tert-Butyl methyl ether (MT	10.000	8.652	13.5	120	0.00
22	T	trans-1,2-Dichloroethene	10.000	8.421	15.8	109	0.00
23	T	Isopropyl ether (DIPE)	10.000	9.315	6.9	121	0.00
24	P,T	1,1-Dichloroethane	10.000	8.713	12.9	112	0.00
25	T	Vinyl acetate	10.000	9.010	9.9	122	0.00
26	T	tert-Butyl ethyl ether (ETB	10.000	10.713	-7.1	128	0.00
27	T	2-Butanone	10.000	9.460	5.4	131	0.00
28	T	2,2-Dichloropropane	10.000	8.445	15.5	120	0.00
29	T	cis-1,2-Dichloroethene	10.000	9.200	8.0	116	0.00
30	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	131	0.00
31	C,T	Chloroform	10.000	8.799	12.0	114	0.00
32	T	Bromochloromethane	10.000	9.077	9.2	117	0.00
33	T	Tetrahydrofuran	-1.000	0.000	0.0	100	0.00
34	T	1,1,1-Trichloroethane	10.000	8.691	13.1	116	0.00
35	T	Cyclohexane	10.000	0.073	99.3#	1	0.05
36	T	tert-Amyl methyl ether (TAM	10.000	10.756	-7.6	132	0.02
37	S	1,2-Dichloroethane-d4	10.000	9.873	1.3	119	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	127	0.00
39	T	1,1-Dichloropropene	10.000	9.346	6.5	119	0.02
	T	Carbon tetrachloride	10.000	8.868	11.3	113	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J06\RJQ156.D
Acq On : 6 Oct 2006 5:06 pm
Sample : CV005J0503
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	8.835	11.6	111	0.00
42	M,T	Benzene	10.000	9.200	8.0	118	0.00
43	M,T	Trichloroethene	10.000	9.306	6.9	119	0.00
44	T	Methylcyclohexane	10.000	0.018	99.8#	0	0.00
45	C,T	1,2-Dichloropropane	10.000	9.593	4.1	124	0.00
46	T	Bromodichloromethane	10.000	9.214	7.9	116	0.02
47	T	Dibromomethane	10.000	9.438	5.6	118	0.00
48	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	152	0.00
49	T	4-Methyl-2-pentanone	10.000	10.238	-2.4	123	0.00
50	T	cis-1,3-Dichloropropene	10.000	9.820	1.8	121	0.00
51	S	Toluene-d8	10.000	10.402	-4.0	125	0.00
52	C,TM	Toluene	10.000	9.503	5.0	121	0.00
53	T	Ethyl methacrylate	10.000	8.918	10.8	125	0.00
54	T	trans-1,3-Dichloropropene	10.000	9.936	0.6	120	0.00
55	T	1,1,2-Trichloroethane	10.000	9.501	5.0	125	0.00
56	T	2-Hexanone	10.000	9.619	3.8	124	0.00
57	T	1,3-Dichloropropane	10.000	9.457	5.4	120	0.00
58	T	Tetrachloroethene	10.000	9.387	6.1	118	0.00
59	T	Dibromochloromethane	10.000	9.747	2.5	122	0.02
60	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	123	0.00
61	T	1,2-Dibromoethane	10.000	9.283	7.2	112	0.00
62	T	1-Chlorohexane	10.000	9.976	0.2	125	0.00
63	P,M	Chlorobenzene	10.000	9.421	5.8	121	0.00
64	T	1,1,1,2-Tetrachloroethane	10.000	9.465	5.4	118	0.00
65	C,T	Ethylbenzene	10.000	9.471	5.3	119	0.00
66	T	m-Xylene & p-Xylene	20.000	19.166	4.2	119	0.00
67	T	o-Xylene	10.000	9.550	4.5	117	0.00
68	T	Styrene	10.000	9.751	2.5	118	0.00
69	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	126	0.00
70	P,T	Bromoform	10.000	8.929	10.7	125	0.00
71	T	Isopropylbenzene	10.000	9.346	6.5	117	0.00
72	P,T	1,1,2,2-Tetrachloroethane	10.000	9.530	4.7	121	0.00
73	S	4-Bromofluorobenzene	10.000	10.415	-4.1	124	0.00
74	T	1,2,3-Trichloropropane	10.000	9.367	6.3	124	0.01
75	T	trans-1,4-Dichloro-2-butene	10.000	8.476	15.2	116	0.00
76	T	n-Propylbenzene	10.000	9.432	5.7	118	0.00
77	T	Bromobenzene	10.000	9.510	4.9	119	0.00
78	T	2-Chlorotoluene	10.000	9.320	6.8	118	0.00
79	T	1,3,5-Trimethylbenzene	10.000	9.338	6.6	117	0.00
80	T	4-Chlorotoluene	10.000	9.121	8.8	117	0.00

(#) = Out of Range

Data File : D:\HPCHEM\1\DATA\06J06\RJQ156.D
Acq On : 6 Oct 2006 5:06 pm
Sample : CVO05J0503
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	tert-Butylbenzene	10.000	9.480	5.2	119	0.00
82	T	1,2,4-Trimethylbenzene	10.000	9.412	5.9	117	0.00
83	T	sec-Butylbenzene	10.000	9.390	6.1	117	0.00
84	T	p-Isopropyltoluene	10.000	9.679	3.2	119	0.00
85	T	1,3-Dichlorobenzene	10.000	9.450	5.5	119	0.00
86	T	1,4-Dichlorobenzene	10.000	9.357	6.4	119	0.00
87	T	n-Butylbenzene	10.000	9.686	3.1	120	0.00
88	T	1,2-Dichlorobenzene	10.000	9.229	7.7	120	0.00
89	T	1,2-Dibromo-3-chloropropane	10.000	8.830	11.7	120	0.00
90	T	1,2,4-Trichlorobenzene	10.000	9.971	0.3	126	0.00
91	T	Hexachlorobutadiene	10.000	9.470	5.3	123	0.00
92	T	Naphthalene	10.000	9.178	8.2	134	0.00
93	T	1,2,3-Trichlorobenzene	10.000	10.056	-0.6	130	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J06\RJQ156.D Vial: 3
Acq On : 6 Oct 2006 5:06 pm Operator: DN
Sample : CVO05J0503 Inst : TO05
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA Multiplr: 1.00
MS Integration Params: 524TAIL.P

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	128	0.00
2	T	Dichlorodifluoromethane	0.540	0.525	2.8	113	0.00
3	P,T	Chloromethane	0.619	0.577	6.8	111	0.00
4	C,T	Vinyl chloride	0.515	0.532	-3.3	121	0.00
5	T	Bromomethane	0.371	0.380	-2.4	135	0.00
6	T	Chloroethane	0.331	0.319	3.6	121	0.00
7	T	Dichlorofluoromethane	0.959	0.786	18.0	106	0.00
8	T	Trichlorofluoromethane	0.648	0.626	3.4	111	0.00
9	T	sec-Propyl alcohol	0.000	0.000	0.0	120	0.00
10	T	Acrolein	0.022	0.022	0.0	126	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.271	0.228	15.9	109	0.00
12	T	Acetone	0.054	0.056	-3.7	120	0.00
13	C,TM	1,1-Dichloroethene	0.602	0.485	19.4	103	0.00
14	T	tert-Butyl alcohol	0.018	0.016	11.1	120	0.00
15	T	Acetonitrile	0.000	0.000	0.0	149	0.00
16	T	Iodomethane	0.221	0.248	-12.2	123	0.00
17	T	Methyl acetate	0.115	0.008	93.0#	9#	0.00
18	T	Methylene chloride	0.528	0.405	23.3#	112	0.00
19	T	Carbon disulfide	1.266	0.949	25.0#	96	0.00
20	T	Acrylonitrile	0.048	0.047	2.1	123	0.00
21	T	tert-Butyl methyl ether (MT	0.395	0.341	13.7	120	0.00
22	T	trans-1,2-Dichloroethene	0.607	0.511	15.8	109	0.00
23	T	Isopropyl ether (DIPE)	1.084	1.010	6.8	121	0.00
24	P,T	1,1-Dichloroethane	0.727	0.633	12.9	112	0.00
25	T	Vinyl acetate	0.401	0.361	10.0	122	0.00
26	T	tert-Butyl ethyl ether (ETB	0.553	0.592	-7.1	128	0.00
27	T	2-Butanone	0.059	0.056	5.1	131	0.00
28	T	2,2-Dichloropropane	0.388	0.328	15.5	120	0.00
29	T	cis-1,2-Dichloroethene	0.589	0.542	8.0	116	0.00
30	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	131	0.00
31	C,T	Chloroform	0.643	0.565	12.1	114	0.00
32	T	Bromochloromethane	0.257	0.233	9.3	117	0.00
33	T	Tetrahydrofuran	0.000	0.000	0.0	100	0.00
34	T	1,1,1-Trichloroethane	0.509	0.442	13.2	116	0.00
35	T	Cyclohexane	0.668	0.005	99.3#	1#	0.05
36	T	tert-Amyl methyl ether (TAM	0.383	0.412	-7.6	132	0.02
37	S	1,2-Dichloroethane-d4	0.286	0.283	1.0	119	0.00
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	127	0.00
39	T	1,1-Dichloropropene	0.209	0.196	6.2	119	0.02
40	T	Carbon tetrachloride	0.532	0.472	11.3	113	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J06\RJQ156.D
Acq On : 6 Oct 2006 5:06 pm
Sample : CVO05J0503
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.452	0.399	11.7	111	0.00
42	M,T	Benzene	1.593	1.465	8.0	118	0.00
43	M,T	Trichloroethene	0.450	0.419	6.9	119	0.00
44	T	Methylcyclohexane	0.730	0.001	99.9#	0#	0.00
45	C,T	1,2-Dichloropropane	0.401	0.384	4.2	124	0.00
46	T	Bromodichloromethane	0.477	0.440	7.8	116	0.02
47	T	Dibromomethane	0.160	0.151	5.6	118	0.00
48	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	152	0.00
49	T	4-Methyl-2-pentanone	0.152	0.156	-2.6	123	0.00
50	T	cis-1,3-Dichloropropene	0.445	0.437	1.8	121	0.00
51	S	Toluene-d8	1.316	1.369	-4.0	125	0.00
52	C,TM	Toluene	0.956	0.908	5.0	121	0.00
53	T	Ethyl methacrylate	0.247	0.242	2.0	125	0.00
54	T	trans-1,3-Dichloropropene	0.320	0.318	0.6	120	0.00
[illegible]	T	1,1,2-Trichloroethane	0.197	0.187	5.1	125	0.00
[illegible]	T	2-Hexanone	0.101	0.097	4.0	124	0.00
57	T	1,3-Dichloropropane	0.381	0.361	5.2	120	0.00
58	T	Tetrachloroethene	0.323	0.303	6.2	118	0.00
59	T	Dibromochloromethane	0.240	0.234	2.5	122	0.02
60	T	2-Ethyl-1-butanol	0.000	0.000	0.0	123	0.00
61	T	1,2-Dibromoethane	0.131	0.122	6.9	112	0.00
62	T	1-Chlorohexane	0.618	0.617	0.2	125	0.00
63	P,M	Chlorobenzene	0.961	0.905	5.8	121	0.00
64	T	1,1,1,2-Tetrachloroethane	0.310	0.294	5.2	118	0.00
65	C,T	Ethylbenzene	1.875	1.776	5.3	119	0.00
66	T	m-Xylene & p-Xylene	1.423	1.364	4.1	119	0.00
67	T	o-Xylene	1.375	1.313	4.5	117	0.00
68	T	Styrene	0.929	0.906	2.5	118	0.00
69	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	126	0.00
70	P,T	Bromoform	0.277	0.288	-4.0	125	0.00
71	T	Isopropylbenzene	5.114	4.780	6.5	117	0.00
72	P,T	1,1,2,2-Tetrachloroethane	0.629	0.599	4.8	121	0.00
73	S	4-Bromofluorobenzene	1.237	1.289	-4.2	124	0.00
74	T	1,2,3-Trichloropropane	0.122	0.123	-0.8	124	0.01
75	T	trans-1,4-Dichloro-2-butene	0.164	0.141	14.0	116	0.00
76	T	n-Propylbenzene	6.714	6.333	5.7	118	0.00
77	T	Bromobenzene	0.954	0.907	4.9	119	0.00
78	T	2-Chlorotoluene	4.055	3.779	6.8	118	0.00
79	T	1,3,5-Trimethylbenzene	3.988	3.724	6.6	117	0.00
[illegible]	T	4-Chlorotoluene	3.642	3.322	8.8	117	0.00

(#) = Out of Range

Data File : D:\HPCHEM\1\DATA\06J06\RJQ156.D
Acq On : 6 Oct 2006 5:06 pm
Sample : CVO05J0503
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	tert-Butylbenzene	3.897	3.694	5.2	119	0.00
82	T	1,2,4-Trimethylbenzene	3.830	3.605	5.9	117	0.00
83	T	sec-Butylbenzene	5.602	5.261	6.1	117	0.00
84	T	p-Isopropyltoluene	4.242	4.106	3.2	119	0.00
85	T	1,3-Dichlorobenzene	1.967	1.859	5.5	119	0.00
86	T	1,4-Dichlorobenzene	1.874	1.753	6.5	119	0.00
87	T	n-Butylbenzene	4.373	4.236	3.1	120	0.00
88	T	1,2-Dichlorobenzene	1.614	1.490	7.7	120	0.00
89	T	1,2-Dibromo-3-chloropropane	0.066	0.063	4.5	120	0.00
90	T	1,2,4-Trichlorobenzene	0.915	0.912	0.3	126	0.00
91	T	Hexachlorobutadiene	0.767	0.726	5.3	123	0.00
92	T	Naphthalene	1.124	1.171	-4.2	134	0.00
93	T	1,2,3-Trichlorobenzene	0.735	0.740	-0.7	130	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

.ab Name: EMAX Inc
.ab Code: EMXT Case No.:
. le ID: RJQ174
:ns. ument ID: T-005
;C Column:RTX502.2ID:0.32mm (mm)

Contract: LMC BEAUMONT SITE 2
SAS No.: SDG No.: 06J021
BFB Injection Date : 10/07/06
BFB Injection Time : 04:20
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.22
75	30.0 - 60.0% of mass 95	50.20
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.56
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	70.80
175	5.0 - 9.0% of mass 174	5.73(8.1)1
176	95.0 - 101.0% of mass 174	68.23(96.4)1
177	5.0 - 9.0% of mass 176	4.51(6.6)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
1	VSTD010	CV005J0505	RJQ176	10/07/06	05:34
2	MBLK2W	V005J17Q	RJQ181	10/07/06	08:41
3	LCS2W	V005J17L	RJQ178	10/07/06	06:49
4	LCD2W	V005J17C	RJQ179	10/07/06	07:26
5	TT-MW2-5	J021-07	RJQ182	10/07/06	09:18
	MW2-1	J021-08	RJQ183	10/07/06	09:54
	-MW2-1 (DUP)	J021-09	RJQ184	10/07/06	10:32
8	LEB-100306-PP	J021-11	RJQ185	10/07/06	11:09
9	TT-MW2-8	J021-12	RJQ186	10/07/06	11:46
10	TT-MW2-7	J021-13	RJQ187	10/07/06	12:23
11	LEB-100306-B	J021-14	RJQ188	10/07/06	13:00
12	TT-MW2-9S	J021-15	RJQ189	10/07/06	13:37
13	TT-MW2-9D	J021-16	RJQ190	10/07/06	14:14
14	TT-MW2-16	J021-17	RJQ191	10/07/06	14:51

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

.ab Name: EMAX Inc
.ab Code: EMXT
.ab File ID: RJQ124
Instrument ID: T-005
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: LMC BEAUMONT SITE 2
SDG No.: 06J021
Date Analyzed: 10/05/06
Time Analyzed: 21:09
Heated Purge: (Y/N) N

		IS1(DBF)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1826396	8.53	1455500	14.43	511292	20.71
	UPPER LIMIT	3652792	9.03	2911000	14.93	1022584	21.21
	LOWER LIMIT	913198	8.03	727750	13.93	255646	20.21
	SAMPLE ID						
1	VSTD010	1783216	8.51	1443558	14.42	494933	20.70
2	MBLK2W	1961320	8.51	1544218	14.42	501881	20.71
3	LCS2W	1908201	8.51	1509298	14.42	516515	20.70
4	LCD2W	1938607	8.51	1600670	14.41	572674	20.70
5	TT-MW2-5	1951719	8.51	1530222	14.42	508852	20.70
6	TT-MW2-1	1942472	8.51	1524326	14.42	493001	20.71
7	TT-MW2-1 (DUP)	1898452	8.51	1457019	14.42	474391	20.70
8	LEB-100306-PP	1819026	8.51	1408481	14.42	462319	20.71
9	TT-MW2-8	1901259	8.51	1504350	14.42	494617	20.71
10	TT-MW2-7	1812216	8.51	1443417	14.42	471074	20.71
11	LEB-100306-B	1797014	8.51	1393532	14.42	459741	20.71
12	TT-MW2-9S	1898615	8.51	1487605	14.42	485907	20.71
13	TT-MW2-9D	1808805	8.52	1426054	14.43	459933	20.71
14	TT-MW2-16	1804117	8.51	1412078	14.42	465712	20.71

IS1 (DFB) = 1,4-Difluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,2-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
AREA UPPER LIMIT = + 50% of surrogate area
AREA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J06\RJQ176.D
Acq On : 7 Oct 2006 5:34 am
Sample : CV005J0505
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	98	-0.02
2	T	Dichlorodifluoromethane	10.000	10.701	-7.0	94	0.00
3	P,T	Chloromethane	10.000	9.838	1.6	89	0.00
4	C,T	Vinyl chloride	10.000	11.130	-11.3	99	0.00
5	T	Bromomethane	10.000	10.726	-7.3	108	0.00
6	T	Chloroethane	10.000	10.739	-7.4	102	0.00
7	T	Dichlorofluoromethane	10.000	9.200	8.0	91	0.00
8	T	Trichlorofluoromethane	10.000	11.058	-10.6	97	0.00
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	103	0.00
10	T	Acrolein	10.000	9.220	7.8	87	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	8.819	11.8	86	0.00
12	T	Acetone	10.000	10.820	-8.2	95	0.00
13	C,TM	1,1-Dichloroethene	10.000	9.122	8.8	88	0.00
14	T	tert-Butyl alcohol	50.000	48.828	2.3	100	0.00
	T	Acetonitrile	-1.000	0.000	0.0	112	-0.02
	T	Iodomethane	10.000	11.908	-19.1	115	0.00
17	T	Methyl acetate	10.000	1.139	88.6#	11	0.00
18	T	Methylene chloride	10.000	10.248	-2.5	100	0.00
19	T	Carbon disulfide	10.000	8.166	18.3	80	0.00
20	T	Acrylonitrile	20.000	21.041	-5.2	101	0.00
21	T	tert-Butyl methyl ether (MT	10.000	9.938	0.6	105	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.634	3.7	95	0.00
23	T	Isopropyl ether (DIPE)	10.000	10.434	-4.3	103	0.00
24	P,T	1,1-Dichloroethane	10.000	9.974	0.3	97	-0.02
25	T	Vinyl acetate	10.000	10.219	-2.2	105	0.00
26	T	tert-Butyl ethyl ether (ETB	10.000	11.827	-18.3	107	0.00
27	T	2-Butanone	10.000	9.433	5.7	99	0.00
28	T	2,2-Dichloropropane	10.000	7.786	22.1#	84	0.00
29	T	cis-1,2-Dichloroethene	10.000	10.223	-2.2	98	-0.02
30	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	116	0.00
31	C,T	Chloroform	10.000	10.277	-2.8	101	0.00
32	T	Bromochloromethane	10.000	10.853	-8.5	107	0.00
33	T	Tetrahydrofuran	-1.000	0.000	0.0	86	-0.02
34	T	1,1,1-Trichloroethane	10.000	9.732	2.7	98	0.00
35	T	Cyclohexane	10.000	0.080	99.2#	1	0.03
36	T	tert-Amyl methyl ether (TAM	10.000	11.584	-15.8	108	0.00
37	S	1,2-Dichloroethane-d4	10.000	11.024	-10.2	101	-0.02
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	99	0.00
39	T	1,1-Dichloropropene	10.000	9.975	0.3	99	0.00
	T	Carbon tetrachloride	10.000	9.637	3.6	96	0.00

(#) = Out of Range

Data File : D:\HPCHEM\1\DATA\06J06\RJQ176.D
Acq On : 7 Oct 2006 5:34 am
Sample : CVO05J0505
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	10.269	-2.7	101	0.00
42	M,T	Benzene	10.000	10.123	-1.2	101	0.00
43	M,T	Trichloroethene	10.000	9.855	1.4	98	0.00
44	T	Methylcyclohexane	10.000	0.015	99.8#	0	0.00
45	C,T	1,2-Dichloropropane	10.000	10.646	-6.5	107	0.00
46	T	Bromodichloromethane	10.000	10.516	-5.2	103	0.00
47	T	Dibromomethane	10.000	10.779	-7.8	105	-0.02
48	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	140	-0.02
49	T	4-Methyl-2-pentanone	10.000	9.789	2.1	92	0.00
50	T	cis-1,3-Dichloropropene	10.000	10.618	-6.2	102	0.00
51	S	Toluene-d8	10.000	10.315	-3.1	97	0.00
52	C,TM	Toluene	10.000	10.277	-2.8	102	0.00
53	T	Ethyl methacrylate	10.000	9.921	0.8	109	-0.02
54	T	trans-1,3-Dichloropropene	10.000	10.971	-9.7	103	-0.02
55	T	1,1,2-Trichloroethane	10.000	10.720	-7.2	110	-0.02
56	T	2-Hexanone	10.000	8.896	11.0	89	-0.02
57	T	1,3-Dichloropropane	10.000	10.638	-6.4	105	-0.02
58	T	Tetrachloroethene	10.000	9.698	3.0	95	-0.02
59	T	Dibromochloromethane	10.000	10.900	-9.0	106	0.00
60	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	97	0.00
61	T	1,2-Dibromoethane	10.000	9.956	0.4	93	-0.02
62	T	1-Chlorohexane	10.000	9.873	1.3	96	0.00
63	P,M	Chlorobenzene	10.000	10.083	-0.8	101	-0.02
64	T	1,1,1,2-Tetrachloroethane	10.000	10.376	-3.8	100	-0.02
65	C,T	Ethylbenzene	10.000	10.131	-1.3	99	0.00
66	T	m-Xylene & p-Xylene	20.000	20.305	-1.5	98	-0.02
67	T	o-Xylene	10.000	10.427	-4.3	99	0.00
68	T	Styrene	10.000	10.154	-1.5	96	0.00
69	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	97	0.00
70	P,T	Bromoform	10.000	9.932	0.7	108	-0.02
71	T	Isopropylbenzene	10.000	10.245	-2.4	99	0.00
72	P,T	1,1,2,2-Tetrachloroethane	10.000	11.127	-11.3	108	-0.02
73	S	4-Bromofluorobenzene	10.000	10.743	-7.4	99	0.00
74	T	1,2,3-Trichloropropane	10.000	10.293	-2.9	105	-0.02
75	T	trans-1,4-Dichloro-2-butene	10.000	9.124	8.8	97	0.00
76	T	n-Propylbenzene	10.000	9.973	0.3	96	-0.02
77	T	Bromobenzene	10.000	10.230	-2.3	99	-0.02
78	T	2-Chlorotoluene	10.000	10.093	-0.9	99	-0.02
79	T	1,3,5-Trimethylbenzene	10.000	10.113	-1.1	98	0.00
80	T	4-Chlorotoluene	10.000	9.828	1.7	97	0.00

(#) = Out of Range

Data File : D:\HPCHEM\1\DATA\06J06\RJQ176.D
Acq On : 7 Oct 2006 5:34 am
Sample : CV005J0505
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	tert-Butylbenzene	10.000	10.086	-0.9	97	-0.02
82	T	1,2,4-Trimethylbenzene	10.000	10.084	-0.8	96	-0.02
83	T	sec-Butylbenzene	10.000	10.053	-0.5	97	0.00
84	T	p-Isopropyltoluene	10.000	9.982	0.2	95	0.00
85	T	1,3-Dichlorobenzene	10.000	10.048	-0.5	98	-0.02
86	T	1,4-Dichlorobenzene	10.000	9.949	0.5	98	-0.02
87	T	n-Butylbenzene	10.000	9.617	3.8	92	-0.02
88	T	1,2-Dichlorobenzene	10.000	10.081	-0.8	101	-0.02
89	T	1,2-Dibromo-3-chloropropane	10.000	9.136	8.6	96	0.00
90	T	1,2,4-Trichlorobenzene	10.000	9.609	3.9	94	-0.02
91	T	Hexachlorobutadiene	10.000	9.141	8.6	91	-0.02
92	T	Naphthalene	10.000	8.302	17.0	93	-0.02
93	T	1,2,3-Trichlorobenzene	10.000	9.594	4.1	96	0.00

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J06\RJQ176.D
Acq On : 7 Oct 2006 5:34 am
Sample : CV005J0505
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	98	-0.02
2	T	Dichlorodifluoromethane	0.540	0.578	-7.0	94	0.00
3	P,T	Chloromethane	0.619	0.609	1.6	89	0.00
4	C,T	Vinyl chloride	0.515	0.573	-11.3	99	0.00
5	T	Bromomethane	0.371	0.397	-7.0	108	0.00
6	T	Chloroethane	0.331	0.356	-7.6	102	0.00
7	T	Dichlorofluoromethane	0.959	0.883	7.9	91	0.00
8	T	Trichlorofluoromethane	0.648	0.716	-10.5	97	0.00
9	T	sec-Propyl alcohol	0.000	0.000	0.0	103	0.00
10	T	Acrolein	0.022	0.020	9.1	87	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.271	0.239	11.8	86	0.00
12	T	Acetone	0.054	0.059	-9.3	95	0.00
13	C,TM	1,1-Dichloroethene	0.602	0.549	8.8	88	0.00
14	T	tert-Butyl alcohol	0.018	0.017	5.6	100	0.00
15	T	Acetonitrile	0.000	0.000	0.0	112	-0.02
16	T	Iodomethane	0.221	0.305	-38.0#	115	0.00
17	T	Methyl acetate	0.115	0.013	88.7#	11#	0.00
18	T	Methylene chloride	0.528	0.476	9.8	100	0.00
19	T	Carbon disulfide	1.266	1.033	18.4	80	0.00
20	T	Acrylonitrile	0.048	0.050	-4.2	101	0.00
21	T	tert-Butyl methyl ether (MT	0.395	0.392	0.8	105	0.00
22	T	trans-1,2-Dichloroethene	0.607	0.585	3.6	95	0.00
23	T	Isopropyl ether (DIPE)	1.084	1.131	-4.3	103	0.00
24	P,T	1,1-Dichloroethane	0.727	0.725	0.3	97	-0.02
25	T	Vinyl acetate	0.401	0.409	-2.0	105	0.00
26	T	tert-Butyl ethyl ether (ETB	0.553	0.654	-18.3	107	0.00
27	T	2-Butanone	0.059	0.055	6.8	99	0.00
28	T	2,2-Dichloropropane	0.388	0.302	22.2#	84	0.00
29	T	cis-1,2-Dichloroethene	0.589	0.602	-2.2	98	-0.02
30	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	116	0.00
31	C,T	Chloroform	0.643	0.660	-2.6	101	0.00
32	T	Bromochloromethane	0.257	0.279	-8.6	107	0.00
33	T	Tetrahydrofuran	0.000	0.000	0.0	86	-0.02
34	T	1,1,1-Trichloroethane	0.509	0.495	2.8	98	0.00
35	T	Cyclohexane	0.668	0.005	99.3#	1#	0.03
36	T	tert-Amyl methyl ether (TAM	0.383	0.444	-15.9	108	0.00
37	S	1,2-Dichloroethane-d4	0.286	0.315	-10.1	101	-0.02
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	99	0.00
39	T	1,1-Dichloropropene	0.209	0.209	0.0	99	0.00
40	T	Carbon tetrachloride	0.532	0.513	3.6	96	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J06\RJQ176.D
Acq On : 7 Oct 2006 5:34 am
Sample : CVO05J0505
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.452	0.464	-2.7	101	0.00
42	M,T	Benzene	1.593	1.612	-1.2	101	0.00
43	M,T	Trichloroethene	0.450	0.444	1.3	98	0.00
44	T	Methylcyclohexane	0.730	0.001	99.9#	0#	0.00
45	C,T	1,2-Dichloropropane	0.401	0.427	-6.5	107	0.00
46	T	Bromodichloromethane	0.477	0.502	-5.2	103	0.00
47	T	Dibromomethane	0.160	0.173	-8.1	105	-0.02
48	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	140	-0.02
49	T	4-Methyl-2-pentanone	0.152	0.149	2.0	92	0.00
50	T	cis-1,3-Dichloropropene	0.445	0.472	-6.1	102	0.00
51	S	Toluene-d8	1.316	1.357	-3.1	97	0.00
52	C,TM	Toluene	0.956	0.982	-2.7	102	0.00
53	T	Ethyl methacrylate	0.247	0.270	-9.3	109	-0.02
54	T	trans-1,3-Dichloropropene	0.320	0.351	-9.7	103	-0.02
[illegible]	T	1,1,2-Trichloroethane	0.197	0.211	-7.1	110	-0.02
[illegible]	T	2-Hexanone	0.101	0.090	10.9	89	-0.02
57	T	1,3-Dichloropropane	0.381	0.406	-6.6	105	-0.02
58	T	Tetrachloroethene	0.323	0.313	3.1	95	-0.02
59	T	Dibromochloromethane	0.240	0.262	-9.2	106	0.00
60	T	2-Ethyl-1-butanol	0.000	0.000	0.0	97	0.00
61	T	1,2-Dibromoethane	0.131	0.131	0.0	93	-0.02
62	T	1-Chlorohexane	0.618	0.610	1.3	96	0.00
63	P,M	Chlorobenzene	0.961	0.969	-0.8	101	-0.02
64	T	1,1,1,2-Tetrachloroethane	0.310	0.322	-3.9	100	-0.02
65	C,T	Ethylbenzene	1.875	1.900	-1.3	99	0.00
66	T	m-Xylene & p-Xylene	1.423	1.445	-1.5	98	-0.02
67	T	o-Xylene	1.375	1.434	-4.3	99	0.00
68	T	Styrene	0.929	0.944	-1.6	96	0.00
69	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	97	0.00
70	P,T	Bromoform	0.277	0.322	-16.2	108	-0.02
71	T	Isopropylbenzene	5.114	5.240	-2.5	99	0.00
72	P,T	1,1,2,2-Tetrachloroethane	0.629	0.700	-11.3	108	-0.02
73	S	4-Bromofluorobenzene	1.237	1.329	-7.4	99	0.00
74	T	1,2,3-Trichloropropane	0.122	0.135	-10.7	105	-0.02
75	T	trans-1,4-Dichloro-2-butene	0.164	0.153	6.7	97	0.00
76	T	n-Propylbenzene	6.714	6.696	0.3	96	-0.02
77	T	Bromobenzene	0.954	0.976	-2.3	99	-0.02
78	T	2-Chlorotoluene	4.055	4.093	-0.9	99	-0.02
79	T	1,3,5-Trimethylbenzene	3.988	4.033	-1.1	98	0.00
[illegible]	T	4-Chlorotoluene	3.642	3.580	1.7	97	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J06\RJQ176.D
Acq On : 7 Oct 2006 5:34 am
Sample : CVO05J0505
Misc : 10.0ppb/10.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	tert-Butylbenzene	3.897	3.930	-0.8	97	-0.02
82	T	1,2,4-Trimethylbenzene	3.830	3.862	-0.8	96	-0.02
83	T	sec-Butylbenzene	5.602	5.632	-0.5	97	0.00
84	T	p-Isopropyltoluene	4.242	4.234	0.2	95	0.00
85	T	1,3-Dichlorobenzene	1.967	1.977	-0.5	98	-0.02
86	T	1,4-Dichlorobenzene	1.874	1.864	0.5	98	-0.02
87	T	n-Butylbenzene	4.373	4.205	3.8	92	-0.02
88	T	1,2-Dichlorobenzene	1.614	1.627	-0.8	101	-0.02
89	T	1,2-Dibromo-3-chloropropane	0.066	0.066	0.0	96	0.00
90	T	1,2,4-Trichlorobenzene	0.915	0.879	3.9	94	-0.02
91	T	Hexachlorobutadiene	0.767	0.701	8.6	91	-0.02
92	T	Naphthalene	1.124	1.057	6.0	93	-0.02
93	T	1,2,3-Trichlorobenzene	0.735	0.706	3.9	96	0.00

ANALYTICAL LOGS

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 2 ☐ EMAX-524.2 Rev.No. 3 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 10.5.06 ☐ 5-ml Purge ☑ 25-ml Purge **Book # A05 -033**

BATCH V005J05

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RJQ 117	BFB 05 J11 x	5µl	NA	NA		4:52 pm
02	118	12					
03	119	V005J05 1	.03/.12 .15µl				8260, Gas/Ketones/Acrolein/TBA/Acrylo .3 / .6 / 1.5 / 1.9 ppb
04	120	2	.05/.1 .25µl				.5 / 1 / 2.5 / 1.5
05	121	3	.1/.2/.5µl				1 / 2 / 5 / 3
06	122	4	.2/.4/1µl				2 / 4 / 10 / 6
07	123	5	.5/1/2.5µl				5 / 10 / 25 / 15
08	124	6	1/2/5µl				10 / 20 / 50 / 20
09	125	7	2/4/10µl				20 / 40 / 100 / 60
10	126	8	3/6/15µl				30 / 60 / 150 / 90
11	127	9	4/8/20µl				40 / 80 / 200 / 120
12	128	10	5/10/25µl				50 / 100 / 250 / 150
13	129	IS/SS	5ml				
14	130	V005J12B					
15	131	IV005J05 01	1/10/5µl				10/20/50/30 ppb
16	132	02					
17	133	03	5µl				10ppb For 3 add. exp's
18	134	04					3:19 am
19							
20							
21							
22							
23							DN 10.5.06
24							
25							

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	10/5/06
ICAL ID	V005J05

STANDARDS		
NAME	ID	CONC. (mg/L)
DCC 8260	SVIC.11.38.3	50/250
DCC Ket-AA Gases	.39.1 .33.3	250 250
DCC 3 add	.31.3	250
BFB	.21.1	50
IS/SURR. IS gas	.29.2 .30.2	250 250
LCS 8260 Ket-AA	.27.1 .28.2	50/250 50
LCS Gases add	.34.2 .12.3	250 50
LCS CH2Cl2,F	SVIA.11.73	100
SOLVENT	ID	
METHANOL		
DATA FILE	06J05	

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T005	

Comments:

Analyzed By: DN

Date Disposed: 10/6/06

Disposed By: DN

MAX LABORATORIES, INC. 1835 W. 20th St. Tacoma, CA 98405

2952

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 2 ☐ EMAX-524.2 Rev.No. 3 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 10.6.06 ☐ 5-ml Purge ☑ 25-ml Purge **Book # A05 -033**

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	12 JQ 154	BFB 05 J15	2 µl				3:52pm
02	155	IV005 J0505	1/5 1 µl				
03	156	CV005 J0503	1/1 1 µl				
04	157	V005 J15Y	1/10 1 µl				
05	158	V005 J15 L	1/10 1 µl				
06	159	C					
07	160	B	25 ml				
08	161	Q					
09	162	06 I272-03R	25 ml	1	<2		
10	163	06 I286-06T	5 ml	5	7		
11	164	-07T					
12	165	06 J021 -01R	25 ml	1	<2		
13	166	-10R					
14	167	06J050-02	25 ml	1	<2		
15	168	-01					
16	169	06J021 -02	25 ml	1			
17	170	-03					
18	171	-04					
19	172	-05					
20	173	-06					3:42am
21							
22							
23							DN 10.6.06
24							
25							

BATCH CV0105J05.07

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	10/5/06
ICAL ID	V005J05

STANDARDS

NAME	ID	CONC. (mg/L)
DCC	SVIC.11.38.3	
DCC	.39.1	
DCC	.33.3	
BFB	.21.1	50/250/100
IS/SURR.	.32.2	
LCS	.27.1	
LCS	.38.7 .34.2	
LCS	SVIA.11.73	

SOLVENT	ID
METHANOL	
DATA FILE	06J06

Electronic Data Archival

Location	Date
HPCHEM_VOA/T005	

Comments:

Analyzed By: DN

Date Disposed: 10/10/06

Disposed By: DN

EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 2 ☐ EMAX-524.2 Rev.No. 3 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 10.7.06 ☐ 5-ml Purge ☑ 25-ml Purge **Book # A05 -033**

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	R JQ 174	DAB05 J16 ✓	5ml				4:20 am
02	175	17					
03	176	CV005 J05 05 ✓	1/1/5ml				
04	177	06					
05	178	V005 J17 2 ✓	1/10/5ml				
06	179	2 ✓					
07	180	B	25ml				
08	181	Q ✓					
09	182	06 J021 -07 ✓	25ml	1	<2		
10	183	-08 ✓					
11	184	-09 ✓					
12	185	-11 ✓					
13	186	-12 ✓					
14	187	-13 ✓					
15	188	-14 ✓					
16	189	-15 ✓					
17	190	-16 ✓					
18	191	-17 ✓					2:51 pm
19	192	RINSE					
20	193						
21							
22							
23							DN 10.6.06
24							
25							

BATCH V005 J06 05

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	10/5/06
ICAL ID	V005J05

STANDARDS		
NAME	ID	CONC. (mg/L)
DCC	SMC. 11.38.3	
DCC	.39.1	
DCC	.33.3	
BFB	.21.1	50/250
IS/SURR.	.32.2	
LCS	.27.1	
LCS	.28.2	
LCS	.34.2	

SOLVENT	ID
METHANOL	
DATA FILE	06 J06

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T005	

Comments:

Analyzed By: DN

Date Disposed: 10/10/06

Disposed By: DN

EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

LABORATORY REPORT FOR

TETRA TECH, INC.

LMC BEAUMONT SITE 2

METHOD 314.0
PERCHLORATE

SDG#: 06J021

CASE NARRATIVE

CLIENT: **TETRA TECH, INC.**

PROJECT: **LMC BEAUMONT SITE 2**

SDG: **06J021**

METHOD 314.0
PERCHLORATE

Fifteen (15) water samples were received on 10/04/06 for Perchlorate analysis by Method 314.0 in accordance with "Method for Determination of Perchlorate by Ion Chromatography", EPA 600/98-118.

1. **Holding Time**

   Analysis met holding time criteria.

2. **Method Blank**

   Method blanks were free of contamination at half of the reporting limit.

3. **Lab Control Sample/Lab Control Sample Duplicate**

   Lab control sample results were within QC limits.

4. **Duplicate**

   Sample J021-17 was analyzed for duplicate. %RPD was within QC limit.

5. **Matrix Spike**

   Sample J021-17 was spiked. Recovery was within QC limit.

6. **Sample Analysis**

   Samples were analyzed according to the prescribed QC procedures. All criteria were met.

SAMPLE RESULTS

METHOD 314.0
PERCHLORATE

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2
Batch No. : 06J021

Matrix : WATER
Instrument ID : I57

SAMPLE ID	EMAX SAMPLE ID	RESULTS (ug/L)	DLF	MOIST	RL (ug/L)	MDL (ug/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	PCJ003WB	ND	1	NA	2.00	0.500	10/16/0618:01	NA	JJ16002	JJ16001	PCJ003W	NA	NA
LCS1W	PCJ003WL	9.89	1	NA	2.00	0.500	10/16/0618:41	NA	JJ16004	JJ16001	PCJ003W	NA	NA
LCD1W	PCJ003WC	9.60	1	NA	2.00	0.500	10/16/0619:02	NA	JJ16005	JJ16001	PCJ003W	NA	NA
TT-MW2-2	J021-02	ND	1	NA	2.00	0.500	10/16/0619:22	NA	JJ16006	JJ16001	PCJ003W	10/02/06	10/04/06
TT-MW2-4S	J021-03	ND	1	NA	2.00	0.500	10/16/0619:42	NA	JJ16007	JJ16001	PCJ003W	10/02/06	10/04/06
TT-MW2-4D	J021-04	ND	1	NA	2.00	0.500	10/16/0620:02	NA	JJ16008	JJ16001	PCJ003W	10/02/06	10/04/06
TT-MW2-6D	J021-05	ND	1	NA	2.00	0.500	10/16/0620:23	NA	JJ16009	JJ16001	PCJ003W	10/02/06	10/04/06
LEB-100306-PP	J021-11	ND	1	NA	2.00	0.500	10/16/0622:24	NA	JJ16015	JJ16012	PCJ003W	10/03/06	10/04/06
TT-MW2-9D	J021-16	28.8	1	NA	2.00	0.500	10/17/0600:06	NA	JJ16020	JJ16012	PCJ003W	10/03/06	10/04/06
TT-MW2-16	J021-17	3.79	1	NA	2.00	0.500	10/17/0600:26	NA	JJ16021	JJ16012	PCJ003W	10/03/06	10/04/06
TT-MW2-16DUP	J021-17D	3.68	1	NA	2.00	0.500	10/17/0600:46	NA	JJ16022	JJ16012	PCJ003W	10/03/06	10/04/06
TT-MW2-16MS	J021-17M	13.2	1	NA	2.00	0.500	10/17/0601:27	NA	JJ16024	JJ16023	PCJ003W	10/03/06	10/04/06
MBLK2W	PCJ005WB	ND	1	NA	2.00	0.500	10/17/0614:40	NA	JJ17002	JJ17001	PCJ005W	NA	NA
LCS2W	PCJ005WL	10.6	1	NA	2.00	0.500	10/17/0615:20	NA	JJ17004	JJ17001	PCJ005W	NA	NA
LCD2W	PCJ005WC	10.4	1	NA	2.00	0.500	10/17/0615:41	NA	JJ17005	JJ17001	PCJ005W	NA	NA
LEB-100306-B	J021-14R	ND	1	NA	2.00	0.500	10/17/0618:23	NA	JJ17013	JJ17012	PCJ005W	10/03/06	10/04/06
MBLK3W	PCJ006WB	ND	1	NA	2.00	0.500	10/17/0623:44	NA	JJ17027	JJ17026	PCJ006W	NA	NA
LCS3W	PCJ006WL	10.7	1	NA	2.00	0.500	10/18/0600:24	NA	JJ17029	JJ17026	PCJ006W	NA	NA
LCD3W	PCJ006WC	10.6	1	NA	2.00	0.500	10/18/0600:45	NA	JJ17030	JJ17026	PCJ006W	NA	NA
TT-MW2-6S	J021-06	298	16	NA	32.0	8.00	10/18/0601:05	NA	JJ17031	JJ17026	PCJ006W	10/02/06	10/04/06
TT-MW2-5	J021-07	981	100	NA	200	50.0	10/18/0601:25	NA	JJ17032	JJ17026	PCJ006W	10/02/06	10/04/06
TT-MW2-1	J021-08	4850	200	NA	400	100	10/18/0601:45	NA	JJ17033	JJ17026	PCJ006W	10/02/06	10/04/06
TT-MW2-1 (DUP)	J021-09	4750	200	NA	400	100	10/18/0602:06	NA	JJ17034	JJ17026	PCJ006W	10/02/06	10/04/06
TT-MW2-8	J021-12	347	16	NA	32.0	8.00	10/18/0602:26	NA	JJ17035	JJ17026	PCJ006W	10/03/06	10/04/06
TT-MW2-7	J021-13	379	16	NA	32.0	8.00	10/18/0602:46	NA	JJ17036	JJ17026	PCJ006W	10/03/06	10/04/06
TT-MW2-9S	J021-15	324	16	NA	32.0	8.00	10/18/0603:27	NA	JJ17038	JJ17037	PCJ006W	10/03/06	10/04/06

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J021
METHOD: METHOD 314.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	PCJ003WB	PCJ003WL	PCJ003WC		
LAB FILE ID:	JJ16002	JJ16004	JJ16005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/16/0618:01	10/16/0618:41	10/16/0619:02	DATE RECEIVED:	NA
PREP. BATCH:	PCJ003W	PCJ003W	PCJ003W		
CALIB. REF:	JJ16001	JJ16001	JJ16001		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Perchlorate	ND	10.0	9.89	99	10.0	9.60	96	3	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J021
METHOD: METHOD 314.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	PCJ005WB	PCJ005WL	PCJ005WC		
LAB FILE ID:	JJ17002	JJ17004	JJ17005		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/17/0614:40	10/17/0615:20	10/17/0615:41	DATE RECEIVED:	NA
PREP. BATCH:	PCJ005W	PCJ005W	PCJ005W		
CALIB. REF:	JJ17001	JJ17001	JJ17001		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Perchlorate	ND	10.0	10.6	106	10.0	10.4	104	2	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J021
METHOD: METHOD 314.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK3W				
LAB SAMP ID:	PCJ006WB	PCJ006WL	PCJ006WC		
LAB FILE ID:	JJ17027	JJ17029	JJ17030		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/17/0623:44	10/18/0600:24	10/18/0600:45	DATE RECEIVED:	NA
PREP. BATCH:	PCJ006W	PCJ006W	PCJ006W		
CALIB. REF:	JJ17026	JJ17026	JJ17026		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Perchlorate	ND	10.0	10.7	107	10.0	10.6	106	1	85-115	20

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EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J021
METHOD: METHOD 314.0

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	1	1		
SAMPLE ID:	TT-MW2-16			
LAB SAMP ID:	J021-17	J021-17M		
LAB FILE ID:	JJ16021	JJ16024		
DATE EXTRACTED:	NA	NA	DATE COLLECTED:	10/03/06
DATE ANALYZED:	10/17/0600:26	10/17/0601:27	DATE RECEIVED:	10/04/06
PREP. BATCH:	PCJ003W	PCJ003W		
CALIB. REF:	JJ16012	JJ16023		

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	QC LIMIT (%)
Perchlorate	3.79	10.0	13.2	94	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J021
METHOD: METHOD 314.0

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	1	1		
SAMPLE ID:	TT-MW2-16			
EMAX SAMP ID:	J021-17	J021-17D		
LAB FILE ID:	JJ16021	JJ16022		
DATE EXTRACTED:	NA	NA	DATE COLLECTED:	10/03/06
DATE ANALYZED:	10/17/0600:26	10/17/0600:46	DATE RECEIVED:	10/04/06
PREP. BATCH:	PCJ003W	PCJ003W		
CALIB. REF:	JJ16012	JJ16012		

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	DUPL RSLT (ug/L)	RPD RSLT %	QC LIMIT (%)
Perchlorate	3.79	3.68	3	20

INITIAL CALIBRATION

IC PULSE HEIGHT FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JI05001	IB	P	ND	09/05/0620:02	1
JI05002	S-0.0	P	ND	09/05/0620:22	1
JI05003	S-2.0	P	28493	09/05/0620:42	1
JI05004	S-4.0	P	54379	09/05/0621:03	1
JI05005	S-10.0	P	141602	09/05/0621:23	1
JI05006	BADINJ	P	205467	09/05/0621:43	1
JI05007	S-25.0	P	340820	09/05/0622:04	1
JI05008	S-30.0	P	407471	09/05/0622:24	1
JI05009	ICV	P	338048	09/05/0622:44	1
JI05010	ICB	P	ND	09/05/0623:04	1
JI05011	IPCS	P	286902	09/05/0623:25	1
JI05012	PCI001SB	P	ND	09/05/0623:45	1
JI05013	MRL	P	28004	09/06/0600:05	1
JI05014	PCI001SL	P	138591	09/06/0600:25	1
JI05015	PCI001SC	P	138066	09/06/0600:46	1
JI05016	H175-01	P	205335	09/06/0601:06	2000
JI05017	H175-02	P	210586	09/06/0601:26	200
JI05018	H175-03	P	168020	09/06/0601:46	2000
JI05019	H175-04	P	34109	09/06/0602:07	5
JI05020	H175-04D	P	33029	09/06/0602:27	5
JI05021	H175-04M	P	161194	09/06/0602:47	5
JI05022	CCV32-15	P	200704	09/06/0603:07	1
JI05023	CCV32-15	P	198701	09/06/0603:28	1
JI05024	H156-06	P	192356	09/06/0603:48	1000
JI05025	H156-07	P	106298	09/06/0604:08	500
JI05026	H174-09	P	128813	09/06/0604:28	500
JI05027	H174-10	P	169948	09/06/0604:49	500
JI05028	CCV33-30	P	399865	09/06/0605:09	1
JI05029	CCV33-30	P	403547	09/06/0605:29	1
JI05030	H198-01	P	168883	09/06/0605:49	500
JI05031	H198-02	P	150267	09/06/0606:10	500
JI05032	H198-03	P	184315	09/06/0606:30	500
JI05033	H198-04	P	310829	09/06/0606:50	2000
JI05034	H197-01	P	ND	09/06/0607:10	1
JI05035	H197-02	P	ND	09/06/0607:31	1
JI05036	H197-03	P	ND	09/06/0607:51	1
JI05037	H197-04	P	ND	09/06/0608:11	5
JI05038	CCV34-15	P	205596	09/06/0608:31	1

---------- Con = A + B * PulseHeight----------

coef A : -.1668
coef B : .00007384
coef CCF : .9999

---------- PulseHeight = C + D * Con ----------

coef C : 2294
coef D : 13540
coef CCF : .9999

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IC RESULT FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JI05001	IB	P	.000	09/05/0620:02	1
JI05002	S-0.0	P	.0000	09/05/0620:22	1
JI05003	S-2.0	P	2	09/05/0620:42	1
JI05004	S-4.0	P	4	09/05/0621:03	1
JI05005	S-10.0	P	10	09/05/0621:23	1
JI05006	BADINJ	P	15	09/05/0621:43	1
JI05007	S-25.0	P	25	09/05/0622:04	1
JI05008	S-30.0	P	30	09/05/0622:24	1
JI05009	ICV	P	99.2%	09/05/0622:44	1
JI05010	ICB	P	.000	09/05/0623:04	1
JI05011	IPCS	P	84.1%	09/05/0623:25	1
JI05012	PCI001SB	P	.000	09/05/0623:45	1
JI05013	MRL	P	95.1%	09/06/0600:05	1
JI05014	PCI001SL	P	10.1	09/06/0600:25	1
JI05015	PCI001SC	P	10	09/06/0600:46	1
JI05016	H175-01	P	30000	09/06/0601:06	2000
JI05017	H175-02	P	3080	09/06/0601:26	200
JI05018	H175-03	P	24500	09/06/0601:46	2000
JI05019	H175-04	P	11.8	09/06/0602:07	5
JI05020	H175-04D	P	11.4	09/06/0602:27	5
JI05021	H175-04M	P	58.7	09/06/0602:47	5
JI05022	CCV32-15	P	97.7%	09/06/0603:07	1
JI05023	CCV32-15	P	96.7%	09/06/0603:28	1
JI05024	H156-06	P	14000	09/06/0603:48	1000
JI05025	H156-07	P	3840	09/06/0604:08	500
JI05026	H174-09	P	4670	09/06/0604:28	500
JI05027	H174-10	P	6190	09/06/0604:49	500
JI05028	CCV33-30	P	97.9%	09/06/0605:09	1
JI05029	CCV33-30	P	98.8%	09/06/0605:29	1
JI05030	H198-01	P	6150	09/06/0605:49	500
JI05031	H198-02	P	5460	09/06/0606:10	500
JI05032	H198-03	P	6720	09/06/0606:30	500
JI05033	H198-04	P	45600	09/06/0606:50	2000
JI05034	H197-01	P	.000	09/06/0607:10	1
JI05035	H197-02	P	.000	09/06/0607:31	1
JI05036	H197-03	P	.000	09/06/0607:51	1
JI05037	H197-04	P	.000	09/06/0608:11	5
JI05038	CCV34-15	P	100%	09/06/0608:31	1

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IC RETENTION TIME FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JI05001	IB	P	ND	09/05/0620:02	1
JI05002	S-0.0	P	ND	09/05/0620:22	1
JI05003	S-2.0	P	11.992	09/05/0620:42	1
JI05004	S-4.0	P	12.017	09/05/0621:03	1
[illegible]005	S-10.0	P	12.025	09/05/0621:23	1
[illegible]06	BADINJ	P	12.025	09/05/0621:43	1
JI05007	S-25.0	P	12.025	09/05/0622:04	1
JI05008	S-30.0	P	12.025	09/05/0622:24	1
JI05009	ICV	P	12.033	09/05/0622:44	1
JI05010	ICB	P	ND	09/05/0623:04	1
JI05011	IPCS	P	11.958	09/05/0623:25	1
JI05012	PCI001SB	P	ND	09/05/0623:45	1
JI05013	MRL	P	12.050	09/06/0600:05	1
JI05014	PCI001SL	P	12.058	09/06/0600:25	1
JI05015	PCI001SC	P	12.058	09/06/0600:46	1
JI05016	H175-01	P	12.067	09/06/0601:06	2000
JI05017	H175-02	P	12.033	09/06/0601:26	200
JI05018	H175-03	P	12.042	09/06/0601:46	2000
JI05019	H175-04	P	12.050	09/06/0602:07	5
JI05020	H175-04D	P	12.008	09/06/0602:27	5
JI05021	H175-04M	P	12.092	09/06/0602:47	5
JI05022	CCV32-15	P	12.033	09/06/0603:07	1
JI05023	CCV32-15	P	12.033	09/06/0603:28	1
JI05024	H156-06	P	12.042	09/06/0603:48	1000
JI05025	H156-07	P	12.008	09/06/0604:08	500
JI05026	H174-09	P	12.025	09/06/0604:28	500
JI05027	H174-10	P	12.033	09/06/0604:49	500
JI05028	CCV33-30	P	12.033	09/06/0605:09	1
JI05029	CCV33-30	P	12.050	09/06/0605:29	1
JI05030	H198-01	P	12.033	09/06/0605:49	500
JI05031	H198-02	P	12.017	09/06/0606:10	500
JI05032	H198-03	P	12.033	09/06/0606:30	500
JI05033	H198-04	P	12.033	09/06/0606:50	2000
JI05034	H197-01	P	ND	09/06/0607:10	1
JI05035	H197-02	P	ND	09/06/0607:31	1
JI05036	H197-03	P	ND	09/06/0607:51	1
[illegible]5037	H197-04	P	ND	09/06/0608:11	5
[illegible]38	CCV34-15	P	12.000	09/06/0608:31	1

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SECOND SOURCE

IC SEQ FORM (ESD)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
JI05001	IB	P	IC57I05	09/05/0620:02	1
JI05002	S-0.0	P	IC57I05	09/05/0620:22	1
JI05003	S-2.0	P	IC57I05	09/05/0620:42	1
JI05004	S-4.0	P	IC57I05	09/05/0621:03	1
JI05005	S-10.0	P	IC57I05	09/05/0621:23	1
JI05006	BADINJ	P	IC57I05	09/05/0621:43	1
JI05007	S-25.0	P	IC57I05	09/05/0622:04	1
JI05008	S-30.0	P	IC57I05	09/05/0622:24	1
JI05009	ICV	P	IC57I05	09/05/0622:44	1
JI05010	ICB	P	IC57I05	09/05/0623:04	1
JI05011	IPCS	P	IC57I05	09/05/0623:25	1
JI05012	PCI001SB	P	IC57I05	09/05/0623:45	1
JI05013	MRL	P	IC57I05	09/06/0600:05	1
JI05014	PCI001SL	P	IC57I05	09/06/0600:25	1
JI05015	PCI001SC	P	IC57I05	09/06/0600:46	1
JI05016	H175-01	P	IC57I05	09/06/0601:06	2000
JI05017	H175-02	P	IC57I05	09/06/0601:26	200
JI05018	H175-03	P	IC57I05	09/06/0601:46	2000
JI05019	H175-04	P	IC57I05	09/06/0602:07	5
JI05020	H175-04D	P	IC57I05	09/06/0602:27	5
JI05021	H175-04M	P	IC57I05	09/06/0602:47	5
JI05022	CCV32-15	P	IC57I05	09/06/0603:07	1
JI05023	CCV32-15	P	IC57I05	09/06/0603:28	1
JI05024	H156-06	P	IC57I05	09/06/0603:48	1000
JI05025	H156-07	P	IC57I05	09/06/0604:08	500
JI05026	H174-09	P	IC57I05	09/06/0604:28	500
JI05027	H174-10	P	IC57I05	09/06/0604:49	500
JI05028	CCV33-30	P	IC57I05	09/06/0605:09	1
JI05029	CCV33-30	P	IC57I05	09/06/0605:29	1
JI05030	H198-01	P	IC57I05	09/06/0605:49	500
JI05031	H198-02	P	IC57I05	09/06/0606:10	500
JI05032	H198-03	P	IC57I05	09/06/0606:30	500
JI05033	H198-04	P	IC57I05	09/06/0606:50	2000
JI05034	H197-01	P	IC57I05	09/06/0607:10	1
JI05035	H197-02	P	IC57I05	09/06/0607:31	1
JI05036	H197-03	P	IC57I05	09/06/0607:51	1
JI05037	H197-04	P	IC57I05	09/06/0608:11	5
JI05038	CCV34-15	P	IC57I05	09/06/0608:31	1

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DAILY CALIBRATION

IC SEQ FORM (ESD)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
JJ16001	IPCS	P	IC57I05	10/16/0617:41	1
JJ16002	PCJ003WB	P	IC57I05	10/16/0618:01	1
JJ16003	MRL	P	IC57I05	10/16/0618:21	1
JJ16004	PCJ003WL	P	IC57I05	10/16/0618:41	1
JJ16005	PCJ003WC	P	IC57I05	10/16/0619:02	1
[illegible]006	J021-02	P	IC57I05	10/16/0619:22	1
[illegible]J07	J021-03	P	IC57I05	10/16/0619:42	1
JJ16008	J021-04	P	IC57I05	10/16/0620:02	1
JJ16009	J021-05	P	IC57I05	10/16/0620:23	1
JJ16010	J021-06	*	IC57I05	10/16/0620:43	1
JJ16011	J021-07	*	IC57I05	10/16/0621:03	1
JJ16012	CCV69-15	P	IC57I05	10/16/0621:23	1
JJ16013	J021-08	*	IC57I05	10/16/0621:44	1
JJ16014	J021-09	*	IC57I05	10/16/0622:04	1
JJ16015	J021-11	P	IC57I05	10/16/0622:24	1
JJ16016	J021-12	*	IC57I05	10/16/0622:45	1
JJ16017	J021-13	*	IC57I05	10/16/0623:05	1
JJ16018	J021-14	*	IC57I05	10/16/0623:25	1
JJ16019	J021-15	*	IC57I05	10/16/0623:45	1
JJ16020	J021-16	P	IC57I05	10/17/0600:06	1
JJ16021	J021-17	P	IC57I05	10/17/0600:26	1
JJ16022	J021-17D	P	IC57I05	10/17/0600:46	1
JJ16023	CCV70-30	P	IC57I05	10/17/0601:06	1
JJ16024	J021-17M	P	IC57I05	10/17/0601:27	1
JJ16025	I263-02	P	IC57I05	10/17/0601:47	1
JJ16026	I263-03	P	IC57I05	10/17/0602:07	1
JJ16027	I263-04	P	IC57I05	10/17/0602:27	1
JJ16028	I242-03	P	IC57I05	10/17/0602:48	2
JJ16029	CCV71-15	P	IC57I05	10/17/0603:08	1
JJ16030	IPCS	P	IC57I05	10/17/0603:28	1
JJ16031	PCJ004WB	P	IC57I05	10/17/0603:48	1
JJ16032	MRL	P	IC57I05	10/17/0604:09	1
JJ16033	PCJ004WL	P	IC57I05	10/17/0604:29	1
JJ16034	PCJ004WC	P	IC57I05	10/17/0604:49	1
JJ16035	J068-02	P	IC57I05	10/17/0605:09	1
JJ16036	J068-03	P	IC57I05	10/17/0605:30	1
JJ16037	J068-04	*	IC57I05	10/17/0605:50	1
J[illegible]38	J068-05	*	IC57I05	10/17/0606:10	1
J[illegible]9	J101-01	P	IC57I05	10/17/0606:30	1
JJ[illegible]040	J101-02	P	IC57I05	10/17/0606:51	1
JJ16041	CCV72-30	P	IC57I05	10/17/0607:11	1
JJ16042	J067-02	P	IC57I05	10/17/0607:31	1
JJ16043	J067-03	*	IC57I05	10/17/0607:51	1
JJ16044	J067-04	P	IC57I05	10/17/0608:12	1
JJ16045	J067-05	P	IC57I05	10/17/0608:32	1
JJ16046	J067-06	P	IC57I05	10/17/0608:52	1
JJ16047	J067-07	*	IC57I05	10/17/0609:12	1
JJ16048	J067-07D	*	IC57I05	10/17/0609:33	1
JJ16049	J067-07M	*	IC57I05	10/17/0609:53	1
JJ16050	J098-02	P	IC57I05	10/17/0610:13	1
JJ16051	J098-03	P	IC57I05	10/17/0610:33	1
JJ16052	CCV73-15	P	IC57I05	10/17/0611:35	1
JJ16053	J109-02	P	IC57I05	10/17/0611:56	1
JJ16054	J109-03	*	IC57I05	10/17/0612:47	1
JJ16055	J109-04	*	IC57I05	10/17/0613:07	1
JJ16056	CCV74-30	P	IC57I05	10/17/0613:27	1

IC RESULT FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JJ16001	IPCS	P	90.7%	10/16/0617:41	1
JJ16002	PCJ003WB	P	.000	10/16/0618:01	1
JJ16003	MRL	P	92.8%	10/16/0618:21	1
JJ16004	PCJ003WL	P	9.89	10/16/0618:41	1
JJ16005	PCJ003WC	P	9.6	10/16/0619:02	1
JJ16006	J021-02	P	.000	10/16/0619:22	1
JJ16007	J021-03	P	.000	10/16/0619:42	1
JJ16008	J021-04	P	.000	10/16/0620:02	1
JJ16009	J021-05	P	.000	10/16/0620:23	1
JJ16010	J021-06	*	49E	10/16/0620:43	1
JJ16011	J021-07	*	45.4E	10/16/0621:03	1
JJ16012	CCV69-15	P	99.2%	10/16/0621:23	1
JJ16013	J021-08	*	57.9E	10/16/0621:44	1
JJ16014	J021-09	*	57.8E	10/16/0622:04	1
JJ16015	J021-11	P	.000	10/16/0622:24	1
JJ16016	J021-12	*	.000	10/16/0622:45	1
JJ16017	J021-13	*	54.6E	10/16/0623:05	1
JJ16018	J021-14	*	.000	10/16/0623:25	1
JJ16019	J021-15	*	.000	10/16/0623:45	1
JJ16020	J021-16	P	28.8	10/17/0600:06	1
JJ16021	J021-17	P	3.79	10/17/0600:26	1
JJ16022	J021-17D	P	3.68	10/17/0600:46	1
JJ16023	CCV70-30	P	98%	10/17/0601:06	1
JJ16024	J021-17M	P	13.2	10/17/0601:27	1
JJ16025	I263-02	P	.000	10/17/0601:47	1
JJ16026	I263-03	P	.000	10/17/0602:07	1
JJ16027	I263-04	P	11.9	10/17/0602:27	1
JJ16028	I242-03	P	32	10/17/0602:48	2
JJ16029	CCV71-15	P	102%	10/17/0603:08	1
JJ16030	IPCS	P	88%	10/17/0603:28	1
JJ16031	PCJ004WB	P	.000	10/17/0603:48	1
JJ16032	MRL	P	91%	10/17/0604:09	1
JJ16033	PCJ004WL	P	9.56	10/17/0604:29	1
JJ16034	PCJ004WC	P	9.56	10/17/0604:49	1
JJ16035	J068-02	P	.000	10/17/0605:09	1
JJ16036	J068-03	P	.000	10/17/0605:30	1
JJ16037	J068-04	*	43.7E	10/17/0605:50	1
JJ16038	J068-05	*	42.6E	10/17/0606:10	1
JJ16039	J101-01	P	10.3	10/17/0606:30	1
JJ16040	J101-02	P	9.35	10/17/0606:51	1
JJ16041	CCV72-30	P	94.6%	10/17/0607:11	1
JJ16042	J067-02	P	.000	10/17/0607:31	1
JJ16043	J067-03	*	50.8E	10/17/0607:51	1
JJ16044	J067-04	P	.000	10/17/0608:12	1
JJ16045	J067-05	P	2.73	10/17/0608:32	1
JJ16046	J067-06	P	.000	10/17/0608:52	1
JJ16047	J067-07	*	51.9E	10/17/0609:12	1
JJ16048	J067-07D	*	55.6E	10/17/0609:33	1
JJ16049	J067-07M	*	52.8E	10/17/0609:53	1
JJ16050	J098-02	P	5.93	10/17/0610:13	1
JJ16051	J098-03	P	18.2	10/17/0610:33	1
JJ16052	CCV73-15	P	113%*	10/17/0611:35	1
JJ16053	J109-02	P	22.4	10/17/0611:56	1
JJ16054	J109-03	*	36.7E	10/17/0612:47	1
JJ16055	J109-04	*	36.6E	10/17/0613:07	1
JJ16056	CCV74-30	P	106%	10/17/0613:27	1

IC SEQ FORM (ESD)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
JJ17001	IPCS	P	IC57I05	10/17/0614:20	1
JJ17002	PCJ005WB	P	IC57I05	10/17/0614:40	1
JJ17003	MRL	P	IC57I05	10/17/0615:00	1
JJ17004	PCJ005WL	P	IC57I05	10/17/0615:20	1
[illegible]005	PCJ005WC	P	IC57I05	10/17/0615:41	1
[illegible]006	J021-06	*	IC57I05	10/17/0616:01	8
JJ17007	J021-07	*	IC57I05	10/17/0616:21	20
JJ17008	J021-08	*	IC57I05	10/17/0616:41	100
JJ17009	J021-09	*	IC57I05	10/17/0617:02	100
JJ17010	J021-12	*	IC57I05	10/17/0617:22	8
JJ17011	J021-13	*	IC57I05	10/17/0617:42	8
JJ17012	CCV75-15	P	IC57I05	10/17/0618:02	1
JJ17013	J021-14R	P	IC57I05	10/17/0618:23	1
JJ17014	J021-15	*	IC57I05	10/17/0618:43	8
JJ17015	J068-04	*	IC57I05	10/17/0619:03	500
JJ17016	J068-05	*	IC57I05	10/17/0620:01	500
JJ17017	J067-03	*	IC57I05	10/17/0620:21	5
JJ17018	J067-04	*	IC57I05	10/17/0620:42	500
JJ17019	J067-07	*	IC57I05	10/17/0621:02	1000
JJ17020	J067-07D	*	IC57I05	10/17/0621:22	1000
JJ17021	J067-07M	*	IC57I05	10/17/0621:42	1000
JJ17022	J109-03	P	IC57I05	10/17/0622:03	2
JJ17023	CCV76-30	P	IC57I05	10/17/0622:23	1
JJ17024	J109-04	P	IC57I05	10/17/0622:43	2
JJ17025	CCV77-15	P	IC57I05	10/17/0623:03	1
JJ17026	IPCS	P	IC57I05	10/17/0623:24	1
JJ17027	PCJ006WB	P	IC57I05	10/17/0623:44	1
JJ17028	MRL	P	IC57I05	10/18/0600:04	1
JJ17029	PCJ006WL	P	IC57I05	10/18/0600:24	1
JJ17030	PCJ006WC	P	IC57I05	10/18/0600:45	1
JJ17031	J021-06	P	IC57I05	10/18/0601:05	16
JJ17032	J021-07	P	IC57I05	10/18/0601:25	100
JJ17033	J021-08	P	IC57I05	10/18/0601:45	200
JJ17034	J021-09	P	IC57I05	10/18/0602:06	200
JJ17035	J021-12	P	IC57I05	10/18/0602:26	16
JJ17036	J021-13	P	IC57I05	10/18/0602:46	16
[illegible]037	CCV78-30	P	IC57I05	10/18/0603:07	1
[illegible]038	J021-15	P	IC57I05	10/18/0603:27	16
JJ17039	J068-04	P	IC57I05	10/18/0603:47	1000
JJ17040	J068-05	P	IC57I05	10/18/0604:07	1000
JJ17041	J067-03	P	IC57I05	10/18/0604:28	10
JJ17042	J067-04	P	IC57I05	10/18/0604:48	1000
JJ17043	J067-07	P	IC57I05	10/18/0605:08	2000
JJ17044	J067-07D	P	IC57I05	10/18/0605:28	2000
JJ17045	J067-07M	P	IC57I05	10/18/0605:49	2000
JJ17046	CCV79-15	P	IC57I05	10/18/0606:09	1

IC RESULT FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JJ17001	IPCS	P	95%	10/17/0614:20	1
JJ17002	PCJ005WB	P	.000	10/17/0614:40	1
JJ17003	MRL	P	98.6%	10/17/0615:00	1
JJ17004	PCJ005WL	P	10.6	10/17/0615:20	1
JJ17005	PCJ005WC	P	10.4	10/17/0615:41	1
JJ17006	J021-06	*	293E	10/17/0616:01	8
JJ17007	J021-07	*	989E	10/17/0616:21	20
JJ17008	J021-08	*	4950E	10/17/0616:41	100
JJ17009	J021-09	*	4950E	10/17/0617:02	100
JJ17010	J021-12	*	356E	10/17/0617:22	8
JJ17011	J021-13	*	394E	10/17/0617:42	8
JJ17012	CCV75-15	P	107%	10/17/0618:02	1
JJ17013	J021-14R	P	.000	10/17/0618:23	1
JJ17014	J021-15	*	328E	10/17/0618:43	8
JJ17015	J068-04	*	15700E	10/17/0619:03	500
JJ17016	J068-05	*	14200	10/17/0620:01	500
JJ17017	J067-03	*	195E	10/17/0620:21	5
JJ17018	J067-04	*	5980	10/17/0620:42	500
JJ17019	J067-07	*	22200	10/17/0621:02	1000
JJ17020	J067-07D	*	22700	10/17/0621:22	1000
JJ17021	J067-07M	*	32100E	10/17/0621:42	1000
JJ17022	J109-03	P	35.8	10/17/0622:03	2
JJ17023	CCV76-30	P	107%	10/17/0622:23	1
JJ17024	J109-04	P	35	10/17/0622:43	2
JJ17025	CCV77-15	P	108%	10/17/0623:03	1
JJ17026	IPCS	P	92.8%	10/17/0623:24	1
JJ17027	PCJ006WB	P	.000	10/17/0623:44	1
JJ17028	MRL	P	104%	10/18/0600:04	1
JJ17029	PCJ006WL	P	10.7	10/18/0600:24	1
JJ17030	PCJ006WC	P	10.6	10/18/0600:45	1
JJ17031	J021-06	P	298	10/18/0601:05	16
JJ17032	J021-07	P	981	10/18/0601:25	100
JJ17033	J021-08	P	4850	10/18/0601:45	200
JJ17034	J021-09	P	4750	10/18/0602:06	200
JJ17035	J021-12	P	347	10/18/0602:26	16
JJ17036	J021-13	P	379	10/18/0602:46	16
JJ17037	CCV78-30	P	103%	10/18/0603:07	1
JJ17038	J021-15	P	324	10/18/0603:27	16
JJ17039	J068-04	P	15000	10/18/0603:47	1000
JJ17040	J068-05	P	13900	10/18/0604:07	1000
JJ17041	J067-03	P	191	10/18/0604:28	10
JJ17042	J067-04	P	6350	10/18/0604:48	1000
JJ17043	J067-07	P	22200	10/18/0605:08	2000
JJ17044	J067-07D	P	22500	10/18/0605:28	2000
JJ17045	J067-07M	P	42500	10/18/0605:49	2000
JJ17046	CCV79-15	P	105%	10/18/0606:09	1

ANALYTICAL LOG

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: A57-014

Instrument No.: 57

Analytical Sequence: JJ16

Method File: IC57IOS

Analytical Batch: PCJ003W ; PCJ004W

SOP #	Rev. #
☐ EMAX-300.0	3
☐ EMAX-300.0(M)	0
☑ EMAX-314.0	1
☐ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SW8B - 02-843
ICV	↓ 844
CCV	N/A
CCV-15	SW8B - 02-845
CCV-30	846
LCS	847
MS	↓ 842
IPC	SW8B - 02-848
CMC	SW3B - 02-846
MRL	SW8B - 02-849

CMC Reading (µS/cm)	QC Criteria (µS/cm)	Temp. (°C)
1411	(±) 30	25°C

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ EZ-CHROM	
☐	

Analyzed By: JW

Date: 10/16/06

Method: Ic57i05.met Batch: Jj17.seq Data: Jj17.016 - [Batch: Jj17.seq]

File Edit Method Batch Options Analysis Control Window Help

Method Data Batch Setup Batch Preview Single STOP New Results Analyze Report

Run	Sample ID	Method	Filename	Level	Sample	ISTD	Mult.	Failure Act
1	IPCS	ic57i05.met	JJ17.001	0	1	0	1	Continue
2	PCJ005WB	ic57i05.met	JJ17.002	0	1	0	1	Continue
3	MRL	ic57i05.met	JJ17.003	0	1	0	1	Continue
4	PCJ005WL	ic57i05.met	JJ17.004	0	1	0	1	Continue
5	PCJ005WC	ic57i05.met	JJ17.005	0	1	0	1	Continue
6	J021-06 DF=8	ic57i05.met	JJ17.006	0	1	0	8	Continue
7	J021-07 DF=20	ic57i05.met	JJ17.007	0	1	0	20	Continue
8	J021-08 DF=100	ic57i05.met	JJ17.008	0	1	0	100	Continue
9	J021-09 DF=100	ic57i05.met	JJ17.009	0	1	0	100	Continue
10	J021-12 DF=8	ic57i05.met	JJ17.010	0	1	0	8	Continue
11	J021-13 DF=8	ic57i05.met	JJ17.011	0	1	0	8	Continue
12	CCV75-15	ic57i05.met	JJ17.012	0	1	0	1	Continue
13	J021-14R	ic57i05.met	JJ17.013	0	1	0	1	Continue
14	J021-15 DF=8	ic57i05.met	JJ17.014	0	1	0	8	Continue
15	J068-04 DF=500	ic57i05.met	JJ17.015	0	1	0	500	Continue
16	J068-05 DF=500	ic57i05.met	JJ17.016	0	1	0	500	Continue
17	J067-03 DF=5	ic57i05.met	JJ17.017	0	1	0	5	Continue
18	J067-04 DF=500	ic57i05.met	JJ17.018	0	1	0	500	Continue
19	J067-07 DF=1000	ic57i05.met	JJ17.019	0	1	0	1000	Continue
20	J067-07D DF=1000	ic57i05.met	JJ17.020	0	1	0	1000	Continue
21	J067-07M DF=1000	ic57i05.met	JJ17.021	0	1	0	1000	Continue
22	J109-03 DF=2	ic57i05.met	JJ17.022	0	1	0	2	Continue
23	CCV76-30	ic57i05.met	JJ17.023	0	1	0	1	Continue
24	J109-04 DF=2	ic57i05.met	JJ17.024	0	1	0	2	Continue
25	CCV77-15	ic57i05.met	JJ17.025	0	1	0	1	Continue

Waiting For Trigger...

Start | EZChrom Chro... | Method: Ic5... | Method: Ic57i0... | Exploring - Seq... | Exploring - Export | Calculator | Tuesday, October 17, 2006 7:35 PM

Method: Ic5705.met - Batch: J17.seq - Data: J17.01C - [Batch: j17.seq]

File Edit Method Batch Options Analysis Control Window Help

Method Data Batch Setup Batch Preview Start Stop Recalib Analyze Reports

Run	Sample ID	Method	Filename	Level	Sample	Inj	Mult	Failure Act
25	CCV77-15	ic57i05.met	JJ17.025	0	1	0	1	Continue
26	IPCS	ic57i05.met	JJ17.026	0	1	0	1	Continue
27	PCJ005WB	ic57i05.met	JJ17.027	0	1	0	1	Continue
28	MRL	ic57i05.met	JJ17.028	0	1	0	1	Continue
29	PCJ005WL	ic57i05.met	JJ17.029	0	1	0	1	Continue
30	PCJ005WC	ic57i05.met	JJ17.030	0	1	0	1	Continue
31	J021-06 DF=16	ic57i05.met	JJ17.031	0	1	0	16	Continue
32	J021-07 DF=100	ic57i05.met	JJ17.032	0	1	0	100	Continue
33	J021-08 DF=200	ic57i05.met	JJ17.033	0	1	0	200	Continue
34	J021-09 DF=200	ic57i05.met	JJ17.034	0	1	0	200	Continue
35	J021-12 DF=16	ic57i05.met	JJ17.035	0	1	0	16	Continue
36	J021-13 DF=16	ic57i05.met	JJ17.036	0	1	0	16	Continue
37	CCV78-30	ic57i05.met	JJ17.037	0	1	0	1	Continue
38	J021-15 DF=16	ic57i05.met	JJ17.038	0	1	0	16	Continue
39	J068-04 DF=16	ic57i05.met	JJ17.039	0	1	0	16	Continue
40	J068-05 DF=1000	ic57i05.met	JJ17.040	0	1	0	1000	Continue
41	J067-03 DF=10	ic57i05.met	JJ17.041	0	1	0	10	Continue
42	J067-04 DF=1000	ic57i05.met	JJ17.042	0	1	0	1000	Continue
43	J067-07 DF=2000	ic57i05.met	JJ17.043	0	1	0	2000	Continue
44	J067-07D DF=2000	ic57i05.met	JJ17.044	0	1	0	2000	Continue
45	J067-07M DF=2000	ic57i05.met	JJ17.045	0	1	0	2000	Continue
46	CCV79-15	ic57i05.met	JJ17.046	0	1	0	1	Continue
47	B	ic57i05.met	JJ17.047	0	1	0	1	Continue
48	B	ic57i05.met	JJ17.048	0	1	0	1	Continue
49	B	ic57i05.met	JJ17.049	0	1	0	1	Continue

Instrument 1: T057

Start | EZChrom Chromatography | Method: Ic57i05.met | Method: Ic5705.met - Bat | untitled - Paint | Tuesday, October 17, 2006 7:36 PM

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: A57-014

Instrument No.: 57

Analytical Sequence: JJ17

Method File: 1057I05

Analytical Batch: PCJ005W & PCJ006W

SOP #	Rev. #
☐ EMAX-300.0	3
☐ EMAX-300.0(M)	0
☑ EMAX-314.0	1
☐ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SW8B-02-843
ICV	↓ 844
CCV	N/A
CCV-15	SW8B-02-845
CCV-30	846
LCS	847
MS	↓ 842
IPC	SW8B-02-848
CMC	SW3B-02-846
MRL	SW8B-02-849

CMC Reading (µS/cm)	QC Criteria (µS/cm)	Temp. (°C)
	(±) 30	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ EZ-CHROM	
☐	

Analyzed By: [illegible]

Date: 10/17/02

Method: ic57i05.met Batch: JJ16.001 Date: 16-OCT Batch: JJ16.SEQ

File Edit Method Batch Options Analysis Control Window Help

Run	Sample ID		Method	Filename	Level	Sample Amt.	ISTD Amt.	M
1	IPCS		ic57i05.met	JJ16.001	0	1	0	
2	PCJ003WB		ic57i05.met	JJ16.002	0	1	0	
3	MRL		ic57i05.met	JJ16.003	0	1	0	
4	PCJ003WL		ic57i05.met	JJ16.004	0	1	0	
5	PCJ003WC		ic57i05.met	JJ16.005	0	1	0	
6	J021-02	495	ic57i05.met	JJ16.006	0	1	0	
7	J021-03	360	ic57i05.met	JJ16.007	0	1	0	
8	J021-04	293	ic57i05.met	JJ16.008	0	1	0	
9	J021-05	734	ic57i05.met	JJ16.009	0	1	0	
10	J021-06	1655	ic57i05.met	JJ16.010	0	1	0	
11	J021-07	1168	ic57i05.met	JJ16.011	0	1	0	
12	CCV69-15		ic57i05.met	JJ16.012	0	1	0	
13	J021-08	1023	ic57i05.met	JJ16.013	0	1	0	
14	J021-09	1009	ic57i05.met	JJ16.014	0	1	0	
15	J021-11	2.20	ic57i05.met	JJ16.015	0	1	0	
16	J021-12	1246	ic57i05.met	JJ16.016	0	1	0	
17	J021-13	1177	ic57i05.met	JJ16.017	0	1	0	
18	J021-14	2-20	ic57i05.met	JJ16.018	0	1	0	
19	J021-15	1425	ic57i05.met	JJ16.019	0	1	0	
20	J021-16	504	ic57i05.met	JJ16.020	0	1	0	
21	J021-17	1079	ic57i05.met	JJ16.021	0	1	0	
22	J021-17D		ic57i05.met	JJ16.022	0	1	0	
23	CCV70-30		ic57i05.met	JJ16.023	0	1	0	
24	J021-17M		ic57i05.met	JJ16.024	0	1	0	

Instrument 1: T057

Start | EZChrom Chromatog. | Method: Ic57i05 | Method: Ic57i05.met | Exploring - Sequence | untitled - Paint | Monday, October 16, 2006 5:38 PM

0625

Method: ic5705.met - Batch: JJ16.seq - Data: JJ16.001 - [Batch: JJ16.SEQ]

File Edit Method Batch Options Analysis Control Window Help

Method Data Batch Setup Batch Preview Start STOP Results Analysis Reports

Run	Sample ID		Method	Filename	Level	Sample Amt	ISTD Amt	
25	I263-02	692	ic57i05.met	JJ16.025	0	1	0	
26	I263-03	740	ic57i05.met	JJ16.026	0	1	0	
27	I263-04	680	ic57i05.met	JJ16.027	0	1	0	
28	I242-03 DF=2		ic57i05.met	JJ16.028	0	1	0	
29	CCV71-15		ic57i05.met	JJ16.029	0	1	0	
30	IPCS		ic57i05.met	JJ16.030	0	1	0	
31	PCJ004WB		ic57i05.met	JJ16.031	0	1	0	
32	MRL		ic57i05.met	JJ16.032	0	1	0	
33	PCJ004WL		ic57i05.met	JJ16.033	0	1	0	
34	PCJ004WC		ic57i05.met	JJ16.034	0	1	0	
35	J068-02	2.28	ic57i05.met	JJ16.035	0	1	0	
36	J068-03	1244	ic57i05.met	JJ16.036	0	1	0	
37	J068-04	820	ic57i05.met	JJ16.037	0	1	0	
38	J068-05	805	ic57i05.met	JJ16.038	0	1	0	
39	J101-01	1297	ic57i05.met	JJ16.039	0	1	0	
40	J101-02	1273	ic57i05.met	JJ16.040	0	1	0	
41	CCV72-30		ic57i05.met	JJ16.041	0	1	0	
42	J067-02	2.20	ic57i05.met	JJ16.042	0	1	0	
43	J067-03	1581	ic57i05.met	JJ16.043	0	1	0	
44	J067-04	1055	ic57i05.met	JJ16.044	0	1	0	
45	J067-05	936	ic57i05.met	JJ16.045	0	1	0	
46	J067-06	2.19	ic57i05.met	JJ16.046	0	1	0	
47	J067-07	1032	ic57i05.met	JJ16.047	0	1	0	
48	J067-07D		ic57i05.met	JJ16.048	0	1	0	
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Instrument 1: T057

Start | EZChrom Chromato... | Method: Ic5710 | Method: Ic5705.me... | Exploring - Sequence | Untitled - Paint | 5:38 PM | Monday, October 16, 2006

Method: Ic57i05.met Batch: Jj16.seq Data: Jj16.001 [Batch: jj16.SEQ]

File Edit Method Batch Options Analysis Control Window Help

Method Data Batch Setup Batch Preview Single STOP Recalib. Analysis Reports

Run	Sample ID	Method	Filename	Level	Sample Amt.	ISTD Amt.
49	J067-07M	ic57i05.met	JJ16.049	0	1	0
50	J098-02 490	ic57i05.met	JJ16.050	0	1	0
51	J098-03 556	ic57i05.met	JJ16.051	0	1	0
52	CCV73-15	ic57i05.met	JJ16.052	0	1	0
53	J109-02 750	ic57i05.met	JJ16.053	0	1	0
54	J109-03 558	ic57i05.met	JJ16.054	0	1	0
55	J109-04 561	ic57i05.met	JJ16.055	0	1	0
56	CCV74-30	ic57i05.met	JJ16.056	0	1	0
57	B	ic57i05.met	JJ16.057	0	1	0
58	B	ic57i05.met	JJ16.058	0	1	0
59	B	ic57i05.met	JJ16.059	0	1	0
60	B	ic57i05.met	JJ16.060	0	1	0
61	B	ic57i05.met	JJ16.061	0	1	0
62	B	ic57i05.met	JJ16.062	0	1	0
63	B	ic57i05.met	JJ16.063	0	1	0
64	B	ic57i05.met	JJ16.064	0	1	0
65	B	ic57i05.met	JJ16.065	0	1	0
66	B	ic57i05.met	JJ16.066	0	1	0
67	B	ic57i05.met	JJ16.067	0	1	0
68	B	ic57i05.met	JJ16.068	0	1	0
69	B	ic57i05.met	JJ16.069	0	1	0
70	B	ic57i05.met	JJ16.070	0	1	0
71	B	ic57i05.met	JJ16.071	0	1	0
72	B	ic57i05.met	JJ16.072	0	1	0

Waiting For Trigger...

Start | EZ-Chrom Chromatog. | Method: Ic57i05 | Method: Ic57i05.met | Exploring - Sequence | untitled - Paint | Monday, October 16, 2006 5:38 PM

EXTRACTION LOG

ANALYSIS RUN LOG FOR IC - PERCHLORATE

SOP ☑ EMAX-314.0 Revision No. 2 ☐

Start Date 9/5/06 Time 20:02 Ending Date 9/6/06 Time 8:31 Book # A

BATCH # PCE0015

	Sample Prep ID	Data File Name	Lab Sample ID	DF	Matrix S	Matrix W	Conductivity, (us/cm)	Notes
*	1	3105001	IB	1		X		
*	2	002	S-0.0					
*	3	003	S-2.0					
*	4	004	S-4.0					
*	5	005	S-10.0					
*	6	006	S-25.0					BAD INJ.
*	7	007	S-25.0					
*	8	008	S-30.0					
*	9	009	ICV					
*	0	010	ICB					
*	1	011	IBCS			✓	3000	
*	2	012	PCI0015B		X			* BAH
*	3	013	MRL			X		
*	4	014	PCI0015L		X			* BAH
*	5	015	↓ 50	✓				*
*	6	016	H175-01	2000			~~[illegible]~~ 28,000	*
*	7	017	02	200			~~200~~ 15,200	*
*	8	018	03	2000		9/14/06	~~2000~~ 17,500	*
*	9	019	04	5			4,200	*
*	0	020	04D	5			5	*
*	1	021	04M	5	✓		5	* ✓
*	2	022	CCV32-15	1		X	+	
*	3	023	↓	1		X	+	
*	4	024	H156-06	1000	X		14,800	* BAH
*	5	025	07	500			30,200	*
*	6	026	H174-09	500			12,100	*
*	7	027	10	500	✓		14,300	* ✓
*	8	028	CCV33-30			X		
*	9	029	↓			X		
*	0	030	H198-01	518	X		800	* BAH

Instrument Number	57

INITIAL CALIBRATION REFERENCE

Method File	1C57I05
ICAL ID	SW8B-02-843
ICV ID	↓ 844

Standards

Name		ID	Conc. (ug
ICAL	S1	SW8B-02-843	2
	S2	↓	4
	S3		10
	S4		25
	S5		30
ICV		SW8B-02-844	25
CCV-15		836	15
CCV-30		837	30
LCS		838	10
MS		842	10
IPC		839	325/25
CMC		SW8B-02-846	1413,1414/

Comments:

CMC Reading, (us/cm)	QC Criteria (us/cm)	Temp. (°C)
1410	±30	25°C

Electronic Data Archival

Location	Date

Ar[illegible]ed By: [illegible]

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EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J067

METHOD 314.0
PERCHLORATE

Six (6) soil samples were received on 10/06/06 for Perchlorate analysis by Method 314.0 in accordance with "Method for Determination of Perchlorate by Ion Chromatography", EPA 600/98-118.

1. **Holding Time**

   Analysis met holding time criteria.

2. **Method Blank**

   Method blanks were free of contamination at half of MRL.

3. **Lab Control Sample/Lab Control Sample Duplicate**

   Lab control sample results were within QC limits.

4. **Duplicate**

   Sample J0067-07 was analyzed for duplicate. %RPD was within QC limit.

5. **Matrix Spike**

   Sample J067-07 was spiked. Recovery was within QC limit.

6. **Sample Analysis**

   Samples were analyzed according to the prescribed QC procedures. All QC criteria were met.

SAMPLE RESULTS

METHOD 314.0
PERCHLORATE

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2
Batch No. : 06J067

Matrix : WATER
Instrument ID : I57

SAMPLE ID	EMAX SAMPLE ID	RESULTS (ug/L)	DLF	MOIST	RL (ug/L)	MDL (ug/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	PCJ004WB	ND	1	NA	2.00	0.500	10/17/0603:48	NA	JJ16031	JJ16030	PCJ004W	NA	NA
LCS1W	PCJ004WL	9.56	1	NA	2.00	0.500	10/17/0604:29	NA	JJ16033	JJ16030	PCJ004W	NA	NA
LCD1W	PCJ004WC	9.56	1	NA	2.00	0.500	10/17/0604:49	NA	JJ16034	JJ16030	PCJ004W	NA	NA
LEB-100506-B	J067-02	ND	1	NA	2.00	0.500	10/17/0607:31	NA	JJ16042	JJ16041	PCJ004W	10/05/06	10/06/06
TT-MW2-12	J067-05	2.73	1	NA	2.00	0.500	10/17/0608:32	NA	JJ16045	JJ16041	PCJ004W	10/05/06	10/06/06
LEB-100506GP	J067-06	ND	1	NA	2.00	0.500	10/17/0608:52	NA	JJ16046	JJ16041	PCJ004W	10/05/06	10/06/06
MBLK2W	PCJ006WB	ND	1	NA	2.00	0.500	10/17/0623:44	NA	JJ17027	JJ17026	PCJ006W	NA	NA
LCS2W	PCJ006WL	10.7	1	NA	2.00	0.500	10/18/0600:24	NA	JJ17029	JJ17026	PCJ006W	NA	NA
LCD2W	PCJ006WC	10.6	1	NA	2.00	0.500	10/18/0600:45	NA	JJ17030	JJ17026	PCJ006W	NA	NA
TT-MW2-11	J067-03	191	10	NA	20.0	5.00	10/18/0604:28	NA	JJ17041	JJ17037	PCJ006W	10/05/06	10/06/06
TT-MW2-B	J067-04	6350	1000	NA	2000	500	10/18/0604:48	NA	JJ17042	JJ17037	PCJ006W	10/05/06	10/06/06
TT-MW2-3	J067-07	22200	2000	NA	4000	1000	10/18/0605:08	NA	JJ17043	JJ17037	PCJ006W	10/05/06	10/06/06
TT-MW2-3DUP	J067-07D	22500	2000	NA	4000	1000	10/18/0605:28	NA	JJ17044	JJ17037	PCJ006W	10/05/06	10/06/06
TT-MW2-3MS	J067-07M	42500	2000	NA	4000	1000	10/18/0605:49	NA	JJ17045	JJ17037	PCJ006W	10/05/06	10/06/06

QC DATA

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 314.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	PCJ004WB	PCJ004WL	PCJ004WC		
LAB FILE ID:	JJ16031	JJ16033	JJ16034		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/17/0603:48	10/17/0604:29	10/17/0604:49	DATE RECEIVED:	NA
PREP. BATCH:	PCJ004W	PCJ004W	PCJ004W		
CALIB. REF:	JJ16030	JJ16030	JJ16030		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Perchlorate	ND	10.0	9.56	96	10.0	9.56	96	0	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 314.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	PCJ006WB	PCJ006WL	PCJ006WC		
LAB FILE ID:	JJ17027	JJ17029	JJ17030		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/17/0623:44	10/18/0600:24	10/18/0600:45	DATE RECEIVED:	NA
PREP. BATCH:	PCJ006W	PCJ006W	PCJ006W		
CALIB. REF:	JJ17026	JJ17026	JJ17026		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Perchlorate	ND	10.0	10.7	107	10.0	10.6	106	1	85-115	20

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EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 314.0

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	2000	2000		
SAMPLE ID:	TT-MW2-3			
LAB SAMP ID:	J067-07	J067-07M		
LAB FILE ID:	JJ17043	JJ17045		
DATE EXTRACTED:	NA	NA	DATE COLLECTED:	10/05/06
DATE ANALYZED:	10/18/0605:08	10/18/0605:49	DATE RECEIVED:	10/06/06
PREP. BATCH:	PCJ006W	PCJ006W		
CALIB. REF:	JJ17037	JJ17037		

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	QC LIMIT (%)
Perchlorate	22200	20000	42500	102	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 314.0

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	2000	2000		
SAMPLE ID:	TT-MW2-3			
EMAX SAMP ID:	J067-07	J067-07D		
LAB FILE ID:	JJ17043	JJ17044		
DATE EXTRACTED:	NA	NA	DATE COLLECTED:	10/05/06
DATE ANALYZED:	10/18/0605:08	10/18/0605:28	DATE RECEIVED:	10/06/06
PREP. BATCH:	PCJ006W	PCJ006W		
CALIB. REF:	JJ17037	JJ17037		

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	DUPL RSLT (ug/L)	RPD RSLT %	QC LIMIT (%)
Perchlorate	22200	22500	1	20

INITIAL CALIBRATION

Method : c:\ezchrom\methods\ic57i05.met
Printed : Sep 06, 2006 11:47:23
Channel : A
Peak : PERCHLORATE

* - Replicate Not Used

Level	Height	Amount	RF	Rep Hgt 1	Rep Hgt 2	Rep Hgt 3	Rep Hgt 4	Rep Hgt 5	Replic STD	Replic %RSD	Old Height
2	28493	2	14246.50	28493							0
3	54379	4	13594.75	54379							0
4	141602	10	14160.20	141602							0
5	340820	25	13632.80	340820							0
6	407471	30	13582.37	407471							0

Calib Flag: Replace

Average RF: 13843.3
RF StdDev: 330.594
RF %RSD: 2.388

RF Definition: Height / Amount
Weighting Method: None
Fit Through Zero: No

Linear Fit: Amount = 7.3845e-005 x Height - 0.166764
R^2 = 0.999817

9-7-06

IC RESULT FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JI05001	IB	P	.000	09/05/0620:02	1
JI05002	S-0.0	P	.0000	09/05/0620:22	1
JI05003	S-2.0	P	2	09/05/0620:42	1
JI05004	S-4.0	P	4	09/05/0621:03	1
JI05005	S-10.0	P	10	09/05/0621:23	1
J[illegible]06	BADINJ	P	15	09/05/0621:43	1
J[illegible]07	S-25.0	P	25	09/05/0622:04	1
JI05008	S-30.0	P	30	09/05/0622:24	1
JI05009	ICV	P	99.2%	09/05/0622:44	1
JI05010	ICB	P	.000	09/05/0623:04	1
JI05011	IPCS	P	84.1%	09/05/0623:25	1
JI05012	PCI001SB	P	.000	09/05/0623:45	1
JI05013	MRL	P	95.1%	09/06/0600:05	1
JI05014	PCI001SL	P	10.1	09/06/0600:25	1
JI05015	PCI001SC	P	10	09/06/0600:46	1
JI05016	H175-01	P	30000	09/06/0601:06	2000
JI05017	H175-02	P	3080	09/06/0601:26	200
JI05018	H175-03	P	24500	09/06/0601:46	2000
JI05019	H175-04	P	11.8	09/06/0602:07	5
JI05020	H175-04D	P	11.4	09/06/0602:27	5
JI05021	H175-04M	P	58.7	09/06/0602:47	5
JI05022	CCV32-15	P	97.7%	09/06/0603:07	1
JI05023	CCV32-15	P	96.7%	09/06/0603:28	1
JI05024	H156-06	P	14000	09/06/0603:48	1000
JI05025	H156-07	P	3840	09/06/0604:08	500
JI05026	H174-09	P	4670	09/06/0604:28	500
JI05027	H174-10	P	6190	09/06/0604:49	500
JI05028	CCV33-30	P	97.9%	09/06/0605:09	1
JI05029	CCV33-30	P	98.8%	09/06/0605:29	1
JI05030	H198-01	P	6150	09/06/0605:49	500
JI05031	H198-02	P	5460	09/06/0606:10	500
JI05032	H198-03	P	6720	09/06/0606:30	500
JI05033	H198-04	P	45600	09/06/0606:50	2000
JI05034	H197-01	P	.000	09/06/0607:10	1
JI05035	H197-02	P	.000	09/06/0607:31	1
JI05036	H197-03	P	.000	09/06/0607:51	1
JI05037	H197-04	P	.000	09/06/0608:11	5
JI[illegible]38	CCV34-15	P	100%	09/06/0608:31	1

AW 9-1-06

8845

IC SEQ FORM (ESD)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
JI05001	IB	P	IC57I05	09/05/0620:02	1
JI05002	S-0.0	P	IC57I05	09/05/0620:22	1
JI05003	S-2.0	P	IC57I05	09/05/0620:42	1
JI05004	S-4.0	P	IC57I05	09/05/0621:03	1
JI05005	S-10.0	P	IC57I05	09/05/0621:23	1
JI05006	BADINJ	P	IC57I05	09/05/0621:43	1
JI05007	S-25.0	P	IC57I05	09/05/0622:04	1
JI05008	S-30.0	P	IC57I05	09/05/0622:24	1
JI05009	ICV	P	IC57I05	09/05/0622:44	1
JI05010	ICB	P	IC57I05	09/05/0623:04	1
JI05011	IPCS	P	IC57I05	09/05/0623:25	1
JI05012	PCI001SB	P	IC57I05	09/05/0623:45	1
JI05013	MRL	P	IC57I05	09/06/0600:05	1
JI05014	PCI001SL	P	IC57I05	09/06/0600:25	1
JI05015	PCI001SC	P	IC57I05	09/06/0600:46	1
JI05016	H175-01	P	IC57I05	09/06/0601:06	2000
JI05017	H175-02	P	IC57I05	09/06/0601:26	200
JI05018	H175-03	P	IC57I05	09/06/0601:46	2000
JI05019	H175-04	P	IC57I05	09/06/0602:07	5
JI05020	H175-04D	P	IC57I05	09/06/0602:27	5
JI05021	H175-04M	P	IC57I05	09/06/0602:47	5
JI05022	CCV32-15	P	IC57I05	09/06/0603:07	1
JI05023	CCV32-15	P	IC57I05	09/06/0603:28	1
JI05024	H156-06	P	IC57I05	09/06/0603:48	1000
JI05025	H156-07	P	IC57I05	09/06/0604:08	500
JI05026	H174-09	P	IC57I05	09/06/0604:28	500
JI05027	H174-10	P	IC57I05	09/06/0604:49	500
JI05028	CCV33-30	P	IC57I05	09/06/0605:09	1
JI05029	CCV33-30	P	IC57I05	09/06/0605:29	1
JI05030	H198-01	P	IC57I05	09/06/0605:49	500
JI05031	H198-02	P	IC57I05	09/06/0606:10	500
JI05032	H198-03	P	IC57I05	09/06/0606:30	500
JI05033	H198-04	P	IC57I05	09/06/0606:50	2000
JI05034	H197-01	P	IC57I05	09/06/0607:10	1
JI05035	H197-02	P	IC57I05	09/06/0607:31	1
JI05036	H197-03	P	IC57I05	09/06/0607:51	1
JI05037	H197-04	P	IC57I05	09/06/0608:11	5
JI05038	CCV34-15	P	IC57I05	09/06/0608:31	1

9-7-06

SECOND SOURCE

IC RESULT FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JI05001	IB	P	.000	09/05/0620:02	1
JI05002	S-0.0	P	.0000	09/05/0620:22	1
JI05003	S-2.0	P	2	09/05/0620:42	1
JI05004	S-4.0	P	4	09/05/0621:03	1
JI05005	S-10.0	P	10	09/05/0621:23	1
JI05006	BADINJ	P	15	09/05/0621:43	1
JI05007	S-25.0	P	25	09/05/0622:04	1
JI05008	S-30.0	P	30	09/05/0622:24	1
JI05009	ICV	P	99.2%	09/05/0622:44	1
JI05010	ICB	P	.000	09/05/0623:04	1
JI05011	IPCS	P	84.1%	09/05/0623:25	1
JI05012	PCI001SB	P	.000	09/05/0623:45	1
JI05013	MRL	P	95.1%	09/06/0600:05	1
JI05014	PCI001SL	P	10.1	09/06/0600:25	1
JI05015	PCI001SC	P	10	09/06/0600:46	1
JI05016	H175-01	P	30000	09/06/0601:06	2000
JI05017	H175-02	P	3080	09/06/0601:26	200
JI05018	H175-03	P	24500	09/06/0601:46	2000
JI05019	H175-04	P	11.8	09/06/0602:07	5
JI05020	H175-04D	P	11.4	09/06/0602:27	5
JI05021	H175-04M	P	58.7	09/06/0602:47	5
JI05022	CCV32-15	P	97.7%	09/06/0603:07	1
JI05023	CCV32-15	P	96.7%	09/06/0603:28	1
JI05024	H156-06	P	14000	09/06/0603:48	1000
JI05025	H156-07	P	3840	09/06/0604:08	500
JI05026	H174-09	P	4670	09/06/0604:28	500
JI05027	H174-10	P	6190	09/06/0604:49	500
JI05028	CCV33-30	P	97.9%	09/06/0605:09	1
JI05029	CCV33-30	P	98.8%	09/06/0605:29	1
JI05030	H198-01	P	6150	09/06/0605:49	500
JI05031	H198-02	P	5460	09/06/0606:10	500
JI05032	H198-03	P	6720	09/06/0606:30	500
JI05033	H198-04	P	45600	09/06/0606:50	2000
JI05034	H197-01	P	.000	09/06/0607:10	1
JI05035	H197-02	P	.000	09/06/0607:31	1
JI05036	H197-03	P	.000	09/06/0607:51	1
JI05037	H197-04	P	.000	09/06/0608:11	5
JI05038	CCV34-15	P	100%	09/06/0608:31	1

PW 9-1-06

DAILY CALIBRATION

IC RESULT FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JJ16001	IPCS	P	90.7%	10/16/0617:41	1
JJ16002	PCJ003WB	P	.000	10/16/0618:01	1
JJ16003	MRL	P	92.8%	10/16/0618:21	1
JJ16004	PCJ003WL	P	9.89	10/16/0618:41	1
JJ16005	PCJ003WC	P	9.6	10/16/0619:02	1
JJ16006	J021-02	P	.000	10/16/0619:22	1
JJ16007	J021-03	P	.000	10/16/0619:42	1
JJ16008	J021-04	P	.000	10/16/0620:02	1
JJ16009	J021-05	P	.000	10/16/0620:23	1
JJ16010	J021-06	*	49E	10/16/0620:43	1
JJ16011	J021-07	*	45.4E	10/16/0621:03	1
JJ16012	CCV69-15	P	99.2%	10/16/0621:23	1
JJ16013	J021-08	*	57.9E	10/16/0621:44	1
JJ16014	J021-09	*	57.8E	10/16/0622:04	1
JJ16015	J021-11	P	.000	10/16/0622:24	1
JJ16016	J021-12	*	.000	10/16/0622:45	1
JJ16017	J021-13	*	54.6E	10/16/0623:05	1
JJ16018	J021-14	*	.000	10/16/0623:25	1
JJ16019	J021-15	*	.000	10/16/0623:45	1
JJ16020	J021-16	P	28.8	10/17/0600:06	1
JJ16021	J021-17	P	3.79	10/17/0600:26	1
JJ16022	J021-17D	P	3.68	10/17/0600:46	1
JJ16023	CCV70-30	P	98%	10/17/0601:06	1
JJ16024	J021-17M	P	13.2	10/17/0601:27	1
JJ16025	I263-02	P	.000	10/17/0601:47	1
JJ16026	I263-03	P	.000	10/17/0602:07	1
JJ16027	I263-04	P	11.9	10/17/0602:27	1
JJ16028	I242-03	P	32	10/17/0602:48	2
JJ16029	CCV71-15	P	102%	10/17/0603:08	1
JJ16030	IPCS	P	88%	10/17/0603:28	1
JJ16031	PCJ004WB	P	.000	10/17/0603:48	1
JJ16032	MRL	P	91%	10/17/0604:09	1
JJ16033	PCJ004WL	P	9.56	10/17/0604:29	1
JJ16034	PCJ004WC	P	9.56	10/17/0604:49	1
JJ16035	J068-02	P	.000	10/17/0605:09	1
JJ16036	J068-03	P	.000	10/17/0605:30	1
JJ16037	J068-04	*	43.7E	10/17/0605:50	1
JJ16038	J068-05	*	42.6E	10/17/0606:10	1
JJ16039	J101-01	P	10.3	10/17/0606:30	1
JJ16040	J101-02	P	9.35	10/17/0606:51	1
JJ16041	CCV72-30	P	94.6%	10/17/0607:11	1
JJ16042	J067-02	P	.000	10/17/0607:31	1
JJ16043	J067-03	*	50.8E	10/17/0607:51	1
JJ16044	J067-04	P	.000	10/17/0608:12	1
JJ16045	J067-05	P	2.73	10/17/0608:32	1
JJ16046	J067-06	P	.000	10/17/0608:52	1
JJ16047	J067-07	*	51.9E	10/17/0609:12	1
JJ16048	J067-07D	*	55.6E	10/17/0609:33	1
JJ16049	J067-07M	*	52.8E	10/17/0609:53	1
JJ16050	J098-02	P	5.93	10/17/0610:13	1
JJ16051	J098-03	P	18.2	10/17/0610:33	1
JJ16052	CCV73-15	P	113%*	10/17/0611:35	1
JJ16053	J109-02	P	22.4	10/17/0611:56	1
JJ16054	J109-03	*	36.7E	10/17/0612:47	1
JJ16055	J109-04	*	36.6E	10/17/0613:07	1
JJ16056	CCV74-30	P	106%	10/17/0613:27	1

IC SEQ FORM (ESD)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
JJ16001	IPCS	P	IC57I05	10/16/0617:41	1
JJ16002	PCJ003WB	P	IC57I05	10/16/0618:01	1
JJ16003	MRL	P	IC57I05	10/16/0618:21	1
JJ16004	PCJ003WL	P	IC57I05	10/16/0618:41	1
05	PCJ003WC	P	IC57I05	10/16/0619:02	1
J06	J021-02	P	IC57I05	10/16/0619:22	1
JJ16007	J021-03	P	IC57I05	10/16/0619:42	1
JJ16008	J021-04	P	IC57I05	10/16/0620:02	1
JJ16009	J021-05	P	IC57I05	10/16/0620:23	1
JJ16010	J021-06	*	IC57I05	10/16/0620:43	1
JJ16011	J021-07	*	IC57I05	10/16/0621:03	1
JJ16012	CCV69-15	P	IC57I05	10/16/0621:23	1
JJ16013	J021-08	*	IC57I05	10/16/0621:44	1
JJ16014	J021-09	*	IC57I05	10/16/0622:04	1
JJ16015	J021-11	P	IC57I05	10/16/0622:24	1
JJ16016	J021-12	*	IC57I05	10/16/0622:45	1
JJ16017	J021-13	*	IC57I05	10/16/0623:05	1
JJ16018	J021-14	*	IC57I05	10/16/0623:25	1
JJ16019	J021-15	*	IC57I05	10/16/0623:45	1
JJ16020	J021-16	P	IC57I05	10/17/0600:06	1
JJ16021	J021-17	P	IC57I05	10/17/0600:26	1
JJ16022	J021-17D	P	IC57I05	10/17/0600:46	1
JJ16023	CCV70-30	P	IC57I05	10/17/0601:06	1
JJ16024	J021-17M	P	IC57I05	10/17/0601:27	1
JJ16025	I263-02	P	IC57I05	10/17/0601:47	1
JJ16026	I263-03	P	IC57I05	10/17/0602:07	1
JJ16027	I263-04	P	IC57I05	10/17/0602:27	1
JJ16028	I242-03	P	IC57I05	10/17/0602:48	2
JJ16029	CCV71-15	P	IC57I05	10/17/0603:08	1
JJ16030	IPCS	P	IC57I05	10/17/0603:28	1
JJ16031	PCJ004WB	P	IC57I05	10/17/0603:48	1
JJ16032	MRL	P	IC57I05	10/17/0604:09	1
JJ16033	PCJ004WL	P	IC57I05	10/17/0604:29	1
JJ16034	PCJ004WC	P	IC57I05	10/17/0604:49	1
JJ16035	J068-02	P	IC57I05	10/17/0605:09	1
JJ16036	J068-03	P	IC57I05	10/17/0605:30	1
37	J068-04	*	IC57I05	10/17/0605:50	1
38	J068-05	*	IC57I05	10/17/0606:10	1
JJ16039	J101-01	P	IC57I05	10/17/0606:30	1
JJ16040	J101-02	P	IC57I05	10/17/0606:51	1
JJ16041	CCV72-30	P	IC57I05	10/17/0607:11	1
JJ16042	J067-02	P	IC57I05	10/17/0607:31	1
JJ16043	J067-03	*	IC57I05	10/17/0607:51	1
JJ16044	J067-04	P	IC57I05	10/17/0608:12	1
JJ16045	J067-05	P	IC57I05	10/17/0608:32	1
JJ16046	J067-06	P	IC57I05	10/17/0608:52	1
JJ16047	J067-07	*	IC57I05	10/17/0609:12	1
JJ16048	J067-07D	*	IC57I05	10/17/0609:33	1
JJ16049	J067-07M	*	IC57I05	10/17/0609:53	1
JJ16050	J098-02	P	IC57I05	10/17/0610:13	1
JJ16051	J098-03	P	IC57I05	10/17/0610:33	1
JJ16052	CCV73-15	P	IC57I05	10/17/0611:35	1
JJ16053	J109-02	P	IC57I05	10/17/0611:56	1
JJ16054	J109-03	*	IC57I05	10/17/0612:47	1
JJ16055	J109-04	*	IC57I05	10/17/0613:07	1
JJ16056	CCV74-30	P	IC57I05	10/17/0613:27	1

IC RETENTION TIME FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JJ17001	IPCS	P	11.592	10/17/0614:20	1
JJ17002	PCJ005WB	P	ND	10/17/0614:40	1
JJ17003	MRL	P	11.625	10/17/0615:00	1
JJ17004	PCJ005WL	P	11.658	10/17/0615:20	1
JJ17005	PCJ005WC	P	11.667	10/17/0615:41	1
JJ17006	J021-06	*	11.633	10/17/0616:01	8
JJ17007	J021-07	*	11.633	10/17/0616:21	20
JJ17008	J021-08	*	11.642	10/17/0616:41	100
JJ17009	J021-09	*	11.642	10/17/0617:02	100
JJ17010	J021-12	*	11.642	10/17/0617:22	8
JJ17011	J021-13	*	11.633	10/17/0617:42	8
JJ17012	CCV75-15	P	11.642	10/17/0618:02	1
JJ17013	J021-14R	P	ND	10/17/0618:23	1
JJ17014	J021-15	*	11.625	10/17/0618:43	8
JJ17015	J068-04	*	11.650	10/17/0619:03	500
JJ17016	J068-05	P	11.692	10/17/0620:01	500
JJ17017	J067-03	*	11.700	10/17/0620:21	5
JJ17018	J067-04	P	11.725	10/17/0620:42	500
JJ17019	J067-07	P	11.700	10/17/0621:02	1000
JJ17020	J067-07D	P	11.700	10/17/0621:22	1000
JJ17021	J067-07M	*	11.708	10/17/0621:42	1000
JJ17022	J109-03	P	11.708	10/17/0622:03	2
JJ17023	CCV76-30	P	11.733	10/17/0622:23	1
JJ17024	J109-04	P	11.750	10/17/0622:43	2
JJ17025	CCV77-15	P	11.725	10/17/0623:03	1
JJ17026	IPCS	P	11.650	10/17/0623:24	1
JJ17027	PCJ006WB	P	ND	10/17/0623:44	1
JJ17028	MRL	P	11.717	10/18/0600:04	1
JJ17029	PCJ006WL	P	11.717	10/18/0600:24	1
JJ17030	PCJ006WC	P	11.725	10/18/0600:45	1
JJ17031	J021-06	P	11.717	10/18/0601:05	16
JJ17032	J021-07	P	11.725	10/18/0601:25	100
JJ17033	J021-08	P	11.742	10/18/0601:45	200
JJ17034	J021-09	P	11.742	10/18/0602:06	200
JJ17035	J021-12	P	11.733	10/18/0602:26	16
JJ17036	J021-13	P	11.742	10/18/0602:46	16
JJ17037	CCV78-30	P	11.758	10/18/0603:07	1
JJ17038	J021-15	P	11.758	10/18/0603:27	16
JJ17039	J068-04	P	11.725	10/18/0603:47	16
JJ17040	J068-05	P	11.783	10/18/0604:07	1000
JJ17041	J067-03	P	11.775	10/18/0604:28	10
JJ17042	J067-04	P	11.792	10/18/0604:48	1000
JJ17043	J067-07	P	11.750	10/18/0605:08	2000
JJ17044	J067-07D	P	11.758	10/18/0605:28	2000
JJ17045	J067-07M	P	11.775	10/18/0605:49	2000
JJ17046	CCV79-15	P	11.767	10/18/0606:09	1

IC SEQ FORM (ESD)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
JJ17001	IPCS	P	IC57I05	10/17/0614:20	1
JJ17002	PCJ005WB	P	IC57I05	10/17/0614:40	1
JJ17003	MRL	P	IC57I05	10/17/0615:00	1
JJ17004	PCJ005WL	P	IC57I05	10/17/0615:20	1
[illegible]005	PCJ005WC	P	IC57I05	10/17/0615:41	1
[illegible]006	J021-06	*	IC57I05	10/17/0616:01	8
JJ17007	J021-07	*	IC57I05	10/17/0616:21	20
JJ17008	J021-08	*	IC57I05	10/17/0616:41	100
JJ17009	J021-09	*	IC57I05	10/17/0617:02	100
JJ17010	J021-12	*	IC57I05	10/17/0617:22	8
JJ17011	J021-13	*	IC57I05	10/17/0617:42	8
JJ17012	CCV75-15	P	IC57I05	10/17/0618:02	1
JJ17013	J021-14R	P	IC57I05	10/17/0618:23	1
JJ17014	J021-15	*	IC57I05	10/17/0618:43	8
JJ17015	J068-04	*	IC57I05	10/17/0619:03	500
JJ17016	J068-05	P	IC57I05	10/17/0620:01	500
JJ17017	J067-03	*	IC57I05	10/17/0620:21	5
JJ17018	J067-04	P	IC57I05	10/17/0620:42	500
JJ17019	J067-07	*	IC57I05	10/17/0621:02	1000
JJ17020	J067-07D	*	IC57I05	10/17/0621:22	1000
JJ17021	J067-07M	*	IC57I05	10/17/0621:42	1000
JJ17022	J109-03	P	IC57I05	10/17/0622:03	2
JJ17023	CCV76-30	P	IC57I05	10/17/0622:23	1
JJ17024	J109-04	P	IC57I05	10/17/0622:43	2
JJ17025	CCV77-15	P	IC57I05	10/17/0623:03	1
JJ17026	IPCS	P	IC57I05	10/17/0623:24	1
JJ17027	PCJ006WB	P	IC57I05	10/17/0623:44	1
JJ17028	MRL	P	IC57I05	10/18/0600:04	1
JJ17029	PCJ006WL	P	IC57I05	10/18/0600:24	1
JJ17030	PCJ006WC	P	IC57I05	10/18/0600:45	1
JJ17031	J021-06	P	IC57I05	10/18/0601:05	16
JJ17032	J021-07	P	IC57I05	10/18/0601:25	100
JJ17033	J021-08	P	IC57I05	10/18/0601:45	200
JJ17034	J021-09	P	IC57I05	10/18/0602:06	200
JJ17035	J021-12	P	IC57I05	10/18/0602:26	16
JJ17036	J021-13	P	IC57I05	10/18/0602:46	16
[illegible]037	CCV78-30	P	IC57I05	10/18/0603:07	1
[illegible]38	J021-15	P	IC57I05	10/18/0603:27	16
[illegible]039	J068-04	P	IC57I05	10/18/0603:47	16
JJ17040	J068-05	P	IC57I05	10/18/0604:07	1000
JJ17041	J067-03	P	IC57I05	10/18/0604:28	10
JJ17042	J067-04	P	IC57I05	10/18/0604:48	1000
JJ17043	J067-07	P	IC57I05	10/18/0605:08	2000
JJ17044	J067-07D	P	IC57I05	10/18/0605:28	2000
JJ17045	J067-07M	P	IC57I05	10/18/0605:49	2000
JJ17046	CCV79-15	P	IC57I05	10/18/0606:09	1

ANALYTICAL LOG

ANALYSIS RUN LOG FOR IC - PERCHLORATE

SOP ☑ EMAX-314.0 Revision No. 2 ☐

Start Date 9/5/06 Time 20:02 Ending Date 9/6/06 Time 8:31 Book # A

BATCH * PCI0015 **

Sample Prep ID	Data File Name	Lab Sample ID	DF	Matrix S	Matrix W	Conductivity, (us/cm)	Notes
* 1	3105001	IB	1		X		
* 2	002	S-0.0					
* 3	003	S-2.0					
* 4	004	S-4.0					
* 5	005	S-10.0					
* 6	006	S-25.0					
* 7	007	S-25.0					BAD INJ.
* 8	008	S-30.0					
* 9	009	ICV					
* 0	010	ICB					
* 1	011	IPCS			✓	3000	
* 2	012	PCI00115B		X			* BAH
* 3	013	MRL			X		
* 4	014	PCI00115L		X			* BAH
* 5	015	↓ SL	✓				*
* 6	016	H175-01	2000			~~[illegible]~~ 28,000	*
* 7	017	02	200			~~200~~ 15,200	*
* 8	018	03	2000			2000 17,500	*
* 9	019	04	5		9/6/06	5 4,200	*
* 0	020	04D	5			5	*
* 1	021	04M	5	✓		5	*
* 2	022	CCV32-15	1		X	+	
* 3	023	↓	1		X	+	
* 4	024	H156-06	1000	X		14,800	* BAH
* 5	025	07	500			30,200	*
* 6	026	H174-09	500			12,100	*
* 7	027	10	500	✓		14,300	* ✓
* 8	028	CCV33-30			X		
* 9	029	↓			X		
* 0	030	11198-01	500	X		8,800	* BAH

Instrument Number	57

INITIAL CALIBRATION REFERENCE	
Method File	IC57IC5
ICAL ID	SW8B-02-843
ICV ID	↓ 844

Standards			
Name		ID	Conc. (ug
ICAL	S1	SW8B-02-843	2
	S2	↓	4
	S3		10
	S4		25
	S5	✓	30
ICV		SW8B-02-844	25
CCV-15		836	15
CCV-30		837	30
LCS		838	10
MS		842	10
IPC		839	325/25
CMC		SW8B-02-840	1413/14/c

Comments:

CMC Reading, (us/cm)	QC Criteria (us/cm)	Temp. (°C)
1410	±30	25°C

Electronic Data Archival	
Location	Date

Analyzed By: SL

This page is checked during the data review proce

EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: A57-014

Instrument No.: 57

Analytical Sequence: JJ16

Method File: IC57IC5

Analytical Batch: PCJ003W ; PCJ004W

SOP #	Rev. #
☐ EMAX-300.0	3
☐ EMAX-300.0(M)	0
☑ EMAX-314.0	1
☐ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SW8B - 02-843
ICV	↓ 844
CCV	N/A
CCV-15	SW8B - 02-845
CCV-30	846
LCS	847
MS	↓ 842
IPC	SW8B - 02-848
CMC	SW3B - 02-846
MRL	SW8B - 02-849

CMC Reading (µS/cm)	QC Criteria (µS/cm)	Temp. (°C)
1411	(±) 30	25°C

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ EZ-CHROM	
☐	

Analyzed By: JW

Date: 10/16/06

Method: ic57i05.met - Batch: JJ16.seq - Data: JJ16.001 - [Batch: JJ16.SEQ]

File Edit Method Batch Options Analysis Control Window Help

Method Data Batch Setup Batch Preview Single STOP Recalib Archive Export

Run	Sample ID		Method	Filename	Level	Sample Amt.	ISTD Amt.	M
1	IPCS		ic57i05.met	JJ16.001	0	1	0	
2	PCJ003WB		ic57i05.met	JJ16.002	0	1	0	
3	MRL		ic57i05.met	JJ16.003	0	1	0	
4	PCJ003WL		ic57i05.met	JJ16.004	0	1	0	
5	PCJ003WC		ic57i05.met	JJ16.005	0	1	0	
6	J021-02	495	ic57i05.met	JJ16.006	0	1	0	
7	J021-03	360	ic57i05.met	JJ16.007	0	1	0	
8	J021-04	293	ic57i05.met	JJ16.008	0	1	0	
9	J021-05	734	ic57i05.met	JJ16.009	0	1	0	
10	J021-06	1655	ic57i05.met	JJ16.010	0	1	0	
11	J021-07	1168	ic57i05.met	JJ16.011	0	1	0	
12	CCV69-15		ic57i05.met	JJ16.012	0	1	0	
13	J021-08	1023	ic57i05.met	JJ16.013	0	1	0	
14	J021-09	1009	ic57i05.met	JJ16.014	0	1	0	
15	J021-11	2.24	ic57i05.met	JJ16.015	0	1	0	
16	J021-12	1246	ic57i05.met	JJ16.016	0	1	0	
17	J021-13	1177	ic57i05.met	JJ16.017	0	1	0	
18	J021-14	2.20	ic57i05.met	JJ16.018	0	1	0	
19	J021-15	1425	ic57i05.met	JJ16.019	0	1	0	
20	J021-16	504	ic57i05.met	JJ16.020	0	1	0	
21	J021-17	1079	ic57i05.met	JJ16.021	0	1	0	
22	J021-17D		ic57i05.met	JJ16.022	0	1	0	
23	CCV70-30		ic57i05.met	JJ16.023	0	1	0	
24	J021-17M		ic57i05.met	JJ16.024	0	1	0	
25	[illegible]		[illegible]	[illegible]	0	1	0	

Instrument 1: T057

Start | EZChrom Chromatog... | Method: ic57i05 | Method: ic57i05.met | Exploring - Sequence | untitled - Paint | Monday, October 16, 2006 5:38 PM

Method: Ic57i05.met - Batch: JJ16.sec - Data: JJ16.001 - Batch: JJ16.EQ

File Edit Method Batch Options Analysis Control Window Help

Run	Sample ID		Method	Filename	Level	Sample Amt.	ISTD Amt.	
25	I263-02	692	ic57i05.met	JJ16.025	0	1	0	
26	I263-03	740	ic57i05.met	JJ16.026	0	1	0	
27	I263-04	680	ic57i05.met	JJ16.027	0	1	0	
28	I242-03 DF=2		ic57i05.met	JJ16.028	0	1	0	
29	CCV71-15		ic57i05.met	JJ16.029	0	1	0	
30	IPCS		ic57i05.met	JJ16.030	0	1	0	
31	PCJ004WB		ic57i05.met	JJ16.031	0	1	0	
32	MRL		ic57i05.met	JJ16.032	0	1	0	
33	PCJ004WL		ic57i05.met	JJ16.033	0	1	0	
34	PCJ004WC		ic57i05.met	JJ16.034	0	1	0	
35	J068-02	228	ic57i05.met	JJ16.035	0	1	0	
36	J068-03	1244	ic57i05.met	JJ16.036	0	1	0	
37	J068-04	820	ic57i05.met	JJ16.037	0	1	0	
38	J068-05	805	ic57i05.met	JJ16.038	0	1	0	
39	J101-01	1297	ic57i05.met	JJ16.039	0	1	0	
40	J101-02	1273	ic57i05.met	JJ16.040	0	1	0	
41	CCV72-30		ic57i05.met	JJ16.041	0	1	0	
42	J067-02	220	ic57i05.met	JJ16.042	0	1	0	
43	J067-03	1581	ic57i05.met	JJ16.043	0	1	0	
44	J067-04	1055	ic57i05.met	JJ16.044	0	1	0	
45	J067-05	936	ic57i05.met	JJ16.045	0	1	0	
46	J067-06	219	ic57i05.met	JJ16.046	0	1	0	
47	J067-07	1032	ic57i05.met	JJ16.047	0	1	0	
48	J067-07D		ic57i05.met	JJ16.048	0	1	0	

Instrument 1: T057

Start | EZChrom Chromato | Method: Ic57i0 | Method: Ic57i05.me | Exploring - Sequence | untitled - Paint | 6:30 PM

Monday, October 16, 2006

Method: Ic57i05.met - Batch: J16.seq - Data: J16.001 - [Batch: J16.SEQ]

File Edit Method Batch Options Analysis Control Window Help

Method | Data | Batch | Setup | Batch | Preview | Single | STOP | Recalib | Analyze | Reports

Run	Sample ID	Method	Filename	Level	Sample Amt.	ISTD Amt.	D
49	J067-07M	ic57i05.met	JJ16.049	0	1	0	
50	J098-02 490	ic57i05.met	JJ16.050	0	1	0	
51	J098-03 556	ic57i05.met	JJ16.051	0	1	0	
52	CCV73-15	ic57i05.met	JJ16.052	0	1	0	
53	J109-02 750	ic57i05.met	JJ16.053	0	1	0	
54	J109-03 558	ic57i05.met	JJ16.054	0	1	0	
55	J109-04 561	ic57i05.met	JJ16.055	0	1	0	
56	CCV74-30	ic57i05.met	JJ16.056	0	1	0	
57	B	ic57i05.met	JJ16.057	0	1	0	
58	B	ic57i05.met	JJ16.058	0	1	0	
59	B	ic57i05.met	JJ16.059	0	1	0	
60	B	ic57i05.met	JJ16.060	0	1	0	
61	B	ic57i05.met	JJ16.061	0	1	0	
62	B	ic57i05.met	JJ16.062	0	1	0	
63	B	ic57i05.met	JJ16.063	0	1	0	
64	B	ic57i05.met	JJ16.064	0	1	0	
65	B	ic57i05.met	JJ16.065	0	1	0	
66	B	ic57i05.met	JJ16.066	0	1	0	
67	B	ic57i05.met	JJ16.067	0	1	0	
68	B	ic57i05.met	JJ16.068	0	1	0	
69	B	ic57i05.met	JJ16.069	0	1	0	
70	B	ic57i05.met	JJ16.070	0	1	0	
71	B	ic57i05.met	JJ16.071	0	1	0	
72	B	ic57i05.met	JJ16.072	0	1	0	

Waiting For Trigger...

Start | EZChrom Chromatog... | Method: Ic57i05... | Method: Ic57i05.met | Exploring - Sequence | untitled - Paint | Monday, October 16, 2006 5:38 PM

0525

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: A57-014

Instrument No.: 57

Analytical Sequence: JJ17

Method File: IC57I05

Analytical Batch: PC5005W ; PC5006W

SOP #	Rev. #
☐ EMAX-300.0	3
☐ EMAX-300.0(M)	0
☑ EMAX-314.0	1
☐ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SW8B-02-843
ICV	↓ 844
CCV	N/A
CCV-15	SW8B-02-845
CCV-30	846
LCS	847
MS	↓ 842
IPC	SW8B-02-848
CMC	SW3B-02-846
MRL	SW8B-02-849

CMC Reading (µS/cm)	QC Criteria (µS/cm)	Temp. (°C)
	(±) 30	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ EZ-CHROM	
☐	

Analyzed By: [illegible]

Date: 10/17/02

Method: Ic57i05.met Batch: Jj17.seq Data: Jj17016 [Batch: jj17.seq]

File Edit Method Batch Options Analysis Control Window Help

Method Data Batch Setup Batch Preview Single STOP Recalib Analysis Reports

Run	Sample ID	Method	Filename	Level	Sample	ISTD	Mult.	Failure Act
1	IPCS	ic57i05.met	JJ17.001	0	1	0	1	Continue
2	PCJ005WB	ic57i05.met	JJ17.002	0	1	0	1	Continue
3	MRL	ic57i05.met	JJ17.003	0	1	0	1	Continue
4	PCJ005WL	ic57i05.met	JJ17.004	0	1	0	1	Continue
5	PCJ005WC	ic57i05.met	JJ17.005	0	1	0	1	Continue
6	J021-06 DF=8	ic57i05.met	JJ17.006	0	1	0	8	Continue
7	J021-07 DF=20	ic57i05.met	JJ17.007	0	1	0	20	Continue
8	J021-08 DF=100	ic57i05.met	JJ17.008	0	1	0	100	Continue
9	J021-09 DF=100	ic57i05.met	JJ17.009	0	1	0	100	Continue
10	J021-12 DF=8	ic57i05.met	JJ17.010	0	1	0	8	Continue
11	J021-13 DF=8	ic57i05.met	JJ17.011	0	1	0	8	Continue
12	CCV75-15	ic57i05.met	JJ17.012	0	1	0	1	Continue
13	J021-14R	ic57i05.met	JJ17.013	0	1	0	1	Continue
14	J021-15 DF=8	ic57i05.met	JJ17.014	0	1	0	8	Continue
15	J068-04 DF=500	ic57i05.met	JJ17.015	0	1	0	500	Continue
16	J068-05 DF=500	ic57i05.met	JJ17.016	0	1	0	500	Continue
17	J067-03 DF=5	ic57i05.met	JJ17.017	0	1	0	5	Continue
18	J067-04 DF=500	ic57i05.met	JJ17.018	0	1	0	500	Continue
19	J067-07 DF=1000	ic57i05.met	JJ17.019	0	1	0	1000	Continue
20	J067-07D DF=1000	ic57i05.met	JJ17.020	0	1	0	1000	Continue
21	J067-07M DF=1000	ic57i05.met	JJ17.021	0	1	0	1000	Continue
22	J109-03 DF=2	ic57i05.met	JJ17.022	0	1	0	2	Continue
23	CCV76-30	ic57i05.met	JJ17.023	0	1	0	1	Continue
24	J109-04 DF=2	ic57i05.met	JJ17.024	0	1	0	2	Continue
25	CCV77-15	ic57i05.met	JJ17.025	0	1	0	1	Continue

Waiting For Trigger...

Start | EZChrom Chro... | Method: Ic5... | Method: Ic57i0... | Exploring - Seq... | Exploring - Export | Calculator | Tuesday, October 17, 2006 7:35 PM

Method: ic5705.met - Batch: jj17.seq - Data: JJ17.016 - [Batch: jj17.seq]

File Edit Method Batch Options Analysis Control Window Help

Method | Data | Batch | Setup | Batch | Preview | Single | STOP | Recalib | Analyze | Reports

Run	Sample ID	Method	Filename	Level	Ampl	ISTD	Mult.	Failure Act
25	CCV77-15	ic57i05.met	JJ17.025	0	1	0	1	Continue
26	IPCS	ic57i05.met	JJ17.026	0	1	0	1	Continue
27	PCJ005WB	ic57i05.met	JJ17.027	0	1	0	1	Continue
28	MRL	ic57i05.met	JJ17.028	0	1	0	1	Continue
29	PCJ005WL	ic57i05.met	JJ17.029	0	1	0	1	Continue
30	PCJ005WC	ic57i05.met	JJ17.030	0	1	0	1	Continue
31	J021-06 DF=16	ic57i05.met	JJ17.031	0	1	0	16	Continue
32	J021-07 DF=100	ic57i05.met	JJ17.032	0	1	0	100	Continue
33	J021-08 DF=200	ic57i05.met	JJ17.033	0	1	0	200	Continue
34	J021-09 DF=200	ic57i05.met	JJ17.034	0	1	0	200	Continue
35	J021-12 DF=16	ic57i05.met	JJ17.035	0	1	0	16	Continue
36	J021-13 DF=16	ic57i05.met	JJ17.036	0	1	0	16	Continue
37	CCV78-30	ic57i05.met	JJ17.037	0	1	0	1	Continue
38	J021-15 DF=16	ic57i05.met	JJ17.038	0	1	0	16	Continue
39	J068-04 DF=16	ic57i05.met	JJ17.039	0	1	0	16	Continue
40	J068-05 DF=1000	ic57i05.met	JJ17.040	0	1	0	1000	Continue
41	J067-03 DF=10	ic57i05.met	JJ17.041	0	1	0	10	Continue
42	J067-04 DF=1000	ic57i05.met	JJ17.042	0	1	0	1000	Continue
43	J067-07 DF=2000	ic57i05.met	JJ17.043	0	1	0	2000	Continue
44	J067-07D DF=2000	ic57i05.met	JJ17.044	0	1	0	2000	Continue
45	J067-07M DF=2000	ic57i05.met	JJ17.045	0	1	0	2000	Continue
46	CCV79-15	ic57i05.met	JJ17.046	0	1	0	1	Continue
47	B	ic57i05.met	JJ17.047	0	1	0	1	Continue
48	B	ic57i05.met	JJ17.048	0	1	0	1	Continue
49	B	ic57i05.met	JJ17.049	0	1	0	1	Continue

Instrument 1: T057

Start | EZChrom Chromatography | Method: ic57i05.met | Method: ic57i05.met - Bat... | Untitled - Paint | Tuesday, October 17, 2006 | 7:36 PM

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PROJECT: **LMC BEAUMONT SITE 2**

SDG: **06J067**

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	METHOD 5030B/8260B	2039 – 2060
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GC-SVOA	**	5000 –
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OTHERS	N-NITROSODIMETHYLAMINE BY GCMS	

** - Not Requested

EMAX
LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax: (310) 618-0818

Date: 11-16-2006
EMAX Batch No.: 06J067

Attn: Brenda Meyer

Tetra Tech, Inc.
348 W Hospitality Lane, Ste 100
San Bernardino CA 92408

Subject: Laboratory Report
Project: LMC Beaumont Site 2

Enclosed is the Laboratory report for samples received on 10/06/06.
The data reported include :

Sample ID	Control #	Col Date	Matrix	Analysis
LTB-100506	J067-01	10/05/06	WATER	VOLATILE ORGANICS BY GC/MS
LEB-100506-B	J067-02	10/05/06	WATER	VOLATILE ORGANICS BY GC/MS
				1,2,3-TRICHLOROPROPANE SIM
				PERCHLORATE BY IC
				NITROAROMATICS & NITRAMINES
				SEMIVOLATILE ORGANICS BY GCMS
				METALS CAM
				MERCURY
				CATIONS
				ANIONS BY IC
				ALKALINITY
				SOLIDS TOTAL DISSOLVED
				N-NITROSODIMETHYLAMINE BY GCMS
TT-MW2-11	J067-03	10/05/06	WATER	VOLATILE ORGANICS BY GC/MS
				1,2,3-TRICHLOROPROPANE SIM
				PERCHLORATE BY IC
				NITROAROMATICS & NITRAMINES
				SEMIVOLATILE ORGANICS BY GCMS
				METALS CAM

Sample ID	Control #	Col Date	Matrix	Analysis
				MERCURY
				CATIONS
				ANIONS BY IC
				ALKALINITY
				SOLIDS TOTAL DISSOLVED
				N-NITROSODIMETHYLAMINE BY GCMS
TT-MW2-B	J067-04	10/05/06	WATER	VOLATILE ORGANICS BY GC/MS
				PERCHLORATE BY IC
TT-MW2-12	J067-05	10/05/06	WATER	VOLATILE ORGANICS BY GC/MS
				1,2,3-TRICHLOROPROPANE SIM
				PERCHLORATE BY IC
				NITROAROMATICS & NITRAMINES
				SEMIVOLATILE ORGANICS BY GCMS
				METALS CAM
				MERCURY
				CATIONS
				ANIONS BY IC
				ALKALINITY
				SOLIDS TOTAL DISSOLVED
				N-NITROSODIMETHYLAMINE BY GCMS
LEB-100506GP	J067-06	10/05/06	WATER	VOLATILE ORGANICS BY GC/MS
				PERCHLORATE BY IC
TT-MW2-3	J067-07	10/05/06	WATER	VOLATILE ORGANICS BY GC/MS
				PERCHLORATE BY IC
TT-MW2-3MS	J067-07M	10/05/06	WATER	VOLATILE ORGANICS BY GC/MS
				PERCHLORATE BY IC
TT-MW2-3MSD	J067-07S	10/05/06	WATER	VOLATILE ORGANICS BY GC/MS
TT-MW2-3DUP	J067-07D	10/05/06	WATER	PERCHLORATE BY IC

Note: N-Nitrosodimethylamine by GCMS was subcontracted to Maxxam Analytics, Inc.

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Kam Y. Pang, Ph.D.
Laboratory Director

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	ECN 06J067
☒ EMAX Courier	SEE COC	Recepient JOE.
☐ Client Delivery		Date 10-6-06
☐ Third Party		Time 1330

COC Inspection

☒ Client Name ☒ Client PM/FC ☒ Sampler Name ☒ Sampling Date/Time/Location ☒ Sample ID ☒ Matrix
☒ Address ☒ Tel # / Fax # ☒ Courier Signature ☒ Analysis Required ☒ Preservative (if any) ☒ TAT

Safety Issues

☒ None ☐ High concentrations expected ☐ Superfund Site samples ☐ Rad screening required

Comments:

Packaging Inspection

Container	☒ Cooler	☐ Box	☐ Other		
Condition	☐ Custody Seal	☒ Intact	☐ Damaged		
Packaging	☒ Bubble Pack	☐ Styrofoam	☒ Popcorn	☒ Sufficient	☒ plastic Bag
Temperatures	☒ Cooler 1 3.5 °C	☐ Cooler 2 ____ °C	☐ Cooler 3 ____ °C	☐ Cooler 4 ____ °C	☐ Cooler 5 ____ °C
	☐ Cooler 6 ____ °C	☐ Cooler 7 ____ °C	☐ Cooler 8 ____ °C	☐ Cooler 9 ____ °C	☐ Cooler 10 ____ °C

Comments: ☐ **PM was informed on non-compliant coolers imediately.**

DISCREPANCIES

LSID	LSCID	Sample Label ID/COC ID	Discrepancy Code	Corrective Action Code
02		LTB-100506-B	B3	
03	023		H1	
06	048 & 051		H2	
07			H3	

REVIEWS

Sample Labeling [signature] Date 10/6/06

SRF [signature] Date 10/6/06

PM [signature] Date 10/9/06

LEGEND:

Code	Description- Sample Management	Code	Description-Sample Management	Code	Description-Project Management
A1	Analysis is not indicated in COC	E1	Preservative needed; sample has no preservative	R1	Hold sample(s); wait for further instructions
A2	Analysis is not indicated in label	E2	Preservative not needed but sample is preserved	R2	Proceed as indicated in COC
A3	Analysis is inconsistent in COC vis-à-vis label	F1	Not enough quantity of samples	R3	Refer to attached instruction
B1	Sample ID is not indicated in COC	F2	Bubble is> 6mm	R4	Cancel the analysis
B2	Sample ID is not indicated in label	G1	Temperature is out of range (4 +_ 2°C)	R5	
B3	Sample ID is inconsistent in COC vis-à-vis label	G2	Out of Holding Time	R6	
C1	Wrong container	G3	>20 % solid particle		
C2	Broken container	H1	NO client label (RCD is not label)		
C3	Leaking container	H2	label on VOC Reads Analysis 314.0 label on HDPE Reads Analysis 8260 (Label - Switched)		
D1	Date and/or time is not indicated in COC				
D2	Date and/or time is not indicated in label				
D3	Date and/or time is inconsistent in COC vis-à-vis label				

H3- TOTAL NO of Containers (12) VS COC Reads (14) [illegible]

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: EMAX

CHAIN OF CUSTODY RECORD

06J067

DATE 10/5/06 PAGE 1 OF 1

CLIENT: LMC
PROJECT NAME: LMC Rent S.L.2
PROJECT MANAGER: Brenda Mayer
TC #: 18658-02 (TT-MW2-3 T8086-02)
SAMPLERS (Signatures)

PARAMETERS

TURN-AROUND TIME: Standard

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B VOC	8260B VOC w/TIC Search	524.2 1,2,3 TCP	314.0 Perchlorate	8330 RDX	8270C SVOC w/TIC Search	Gen Min	CAM 17 Metals	1624 NDMA						FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	LTB-100506	10/5/06	700	X																	2		
2.	LEB-100506-B		915	[redacted]	X	X	X	X	X	X	X	X									14		
3.	TT-MW2-[redacted]11		940	[redacted]	X	X	X	X	X	X	X	X									13		TT-MW2-11
4.	TT-MW2-13		1010	X			X														4		
5.	TT-MW2-12		1220	[redacted]	X	X	X	X	X	X	X	X									14		
6.	LEB-100506GP		710	X			X														4		
7.	TT-MW2-3		1105	X			X														4		MS/MSD
8.																							
9.																							
10.																							

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NR (None required); NaOH; H_2SO_4

RELINQUISHED BY: Chris Park	SIGNATURE	TETRA TECH, INC.	DATE 10/5/06	TIME 1150	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 55
RECEIVED BY: A. Gauch	SIGNATURE	COMPANY EMAX	DATE 10/5/06	TIME 1150	METHOD OF SHIPMENT/SHIPMENT NO.
RELINQUISHED BY: A. Gauch	SIGNATURE	COMPANY Ebast	DATE 10/5/06	TIME 1330	Special Shipping/Handling/Storage Requirements:
RECEIVED BY: [illegible]	SIGNATURE: Alcantara	COMPANY Eurax	DATE 10/6/06	TIME 1330	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

T = 3.5°C

X:\GIS\ATT-MISC\COCR.CDR

REPORTING CONVENTIONS

DATA QUALIFIERS:

Lab Qualifier	AFCEE Qualifier	Description
J	F	Indicates that the analyte is positively identified and the result is less than RL but greater than MDL.
N		Indicates presumptive evidence of a compound.
B	B	Indicates that the analyte is found in the associated method blank as well as in the sample at above QC level.
E	J	Indicates that the result is above the maximum calibration range.
*	*	Out of QC limit.

Note: The above qualifiers are used to flag the results unless the project requires a different set of qualification criteria.

ACRONYMS AND ABBREVIATIONS:

CRDL	Contract Required Detection Limit
RL	Reporting Limit
MRL	Method Reporting Limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
DO	Diluted out

DATES

The date and time information for leaching and preparation reflect the beginning date and time of the procedure unless the method, protocol, or project specifically requires otherwise.

LABORATORY REPORT FOR

TETRA TECH, INC.

LMC BEAUMONT SITE 2

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

SDG#: 06J067

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J067

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Seven (7) water samples were received on 10/06/06 for Volatile Organic analysis by Method 5030B/8260B in accordance with USEPA SW846, 3RD edition.

1. **Holding Time**

   Analytical holding time was met.

2. **Tuning and Calibration**

   Tuning and calibration were carried out at 12-hour interval. All QC requirements were met.

3. **Method Blank**

   Method blank was free of contamination at the reporting limit.

4. **Surrogate Recovery**

   Recoveries were within QC limits.

5. **Lab Control Sample/Lab Control Sample Duplicate**

   All recoveries were within QC limits.

6. **Matrix Spike/Matrix Spike Duplicate**

   Sample J067-07 was spiked. All recoveries were within QC limit.

7. **Sample Analysis**

   Samples were analyzed according to the prescribed QC procedures. All requirements were met.

LAB CHRONI
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2

SDG NO. : 06J067
Instrument ID : T-005

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V005J21Q	1	NA	10/11/0606:41	10/11/0606:41	RJQ225	RJQ124	V005J21	Method Blank
LCS1W	V005J21L	1	NA	10/11/0604:51	10/11/0604:51	RJQ222	RJQ124	V005J21	Lab Control Sample (LCS)
LCD1W	V005J21C	1	NA	10/11/0605:28	10/11/0605:28	RJQ223	RJQ124	V005J21	LCS Duplicate
LTB-100506	J067-01	1	NA	10/11/0607:18	10/11/0607:18	RJQ226	RJQ124	V005J21	Field Sample
LEB-100506-B	J067-02	1	NA	10/11/0607:55	10/11/0607:55	RJQ227	RJQ124	V005J21	Field Sample
LEB-100506GP	J067-06	1	NA	10/11/0608:32	10/11/0608:32	RJQ228	RJQ124	V005J21	Field Sample
TT-MW2-3	J067-07	1	NA	10/11/0609:08	10/11/0609:08	RJQ229	RJQ124	V005J21	Field Sample
TT-MW2-11	J067-03	1	NA	10/11/0609:47	10/11/0609:47	RJQ230	RJQ124	V005J21	Field Sample
TT-MW2-B	J067-04	1	NA	10/11/0610:24	10/11/0610:24	RJQ231	RJQ124	V005J21	Field Sample
TT-MW2-12	J067-05	1	NA	10/11/0611:01	10/11/0611:01	RJQ232	RJQ124	V005J21	Field Sample
TT-MW2-3MS	J067-07M	1	NA	10/11/0611:38	10/11/0611:38	RJQ233	RJQ124	V005J21	Matrix Spike Sample (MS)
TT-MW2-3MSD	J067-07S	1	NA	10/11/0612:16	10/11/0612:16	RJQ234	RJQ124	V005J21	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

lient	: TETRA TECH, INC.	Date Collected:	10/05/06
t	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
No.	: 06J067	Date Extracted:	10/11/06 07:18
ample ID:	LTB-100506	Date Analyzed:	10/11/06 07:18
ab Samp ID:	J067-01	Dilution Factor:	1
ab File ID:	RJQ226	Matrix	: WATER
xt Btch ID:	V005J21	% Moisture	: NA
alib. Ref.:	RJQ124	Instrument ID	: T-005

ARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
,1,1-TRICHLOROETHANE	ND	1.0	0.20
,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
,1,2-TRICHLOROETHANE	ND	1.0	0.20
,1-DICHLOROETHANE	ND	1.0	0.20
,1-DICHLOROETHENE	ND	1.0	0.20
,2-DICHLOROETHANE	ND	1.0	0.20
,2-DICHLOROPROPANE	ND	1.0	0.20
-BUTANONE	ND	10	5.0
-HEXANONE	ND	10	5.0
-METHYL-2-PENTANONE	ND	10	5.0
CETONE	ND	10	5.0
ENZENE	ND	1.0	0.20
ROMODICHLOROMETHANE	ND	1.0	0.20
ROMOFORM	ND	1.0	0.30
ROMOMETHANE	ND	1.0	0.20
ARBON DISULFIDE	ND	1.0	0.20
ARBON TETRACHLORIDE	ND	1.0	0.20
HLOROBENZENE	ND	1.0	0.20
HLOROETHANE	ND	1.0	0.20
HLOROFORM	ND	1.0	0.20
METHANE	ND	1.0	0.20
,2-DICHLOROETHENE	ND	1.0	0.20
IS-1,3-DICHLOROPROPENE	ND	1.0	0.20
IBROMOCHLOROMETHANE	ND	1.0	0.20
THYLBENZENE	ND	1.0	0.20
/P-XYLENES	ND	2.0	0.50
TBE	ND	1.0	0.20
ETHYLENE CHLORIDE	ND	1.0	0.50
-XYLENE	ND	1.0	0.20
TYRENE	ND	1.0	0.20
ETRACHLOROETHENE	ND	1.0	0.20
OLUENE	ND	1.0	0.20
RANS-1,2-DICHLOROETHENE	ND	1.0	0.20
RANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
RICHLOROETHENE	ND	1.0	0.20
INYL CHLORIDE	ND	1.0	0.20

URROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	109	70-140
-BROMOFLUOROBENZENE	105	70-130
OLUENE-D8	107	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/11/06 07:55
Sample ID	: LEB-100506-B	Date Analyzed:	10/11/06 07:55
Lab Samp ID	: J067-02	Dilution Factor:	1
Lab File ID	: RJQ227	Matrix	: WATER
Ext Btch ID	: VO05J21	% Moisture	: NA
Calib. Ref.	: RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1	.2
1,1,2,2-TETRACHLOROETHANE	ND	1	.2
1,1,2-TRICHLOROETHANE	ND	1	.2
1,1-DICHLOROETHANE	ND	1	.2
1,1-DICHLOROETHENE	ND	1	.2
1,2-DICHLOROETHANE	ND	1	.2
1,2-DICHLOROPROPANE	ND	1	.2
2-BUTANONE	ND	10	5
2-HEXANONE	ND	10	5
4-METHYL-2-PENTANONE	ND	10	5
ACETONE	ND	10	5
BENZENE	ND	1	.2
BROMODICHLOROMETHANE	ND	1	.2
BROMOFORM	ND	1	.3
BROMOMETHANE	ND	1	.2
CARBON DISULFIDE	ND	1	.2
CARBON TETRACHLORIDE	ND	1	.2
CHLOROBENZENE	ND	1	.2
CHLOROETHANE	ND	1	.2
CHLOROFORM	.26J	1	.2
CHLOROMETHANE	ND	1	.2
CIS-1,2-DICHLOROETHENE	ND	1	.2
CIS-1,3-DICHLOROPROPENE	ND	1	.2
DIBROMOCHLOROMETHANE	ND	1	.2
ETHYLBENZENE	ND	1	.2
M/P-XYLENES	ND	2	.5
MTBE	ND	1	.2
METHYLENE CHLORIDE	ND	1	.5
O-XYLENE	ND	1	.2
STYRENE	ND	1	.2
TETRACHLOROETHENE	ND	1	.2
TOLUENE	ND	1	.2
TRANS-1,2-DICHLOROETHENE	ND	1	.2
TRANS-1,3-DICHLOROPROPENE	ND	1	.2
TRICHLOROETHENE	ND	1	.2
VINYL CHLORIDE	ND	1	.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/11/06 07:55
Sample ID:	LEB-100506-B	Date Analyzed:	10/11/06 07:55
Lab Samp ID:	J067-02	Dilution Factor:	1
Lab File ID:	RJQ227	Matrix :	WATER
Ext Btch ID:	VO05J21	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

Number of TIC : 1

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	1.6J	1.73	4

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/11/06 09:47
Sample ID:	TT-MW2-11	Date Analyzed:	10/11/06 09:47
Lab Samp ID:	J067-03	Dilution Factor:	1
Lab File ID:	RJQ230	Matrix :	WATER
Ext Btch ID:	V005J21	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1	.2
1,1,2,2-TETRACHLOROETHANE	ND	1	.2
1,1,2-TRICHLOROETHANE	ND	1	.2
1,1-DICHLOROETHANE	ND	1	.2
1,1-DICHLOROETHENE	ND	1	.2
1,2-DICHLOROETHANE	ND	1	.2
1,2-DICHLOROPROPANE	ND	1	.2
2-BUTANONE	ND	10	5
2-HEXANONE	ND	10	5
4-METHYL-2-PENTANONE	ND	10	5
ACETONE	ND	10	5
BENZENE	ND	1	.2
BROMODICHLOROMETHANE	ND	1	.2
BROMOFORM	ND	1	.3
BROMOMETHANE	ND	1	.2
CARBON DISULFIDE	ND	1	.2
CARBON TETRACHLORIDE	ND	1	.2
CHLOROBENZENE	ND	1	.2
CHLOROETHANE	ND	1	.2
CHLOROFORM	ND	1	.2
CHLOROMETHANE	.69J	1	.2
CIS-1,2-DICHLOROETHENE	ND	1	.2
CIS-1,3-DICHLOROPROPENE	ND	1	.2
DIBROMOCHLOROMETHANE	ND	1	.2
ETHYLBENZENE	ND	1	.2
M/P-XYLENES	ND	2	.5
MTBE	ND	1	.2
METHYLENE CHLORIDE	ND	1	.5
O-XYLENE	ND	1	.2
STYRENE	ND	1	.2
TETRACHLOROETHENE	ND	1	.2
TOLUENE	ND	1	.2
TRANS-1,2-DICHLOROETHENE	ND	1	.2
TRANS-1,3-DICHLOROPROPENE	ND	1	.2
TRICHLOROETHENE	7.1	1	.2
VINYL CHLORIDE	ND	1	.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	112	70-140
4-BROMOFLUOROBENZENE	107	70-130
TOLUENE-D8	107	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/11/06 09:47
Sample ID:	TT-MW2-11	Date Analyzed:	10/11/06 09:47
Lab Samp ID:	J067-03	Dilution Factor:	1
Lab File ID:	RJQ230	Matrix	: WATER
Ext Btch ID:	VO05J21	% Moisture	: NA
Calib. Ref.:	RJQ124	Instrument ID	: T-005

Number of TIC : 3

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	2.5J	1.73	4
UNKNOWN	.95J	1.83	3
UNKNOWN	.73J	4.66	78

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/11/06 10:24
Sample ID:	TT-MW2-B	Date Analyzed:	10/11/06 10:24
Lab Samp ID:	J067-04	Dilution Factor:	1
Lab File ID:	RJQ231	Matrix	: WATER
Ext Btch ID:	VO05J21	% Moisture	: NA
Calib. Ref.:	RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	107	70-130
TOLUENE-D8	107	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH, INC.	Date Collected: 10/05/06
P[illegible]ct : LMC BEAUMONT SITE 2	Date Received: 10/06/06
[illegible] No. : 06J067	Date Extracted: 10/11/06 11:01
Sample ID: TT-MW2-12	Date Analyzed: 10/11/06 11:01
Lab Samp ID: J067-05	Dilution Factor: 1
Lab File ID: RJQ232	Matrix : WATER
Ext Btch ID: VQ05J21	% Moisture : NA
Calib. Ref.: RJQ124	Instrument ID : T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1	.2
1,1,2,2-TETRACHLOROETHANE	ND	1	.2
1,1,2-TRICHLOROETHANE	ND	1	.2
1,1-DICHLOROETHANE	ND	1	.2
1,1-DICHLOROETHENE	ND	1	.2
1,2-DICHLOROETHANE	ND	1	.2
1,2-DICHLOROPROPANE	ND	1	.2
2-BUTANONE	ND	10	5
2-HEXANONE	ND	10	5
4-METHYL-2-PENTANONE	ND	10	5
ACETONE	20	10	5
BENZENE	ND	1	.2
BROMODICHLOROMETHANE	ND	1	.2
BROMOFORM	ND	1	.3
BROMOMETHANE	ND	1	.2
CARBON DISULFIDE	ND	1	.2
CARBON TETRACHLORIDE	ND	1	.2
CHLOROBENZENE	ND	1	.2
CHLOROETHANE	ND	1	.2
CHLOROFORM	ND	1	.2
C[illegible]OMETHANE	ND	1	.2
[illegible],2-DICHLOROETHENE	ND	1	.2
CIS-1,3-DICHLOROPROPENE	ND	1	.2
DIBROMOCHLOROMETHANE	ND	1	.2
ETHYLBENZENE	ND	1	.2
M/P-XYLENES	ND	2	.5
MTBE	ND	1	.2
METHYLENE CHLORIDE	ND	1	.5
O-XYLENE	ND	1	.2
STYRENE	ND	1	.2
TETRACHLOROETHENE	ND	1	.2
TOLUENE	.22J	1	.2
TRANS-1,2-DICHLOROETHENE	ND	1	.2
TRANS-1,3-DICHLOROPROPENE	ND	1	.2
TRICHLOROETHENE	ND	1	.2
VINYL CHLORIDE	ND	1	.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	112	70-140
4-BROMOFLUOROBENZENE	103	70-130
TOLUENE-D8	101	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/11/06 11:01
Sample ID:	TT-MW2-12	Date Analyzed:	10/11/06 11:01
Lab Samp ID:	J067-05	Dilution Factor:	1
Lab File ID:	RJQ232	Matrix :	WATER
Ext Btch ID:	V005J21	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

Number of TIC : 4

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	.67J	1.64	45
UNKNOWN	1.5J	1.73	4
UNKNOWN	3J	1.79	4
1-PROPENE, 2-METHYL-	1.3J	2.00	87

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
SDG No.	: 06J067	Date Extracted:	10/11/06 08:32
Sample ID	: LEB-100506GP	Date Analyzed:	10/11/06 08:32
Lab Samp ID	: J067-06	Dilution Factor:	1
Lab File ID	: RJQ228	Matrix	: WATER
Ext Btch ID	: V005J21	% Moisture	: NA
Calib. Ref.	: RJQ124	Instrument ID	: T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1.0	0.20
1,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
1,1,2-TRICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHANE	ND	1.0	0.20
1,1-DICHLOROETHENE	ND	1.0	0.20
1,2-DICHLOROETHANE	ND	1.0	0.20
1,2-DICHLOROPROPANE	ND	1.0	0.20
2-BUTANONE	ND	10	5.0
2-HEXANONE	ND	10	5.0
4-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	5.9J	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	0.36J	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	ND	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	110	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	104	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

:lient : TETRA TECH, INC.	Date Collected: 10/05/06
'roject : LMC BEAUMONT SITE 2	Date Received: 10/06/06
:atch No. : 06J067	Date Extracted: 10/11/06 09:08
:ample ID: TT-MW2-3	Date Analyzed: 10/11/06 09:08
ab Samp ID: J067-07	Dilution Factor: 1
.ab File ID: RJQ229	Matrix : WATER
:xt Btch ID: VO05J21	% Moisture : NA
:alib. Ref.: RJQ124	Instrument ID : T-005

'ARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
,1,1-TRICHLOROETHANE	ND	1.0	0.20
,1,2,2-TETRACHLOROETHANE	ND	1.0	0.20
,1,2-TRICHLOROETHANE	ND	1.0	0.20
,1-DICHLOROETHANE	ND	1.0	0.20
,1-DICHLOROETHENE	ND	1.0	0.20
,2-DICHLOROETHANE	ND	1.0	0.20
,2-DICHLOROPROPANE	ND	1.0	0.20
!-BUTANONE	ND	10	5.0
!-HEXANONE	ND	10	5.0
-METHYL-2-PENTANONE	ND	10	5.0
ACETONE	ND	10	5.0
BENZENE	ND	1.0	0.20
BROMODICHLOROMETHANE	ND	1.0	0.20
BROMOFORM	ND	1.0	0.30
BROMOMETHANE	ND	1.0	0.20
CARBON DISULFIDE	ND	1.0	0.20
CARBON TETRACHLORIDE	ND	1.0	0.20
CHLOROBENZENE	ND	1.0	0.20
CHLOROETHANE	ND	1.0	0.20
CHLOROFORM	ND	1.0	0.20
CHLOROMETHANE	ND	1.0	0.20
CIS-1,2-DICHLOROETHENE	ND	1.0	0.20
CIS-1,3-DICHLOROPROPENE	ND	1.0	0.20
DIBROMOCHLOROMETHANE	ND	1.0	0.20
ETHYLBENZENE	ND	1.0	0.20
M/P-XYLENES	ND	2.0	0.50
MTBE	ND	1.0	0.20
METHYLENE CHLORIDE	ND	1.0	0.50
O-XYLENE	ND	1.0	0.20
STYRENE	ND	1.0	0.20
TETRACHLOROETHENE	ND	1.0	0.20
TOLUENE	ND	1.0	0.20
TRANS-1,2-DICHLOROETHENE	ND	1.0	0.20
TRANS-1,3-DICHLOROPROPENE	ND	1.0	0.20
TRICHLOROETHENE	4.8	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	111	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	106	70-140

QC SUMMARIES

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	NA
Project	: LMC BEAUMONT SITE 2	Date Received:	10/11/06
Batch No.	: 06J067	Date Extracted:	10/11/06 06:41
Sample ID:	MBLK1W	Date Analyzed:	10/11/06 06:41
Lab Samp ID:	V005J21Q	Dilution Factor:	1
Lab File ID:	RJQ225	Matrix :	WATER
Ext Btch ID:	V005J21	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	1	.2
1,1,2,2-TETRACHLOROETHANE	ND	1	.2
1,1,2-TRICHLOROETHANE	ND	1	.2
1,1-DICHLOROETHANE	ND	1	.2
1,1-DICHLOROETHENE	ND	1	.2
1,2-DICHLOROETHANE	ND	1	.2
1,2-DICHLOROPROPANE	ND	1	.2
2-BUTANONE	ND	10	5
2-HEXANONE	ND	10	5
4-METHYL-2-PENTANONE	ND	10	5
ACETONE	ND	10	5
BENZENE	ND	1	.2
BROMODICHLOROMETHANE	ND	1	.2
BROMOFORM	ND	1	.3
BROMOMETHANE	ND	1	.2
CARBON DISULFIDE	ND	1	.2
CARBON TETRACHLORIDE	ND	1	.2
CHLOROBENZENE	ND	1	.2
CHLOROETHANE	ND	1	.2
CHLOROFORM	ND	1	.2
CHLOROMETHANE	ND	1	.2
CIS-1,2-DICHLOROETHENE	ND	1	.2
CIS-1,3-DICHLOROPROPENE	ND	1	.2
DIBROMOCHLOROMETHANE	ND	1	.2
ETHYLBENZENE	ND	1	.2
M/P-XYLENES	ND	2	.5
MTBE	ND	1	.2
METHYLENE CHLORIDE	ND	1	.5
O-XYLENE	ND	1	.2
STYRENE	ND	1	.2
TETRACHLOROETHENE	ND	1	.2
TOLUENE	ND	1	.2
TRANS-1,2-DICHLOROETHENE	ND	1	.2
TRANS-1,3-DICHLOROPROPENE	ND	1	.2
TRICHLOROETHENE	ND	1	.2
VINYL CHLORIDE	ND	1	.2

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	105	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	NA
Project	: LMC BEAUMONT SITE 2	Date Received:	10/11/06
Batch No.	: 06J067	Date Extracted:	10/11/06 06:41
Sample ID:	MBLK1W	Date Analyzed:	10/11/06 06:41
Lab Samp ID:	V005J21Q	Dilution Factor:	1
Lab File ID:	RJQ225	Matrix :	WATER
Ext Btch ID:	V005J21	% Moisture :	NA
Calib. Ref.:	RJQ124	Instrument ID :	T-005

Number of TIC : 1

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	2J	1.73	4

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V005J21Q	V005J21L	V005J21C		
LAB FILE ID:	RJQ225	RJQ222	RJQ223		
DATE EXTRACTED:	10/11/0606:41	10/11/0604:51	10/11/0605:28	DATE COLLECTED:	NA
DATE ANALYZED:	10/11/0606:41	10/11/0604:51	10/11/0605:28	DATE RECEIVED:	10/11/06
PREP. BATCH:	V005J21	V005J21	V005J21		
CALIB. REF:	RJQ124	RJQ124	RJQ124		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	10.3	103	10.0	10.3	103	0	60-130	30
Benzene	ND	10.0	10.3	103	10.0	10.2	102	1	70-130	30
Chlorobenzene	ND	10.0	9.74	97	10.0	9.86	99	1	70-120	30
Toluene	ND	10.0	10.1	101	10.0	10.2	102	1	70-130	30
Trichloroethene	ND	10.0	10.5	105	10.0	10.5	105	0	70-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	10.6	106	10.0	10.7	107	70-140
4-Bromofluorobenzene	10.0	10.4	104	10.0	10.5	105	70-130
Toluene-d8	10.0	10.4	104	10.0	10.3	103	70-130

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
B NO.: 06J067
M D: SW 5030B/8260B

MATRIX: WATER % MOISTURE: NA

DILUTION FACTOR:	1	1	1		
SAMPLE ID:	TT-MW2-3				
LAB SAMP ID:	J067-07	J067-07M	J067-07S		
LAB FILE ID:	RJQ229	RJQ233	RJQ234		
DATE EXTRACTED:	10/11/0609:08	10/11/0611:38	10/11/0612:16	DATE COLLECTED:	10/05/06
DATE ANALYZED:	10/11/0609:08	10/11/0611:38	10/11/0612:16	DATE RECEIVED:	10/06/06
PREP. BATCH:	V005J21	V005J21	V005J21		
CALIB. REF:	RJQ124	RJQ124	RJQ124		

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,1-Dichloroethene	ND	10.0	9.90	99	10.0	9.91	99	0	60-140	30
Benzene	ND	10.0	9.74	97	10.0	9.82	98	1	60-140	30
Chlorobenzene	ND	10.0	9.38	94	10.0	9.34	93	0	63-132	30
Toluene	ND	10.0	9.80	98	10.0	9.65	96	2	70-140	30
Trichloroethene	4.84	10.0	14.3	95	10.0	14.4	96	0	60-140	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	SPIKE AMT (ug/L)	MSD RSLT (ug/L)	MSD % REC	QC LIMIT (%)
1,2-Dichloroethane-d4	10.0	11.3	113	10.0	11.3	113	70-140
mofluorobenzene	10.0	10.3	103	10.0	10.4	104	70-130
ne-d8	10.0	10.3	103	10.0	10.4	104	70-140

INITIAL CALIBRATION

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

.ab Name: EMAX Inc
.e: EMXT Case No.:
.le ID: RJQ118
Instrument ID: T-005
GC Column:RTX502.2ID:0.32mm (mm)

Contract: LMC BEAUMONT SITE 2
SAS No.: SDG No.: 06J067
BFB Injection Date : 10/05/06
BFB Injection Time : 17:29
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.99
75	30.0 - 60.0% of mass 95	54.84
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.56
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	69.90
175	5.0 - 9.0% of mass 174	4.93(7.1)1
176	95.0 - 101.0% of mass 174	68.51(98.0)1
177	5.0 - 9.0% of mass 176	5.28(7.7)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
1	VSTD0.3	V005J051	RJQ119	10/05/06	18:05
2	VSTD0.5	V005J052	RJQ120	10/05/06	18:41
3	VSTD01	V005J053	RJQ121	10/05/06	19:18
4	VSTD02	V005J054	RJQ122	10/05/06	19:55
5	VSTD05	V005J055	RJQ123	10/05/06	20:32
6	VSTD010	V005J056	RJQ124	10/05/06	21:09
7	VSTD020	V005J057	RJQ125	10/05/06	21:46
8	VSTD030	V005J058	RJQ126	10/05/06	22:23
9	VSTD040	V005J059	RJQ127	10/05/06	22:59
10	VSTD050	V005J0510	RJQ128	10/05/06	23:37
11	VSTD010	IV005J0501	RJQ131	10/06/06	01:28

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T005
Beginning DateTime :10/05/06 18:05
Spike Units :PPB
IC File :RJQ124

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :10/05/06 23:37
HPChem Method :V005J05

M	IDX	Parameters	.3 18:05 RJQ119	.5 18:41 RJQ120	1 19:18 RJQ121	2 19:55 RJQ122	5 20:32 RJQ123	10 21:09 RJQ124	20 21:46 RJQ125	30 22:23 RJQ126	40 22:59 RJQ127	50 23:37 RJQ128	Av_RRF	%_RSD	Av_Rt_M
	1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	0	8.5257
	2	Dichlorodifluoromethane	0.509	0.536	0.472	0.556	0.528	0.600	0.573	0.599	0.498	0.531	0.540	7.82	1.6774
	3	Chloromethane	0.630	0.680	0.619	0.641	0.592	0.670	0.628	0.642	0.528	0.561	0.619	7.62	1.9295
	4	Vinyl chloride	0.468	0.471	0.460	0.521	0.492	0.567	0.559	0.599	0.498	------	0.515	9.65	2.0580
	5	Bromomethane	0.446	0.353	0.350	0.361	0.334	0.361	0.368	0.413	0.353	0.366	0.371	9.03	2.5687
	6	Chloroethane	0.317	0.402	0.298	0.340	0.305	0.339	0.336	0.365	0.300	0.308	0.331	9.99	2.6673
	7	Dichlorofluoromethane	0.960	0.953	0.956	1.025	0.896	0.949	0.942	1.097	0.898	0.919	0.959	6.32	2.7229
	8	Trichlorofluoromethane	0.592	0.613	0.595	0.664	0.633	0.723	0.684	0.735	0.611	0.625	0.648	7.99	2.9843
	9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
2	10	Acrolein	------	0.026	0.020	0.018	0.021	0.022	0.021	0.024	0.021	0.021	0.022	9.93	3.5363
	11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.279	0.261	0.272	0.286	0.251	0.270	0.266	0.313	0.252	0.260	0.271	6.85	3.5585
2	12	Acetone	------	------	------	0.066	0.053	0.060	0.049	0.055	0.048	0.048	0.054	12.64	3.6327
	13	1,1-Dichloroethene	0.605	0.571	0.601	0.639	0.572	0.607	0.594	0.692	0.564	0.578	0.602	6.45	3.7676
5	14	tert-Butyl alcohol	------	------	0.018	0.019	0.015	0.017	0.018	0.020	0.018	0.017	0.018	7.27	3.9340
	15	Acetonitrile	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	16	Iodomethane	------	------	0.048	0.077	0.150	0.260	0.335	0.457	------	------	0.221	71.77	4.1605
	17	Methyl acetate	------	0.150	0.119	0.097	0.106	0.113	0.109	0.120	0.113	0.110	0.115	12.68	4.2568
	18	Methylene chloride	------	0.812	0.623	0.572	0.461	0.463	0.439	0.509	0.432	0.439	0.528	23.77	4.4263
	19	Carbon disulfide	1.212	1.117	1.212	1.290	1.146	1.266	1.259	1.523	1.287	1.343	1.266	8.95	4.4026
3	20	Acrylonitrile	0.053	0.044	0.046	0.044	0.049	0.049	0.044	0.053	0.048	0.048	0.048	6.87	4.6285
	21	tert-Butyl methyl ether (MTBE)	0.424	0.400	0.452	0.469	0.400	0.365	0.327	0.387	0.361	0.361	0.395	11.15	4.6875
	22	trans-1,2-Dichloroethene	0.629	0.584	0.616	0.646	0.560	0.601	0.584	0.686	0.574	0.588	0.607	6.25	4.8461
	23	Isopropyl ether (DIPE)	0.983	1.041	1.067	1.160	1.006	1.070	1.047	1.249	1.093	1.122	1.084	7.19	5.3688
	24	1,1-Dichloroethane	0.714	0.695	0.726	0.792	0.696	0.727	0.689	0.822	0.695	0.713	0.727	6.17	5.4717
	25	Vinyl acetate	0.519	0.372	0.346	0.418	0.360	0.380	0.371	0.441	0.398	0.400	0.401	12.48	5.5155
	26	tert-Butyl ethyl ether (ETBE)	0.541	0.513	0.576	0.667	0.580	0.595	0.521	0.574	0.490	0.469	0.553	10.47	5.9877
2	27	2-Butanone	------	------	0.062	0.058	0.063	0.054	0.054	0.062	0.057	0.058	0.059	5.94	6.1610
	28	2,2-Dichloropropane	0.464	0.451	0.441	0.410	0.349	0.350	0.337	0.401	0.331	0.345	0.388	13.28	6.3275
	29	cis-1,2-Dichloroethene	0.554	0.521	0.592	0.632	0.562	0.598	0.574	0.691	0.579	0.586	0.589	7.88	6.4000
2	30	tert-Butyl formate (TBF)	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	31	Chloroform	0.619	0.625	0.660	0.693	0.608	0.637	0.617	0.723	0.619	0.625	0.643	5.94	6.6505
	32	Bromochloromethane	0.259	0.243	0.254	0.278	0.247	0.255	0.245	0.288	0.249	0.249	0.257	5.73	6.9009
2	33	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
	34	1,1,1-Trichloroethane	0.503	0.482	0.530	0.524	0.470	0.491	0.494	0.591	0.490	0.514	0.509	6.75	7.2913
	35	Cyclohexane	------	0.559	0.501	0.628	0.691	0.745	0.705	0.818	0.664	0.699	0.668	14.28	7.2987
	36	tert-Amyl methyl ether (TAME)	0.362	0.325	0.387	0.433	0.419	0.400	0.371	0.420	0.364	0.349	0.383	9.14	7.8090
	37	1,2-Dichloroethane-d4	------	------	------	0.290	0.288	0.305	0.275	0.316	0.260	0.268	0.286	7.00	7.8245
	38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	0	14.4313
	39	1,1-Dichloropropene	0.207	0.187	0.210	0.220	0.197	0.209	0.208	0.246	0.201	0.209	0.209	7.53	7.5535
	40	Carbon tetrachloride	0.553	0.493	0.538	0.566	0.505	0.533	0.518	0.606	0.498	0.515	0.532	6.59	7.7027
	41	1,2-Dichloroethane	0.442	0.421	0.457	0.499	0.442	0.456	0.437	0.500	0.432	0.435	0.452	6.00	7.9844
	42	Benzene	1.520	1.516	1.586	1.712	1.512	1.581	1.529	1.810	1.552	1.609	1.593	6.11	7.9928
	43	Trichloroethene	0.443	0.424	0.461	0.479	0.420	0.449	0.437	0.511	0.432	0.448	0.450	6.09	9.0712
	44	Methylcyclohexane	------	------	0.534	0.679	0.763	0.806	0.754	0.858	0.697	0.746	0.730	13.32	9.1733
	45	1,2-Dichloropropane	0.379	0.376	0.394	0.417	0.389	0.394	0.394	0.460	0.397	0.408	0.401	5.94	9.3984
	46	Bromodichloromethane	0.436	0.429	0.467	0.499	0.455	0.483	0.477	0.552	0.482	0.492	0.477	7.31	9.8158
	47	Dibromomethane	0.123	0.146	0.138	0.171	0.157	0.163	0.174	0.186	0.166	0.181	0.160	12.32	9.8950
	48	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
2	49	4-Methyl-2-pentanone	------	------	0.122	0.128	0.158	0.162	0.152	0.173	0.161	0.163	0.152	11.86	10.5435
	50	cis-1,3-Dichloropropene	0.350	0.394	0.402	0.472	0.437	0.460	0.452	0.533	0.469	0.478	0.445	11.60	10.8807
	51	Toluene-d8	------	------	------	1.304	1.298	1.390	1.250	1.474	1.194	1.300	1.316	6.97	11.3237
	52	Toluene	0.932	0.882	0.908	0.997	0.883	0.957	0.945	1.116	0.955	0.982	0.956	7.12	11.4810
	53	Ethyl methacrylate	------	0.174	0.199	0.245	0.241	0.246	0.257	0.305	0.275	0.279	0.247	16.29	11.9503
	54	trans-1,3-Dichloropropene	0.254	0.239	0.288	0.330	0.316	0.338	0.337	0.395	0.349	0.354	0.320	14.82	11.8908
	55	1,1,2-Trichloroethane	0.177	0.191	0.194	0.211	0.188	0.190	0.195	0.223	0.199	0.201	0.197	6.52	12.1817
2	56	2-Hexanone	------	------	------	0.077	0.099	0.100	0.100	0.113	0.106	0.110	0.101	11.70	12.2825
	57	1,3-Dichloropropane	0.330	0.350	0.368	0.439	0.372	0.383	0.374	0.436	0.378	0.384	0.381	8.94	12.7061
	58	Tetrachl[illegible]thene	0.328	0.285	0.333	0.339	0.299	0.325	[illegible]317	0.369	0.310	0.321	0.323	7.09	12.7854

BV
10/13/06

59	Dibromochloromethane	0.199	0.206	0.211	0.241	0.240	0.245	0.248	0.293	0.260	0.263	0.240	12.00	13.1859
60	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
61	1,2-Dibromoethane	------	0.097	0.111	0.125	0.130	0.139	0.133	0.157	0.144	0.146	0.131	14.02	13.6010
62	1-Chlorohexane	0.556	0.535	0.584	0.622	0.567	0.630	0.641	0.753	0.629	0.664	0.618	10.16	14.0746
63	Chlorobenzene	0.951	0.875	0.962	1.010	0.892	0.952	0.935	1.103	0.951	0.978	0.961	6.61	14.5114
64	1,1,1,2-Tetrachloroethane	0.285	0.257	0.311	0.326	0.295	0.318	0.312	0.367	0.313	0.320	0.310	9.20	14.6319
65	Ethylbenzene	1.746	1.675	1.827	1.908	1.731	1.897	1.876	2.227	1.898	1.967	1.875	8.22	14.6690
2 66	m-Xylene & p-Xylene	1.407	1.319	1.447	1.468	1.342	1.465	1.466	1.720	1.457	1.142	1.423	10.26	14.8410
67	o-Xylene	1.225	1.202	1.316	1.439	1.298	1.435	1.392	1.625	1.383	1.438	1.375	8.94	15.7834
68	Styrene	0.764	0.748	0.872	0.952	0.870	0.975	0.978	1.140	0.979	1.016	0.929	12.76	15.8728
69	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	0	20.7151
70	Bromoform	------	0.100	0.215	0.275	0.261	0.289	0.310	0.377	0.340	0.327	0.277	29.38	16.5302
71	Isopropylbenzene	4.694	4.500	4.815	5.103	4.609	5.141	5.281	6.279	5.362	5.356	5.114	10.10	16.6240
72	1,1,2,2-Tetrachloroethane	0.538	0.582	0.585	0.669	0.609	0.625	0.634	0.741	0.662	0.643	0.629	8.92	17.0169
73	4-Bromofluorobenzene	------	------	------	1.206	1.171	1.303	1.200	1.426	1.158	1.198	1.237	7.72	17.1471
74	1,2,3-Trichloropropane	------	0.071	0.118	0.122	0.121	0.125	0.129	0.152	0.132	0.126	0.122	17.76	17.3443
75	trans-1,4-Dichloro-2-butene	------	------	------	0.136	0.133	0.152	0.166	0.203	0.180	0.178	0.164	15.35	17.5518
76	n-Propylbenzene	6.172	5.995	6.400	6.563	6.023	6.751	6.938	8.276	7.022	7.004	6.714	10.02	17.5380
77	Bromobenzene	0.822	0.891	0.905	0.961	0.891	0.957	0.970	1.150	1.004	0.988	0.954	9.24	17.5321
78	2-Chlorotoluene	4.028	3.766	4.031	4.148	3.623	4.014	4.095	4.767	4.051	4.030	4.055	7.31	17.8786
79	1,3,5-Trimethylbenzene	3.562	3.659	3.909	4.034	3.636	3.986	4.091	4.839	4.060	4.107	3.988	9.06	17.9166
80	4-Chlorotoluene	3.642	3.468	3.600	3.689	3.248	3.562	3.607	4.248	3.667	3.693	3.642	6.90	18.0018
81	tert-Butylbenzene	3.765	3.553	3.754	3.906	3.552	3.909	3.981	4.676	3.876	3.999	3.897	8.11	18.7303
82	1,2,4-Trimethylbenzene	3.533	3.443	3.767	3.869	3.461	3.880	3.945	4.586	3.861	3.957	3.830	8.63	18.8070
83	sec-Butylbenzene	5.369	5.123	5.401	5.559	5.046	5.649	5.717	6.759	5.555	5.843	5.602	8.52	19.2277
84	p-Isopropyltoluene	3.952	3.650	4.068	4.251	3.926	4.321	4.332	5.167	4.275	4.475	4.242	9.59	19.5760
85	1,3-Dichlorobenzene	1.896	1.845	1.908	1.994	1.809	1.960	1.960	2.315	1.968	2.017	1.967	7.03	19.6822
86	1,4-Dichlorobenzene	1.806	1.786	1.828	1.885	1.744	1.848	1.866	2.196	1.864	1.914	1.874	6.60	19.9444
87	n-Butylbenzene	3.979	4.069	4.156	4.401	3.983	4.416	4.458	5.309	4.348	4.609	4.373	8.98	20.5414
88	1,2-Dichlorobenzene	1.759	1.582	1.536	1.691	1.493	1.565	1.550	1.819	1.550	1.598	1.614	6.58	20.7817
89	1,2-Dibromo-3-chloropropane	------	------	0.049	0.057	0.057	0.066	0.069	0.085	0.073	0.076	0.066	17.55	22.6795
90	1,2,4-Trichlorobenzene	0.864	0.765	0.867	0.914	0.828	0.909	0.934	1.136	0.951	0.980	0.915	10.90	24.8838
91	Hexachlorobutadiene	0.800	0.756	0.791	0.784	0.683	0.744	0.736	0.916	0.718	0.742	0.767	8.21	25.3070
92	Naphthalene	1.078	0.930	0.919	1.016	0.980	1.098	1.162	1.428	1.279	1.350	1.124	15.79	25.4537
93	1,2,3-Trichlorobenzene	0.773	0.642	0.667	0.730	0.661	0.714	0.742	0.886	0.753	0.788	0.735	9.77	26.0558

Spike Amount = Nominal Amount * M
Ave_%RSD : 10.5 Max_%RSD : 71.8

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
Resp_Ratio = xo + x1 * Amt_Ratio

IDX	Parameter	x0	x1	CCF
16	Iodomethane	-0.05813	0.40360	0.9752*
18	Methylene chloride	0.01875	0.44578	0.9977
53	Ethyl methacrylate	-0.00759	0.27989	0.9981
70	Bromoform	-0.01416	0.33888	0.9970
74	1,2,3-Trichloropropane	-0.00281	0.13421	0.9970
75	trans-1,4-Dichloro-2-butene	-0.01587	0.18497	0.9964
89	1,2-Dibromo-3-chloropropane	-0.00410	0.07631	0.9967
92	Naphthalene	-0.02457	1.30242	0.9962

Use Quadratic Regression of inv conc w.f. for comps of linear reg of inv conc w.f. with CCF < .995
Resp_Ratio = xo + x1 * Amt_Ratio + x2 * Amt_Ratio * Amt_Ratio

IDX	Parameter	x0	x1	x2	CCF2
16	Iodomethane	-0.01276	0.14152	0.10559	0.9992

10/13/92

SECOND SOURCE VERIFICATION

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J05\RJQ131.D
Acq On : 6 Oct 2006 1:28 am
Sample : IV005J0501
Misc : 10.0ppb/20.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 14
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006 * Not evaluated
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	124	0.00
2	T	Dichlorodifluoromethane	10.000	7.527	24.7#	84	0.00
3	P,T	Chloromethane	10.000	9.385	6.2	107	0.00
4	C,T	Vinyl chloride	10.000	9.990	0.1	112	0.00
5	T	Bromomethane	10.000	9.964	0.4	127	0.00
6	T	Chloroethane	10.000	9.650	3.5	116	0.00
7	T	Dichlorofluoromethane	10.000	8.775	12.2	110	0.00
8	T	Trichlorofluoromethane	10.000	9.384	6.2	104	0.00
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	122	0.00
10	T	Acrolein *	20 ~~10~~.000	14.439	27.8 ~~-44.4~~#	173	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.779	2.2	121	0.00
12	T	Acetone	20 ~~10~~.000	17.499	12.5 ~~-75.0~~#	194	0.00
13	C,TM	1,1-Dichloroethene	10.000	9.636	3.6	118	0.00
14	T	tert-Butyl alcohol	50.000	49.250	1.5	127	0.00
	T	Acetonitrile	-1.000	0.000	0.0	135	0.00
16	T	Iodomethane	10.000	9.752	2.5	107	0.00
17	T	Methyl acetate *	10.000	0.990	90.1#	12	0.00
18	T	Methylene chloride	10.000	9.380	6.2	117	0.00
19	T	Carbon disulfide	10.000	10.361	-3.6	128	0.00
20	T	Acrylonitrile	30 ~~20~~.000	30.699	-2.3 ~~-53.5~~#	187	0.00
21	T	tert-Butyl methyl ether (MT	10.000	9.187	8.1	123	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.705	2.9	121	0.00
23	T	Isopropyl ether (DIPE)	10.000	9.817	1.8	123	0.00
24	P,T	1,1-Dichloroethane	10.000	9.441	5.6	117	0.00
25	T	Vinyl acetate	10.000	8.949	10.5	117	0.00
26	T	tert-Butyl ethyl ether (ETB	10.000	11.210	-12.1	129	0.00
27	T	2-Butanone	20 ~~10~~.000	20.349	-1.7 ~~-103.5~~#	271	0.00
28	T	2,2-Dichloropropane	10.000	8.005	19.9	109	0.00
29	T	cis-1,2-Dichloroethene	10.000	9.747	2.5	119	0.00
30	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	138	0.00
31	C,T	Chloroform	10.000	9.519	4.8	119	0.00
32	T	Bromochloromethane	10.000	9.748	2.5	121	0.00
33	T	Tetrahydrofuran	-1.000	0.000	0.0	91	0.00
34	T	1,1,1-Trichloroethane	10.000	9.202	8.0	118	0.00
35	T	Cyclohexane *	10.000	0.048	99.5#	1	0.04
36	T	tert-Amyl methyl ether (TAM	10.000	10.586	-5.9	125	0.00
37	S	1,2-Dichloroethane-d4	10.000	9.695	3.0	112	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	126	0.00
	T	1,1-Dichloropropene	10.000	9.958	0.4	125	0.00
	T	Carbon tetrachloride	10.000	9.173	8.3	115	0.00

DN 10.11.06

(#) = Out of Range

CK 10/13/06

2824

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J05\RJQ131.D
Acq On : 6 Oct 2006 1:28 am
Sample : IV005J0501
Misc : 10.0ppb/20.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 14
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

* Not evaluated

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	9.268	7.3	115	0.00
42	M,T	Benzene	10.000	9.921	0.8	125	0.00
43	M,T	Trichloroethene	10.000	9.755	2.4	123	0.00
44	T	Methylcyclohexane *	10.000	0.010	99.9#	0	-0.02
45	C,T	1,2-Dichloropropane	10.000	9.904	1.0	126	0.00
46	T	Bromodichloromethane	10.000	9.525	4.7	118	0.00
47	T	Dibromomethane	10.000	10.513	-5.1	130	0.00
48	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	127	0.00
49	T	4-Methyl-2-pentanone	20 ~~10~~.000	21.625	-8.1	-~~116.~~3# 256	0.00
50	T	cis-1,3-Dichloropropene	10.000	10.046	-0.5	122	0.00
51	S	Toluene-d8	10.000	10.035	-0.4	119	0.00
52	C,TM	Toluene	10.000	9.917	0.8	124	0.00
53	T	Ethyl methacrylate	10.000	9.316	6.8	129	0.00
54	T	trans-1,3-Dichloropropene	10.000	10.203	-2.0	121	0.00
55	T	1,1,2-Trichloroethane	10.000	9.775	2.2	127	0.00
56	T	2-Hexanone	20 ~~10~~.000	20.204	-1.0	-~~102.~~0# 256	0.00
57	T	1,3-Dichloropropane	10.000	9.830	1.7	123	0.00
58	T	Tetrachloroethene	10.000	9.583	4.2	119	0.00
59	T	Dibromochloromethane	10.000	10.016	-0.2	123	0.00
60	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	116	0.00
61	T	1,2-Dibromoethane	10.000	9.902	1.0	118	0.00
62	T	1-Chlorohexane	10.000	9.507	4.9	117	0.00
63	P,M	Chlorobenzene	10.000	9.499	5.0	120	0.00
64	T	1,1,1,2-Tetrachloroethane	10.000	9.766	2.3	120	0.00
65	C,T	Ethylbenzene	10.000	9.825	1.8	122	0.00
66	T	m-Xylene & p-Xylene	20.000	19.706	1.5	120	0.00
67	T	o-Xylene	10.000	9.838	1.6	118	0.00
68	T	Styrene	10.000	9.908	0.9	119	0.00
69	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	124	0.00
70	P,T	Bromoform	10.000	8.892	11.1	123	0.00
71	T	Isopropylbenzene	10.000	9.717	2.8	120	0.00
72	P,T	1,1,2,2-Tetrachloroethane	10.000	9.571	4.3	119	0.00
73	S	4-Bromofluorobenzene	10.000	10.075	-0.7	118	0.00
74	T	1,2,3-Trichloropropane	10.000	8.956	10.4	116	0.00
75	T	trans-1,4-Dichloro-2-butene	10.000	8.769	12.3	119	0.00
76	T	n-Propylbenzene	10.000	9.707	2.9	119	0.00
77	T	Bromobenzene	10.000	9.682	3.2	119	0.00
78	T	2-Chlorotoluene	10.000	9.262	7.4	116	0.00
79	T	1,3,5-Trimethylbenzene	10.000	9.698	3.0	120	0.00
80	T	4-Chlorotoluene	10.000	9.030	9.7	114	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J05\RJQ131.D
Acq On : 6 Oct 2006 1:28 am
Sample : IVO05J0501
Misc : 10.0ppb/20.0ppbKET-AA/50.0ppbTBA
MS Integration Params: 524TAIL.P

Vial: 14
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	tert-Butylbenzene	10.000	9.688	3.1	120	0.00
82	T	1,2,4-Trimethylbenzene	10.000	9.695	3.0	118	0.00
83	T	sec-Butylbenzene	10.000	9.684	3.2	119	0.00
84	T	p-Isopropyltoluene	10.000	9.821	1.8	119	0.00
85	T	1,3-Dichlorobenzene	10.000	9.487	5.1	118	0.00
86	T	1,4-Dichlorobenzene	10.000	9.368	6.3	118	0.00
87	T	n-Butylbenzene	10.000	9.734	2.7	119	0.00
88	T	1,2-Dichlorobenzene	10.000	9.231	7.7	118	0.00
89	T	1,2-Dibromo-3-chloropropane	10.000	9.071	9.3	122	0.00
90	T	1,2,4-Trichlorobenzene	10.000	9.938	0.6	124	0.00
91	T	Hexachlorobutadiene	10.000	9.406	5.9	120	0.00
92	T	Naphthalene	10.000	8.562	14.4	123	0.00
93	T	1,2,3-Trichlorobenzene	10.000	9.963	0.4	127	0.00

ev 10/13/06

2020

DAILY CALIBRATION

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

.ab Name: EMAX Inc
.a de: EMXT Case No.:
.a e ID: RJQ219
nstrument ID: T-005
C Column:RTX502.2ID:0.32mm (mm)

Contract: LMC BEAUMONT SITE 2
SAS No.: SDG No.: 06J067
BFB Injection Date : 10/11/06
BFB Injection Time : 03:00
Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.64
75	30.0 - 60.0% of mass 95	50.77
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.36
173	Less than 2.0% of mass 174	0.44(0.7)1
174	Greater than 50% of mass 95	68.14
175	5.0 - 9.0% of mass 174	4.96(7.3)1
176	95.0 - 101.0% of mass 174	67.79(99.5)1
177	5.0 - 9.0% of mass 176	4.97(7.3)2

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

'HIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD,BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
1	VSTD010	CV005J0507	RJQ220	10/11/06	03:37
2	MBLK1W	V005J21Q	RJQ225	10/11/06	06:41
3	LCS1W	V005J21L	RJQ222	10/11/06	04:51
4	LCD1W	V005J21C	RJQ223	10/11/06	05:28
5	LTB-100506	J067-01	RJQ226	10/11/06	07:18
6	-100506-B	J067-02	RJQ227	10/11/06	07:55
7	-100506GP	J067-06	RJQ228	10/11/06	08:32
8	-MW2-3	J067-07	RJQ229	10/11/06	09:08
9	TT-MW2-11	J067-03	RJQ230	10/11/06	09:47
10	TT-MW2-B	J067-04	RJQ231	10/11/06	10:24
11	TT-MW2-12	J067-05	RJQ232	10/11/06	11:01
12	TT-MW2-3MS	J067-07M	RJQ233	10/11/06	11:38
13	TT-MW2-3MSD	J067-07S	RJQ234	10/11/06	12:16

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

ab Name: EMAX Inc
ab Code: EMXT
ab File ID: RJQ124
nstrument ID: T-005
C Column: RTX502.2 ID: 0.32mm (mm)

Project: LMC BEAUMONT SITE 2
SDG No.: 06J067
Date Analyzed: 10/05/06
Time Analyzed: 21:09
Heated Purge: (Y/N) N

		IS1(DBF)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1826396	8.53	1455500	14.43	511292	20.71
	UPPER LIMIT	3652792	9.03	2911000	14.93	1022584	21.21
	LOWER LIMIT	913198	8.03	727750	13.93	255646	20.21
	SAMPLE ID						
1	VSTD010	1613047	8.52	1305993	14.43	481468	20.71
2	MBLK1W	1841057	8.52	1431528	14.43	477409	20.71
3	LCS1W	1795378	8.52	1434088	14.43	505424	20.72
4	LCD1W	1860511	8.52	1502531	14.43	523081	20.71
5	LTB-100506	1934154	8.52	1487410	14.43	502577	20.72
6	LEB-100506-B	1861397	8.52	1464976	14.43	486222	20.71
7	LEB-100506GP	1802226	8.51	1419874	14.43	463438	20.72
8	TT-MW2-3	1790551	8.52	1392952	14.42	458165	20.71
9	TT-MW2-11	1707112	8.52	1318164	14.43	422233	20.71
0	TT-MW2-B	1757367	8.52	1366507	14.42	441732	20.71
1	TT-MW2-12	1803392	8.52	1401912	14.43	473670	20.71
2	TT-MW2-3MS	1733091	8.52	1402762	14.43	509655	20.72
3	TT-MW2-3MSD	1719608	8.52	1386615	14.43	497247	20.71

S1 (DFB) = 1,4-Difluorobenzene
S2 (CBZ) = Chlorobenzene-d5
S3 (DCB) = 1,2-Dichlorobenzene-d4

\REA UPPER LIMIT = + 100% of internal standard area
\REA LOWER LIMIT = - 50% of internal standard area
\REA UPPER LIMIT = + 50% of surrogate area
\REA LOWER LIMIT = - 50% of surrogate area

Column used to flag internal standard area values with an asterisk
' Values outside of QC limits.

FORM VIII VOA-8260 1/2000

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J10\RJQ220.D
Acq On : 11 Oct 2006 3:37 am
Sample : CV005J0507
Misc : 10.0ppb 8260/20.0ppb KET/50.0ppb TBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	88	0.00
2	T	Dichlorodifluoromethane	10.000	11.348	-13.5	90	0.00
3	P,T	Chloromethane	10.000	9.515	4.8	78	0.00
4	C,T	Vinyl chloride	10.000	11.155	-11.5	89	0.00
5	T	Bromomethane	10.000	10.775	-7.8	98	0.00
6	T	Chloroethane	10.000	10.699	-7.0	92	0.00
7	T	Dichlorofluoromethane	10.000	9.621	3.8	86	0.00
8	T	Trichlorofluoromethane	10.000	11.424	-14.2	90	0.00
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	97	0.00
10	T	Acrolein	10 ~~10~~.000	17.918	10.4 ~~-79.2~~#	153	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.740	2.6	86	0.00
12	T	Acetone	10 ~~10~~.000	19.625	1.9 ~~-96.3~~#	155	0.00
13	C,TM	1,1-Dichloroethene	10.000	9.404	6.0	82	0.00
14	T	tert-Butyl alcohol	50.000	51.991	-4.0	96	0.00
	T	Acetonitrile	-1.000	0.000	0.0	109	-0.03
16	T	Iodomethane	10.000	13.788	-37.9#	130	0.00
17	T	Methyl acetate	10.000	1.756	82.4#	16	0.00
18	T	Methylene chloride	10.000	10.342	-3.4	92	0.00
19	T	Carbon disulfide	10.000	8.039	19.6	71	0.00
20	T	Acrylonitrile	20 ~~20~~.000	31.772	-5.9 ~~-58.9~~#	138	0.00
21	T	tert-Butyl methyl ether (MT	10.000	10.897	-9.0	104	-0.01
22	T	trans-1,2-Dichloroethene	10.000	9.936	0.6	89	0.00
23	T	Isopropyl ether (DIPE)	10.000	10.913	-9.1	98	0.00
24	P,T	1,1-Dichloroethane	10.000	10.393	-3.9	92	0.00
25	T	Vinyl acetate	10.000	7.892	21.1#	73	0.00
26	T	tert-Butyl ethyl ether (ETB	10.000	13.161	-31.6#	108	0.00
27	T	2-Butanone	20 ~~10~~.000	21.140	-5.7 ~~-111.4~~#	201	0.00
28	T	2,2-Dichloropropane	10.000	8.900	11.0	87	0.00
29	T	cis-1,2-Dichloroethene	10.000	10.905	-9.0	95	-0.01
30	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	111	0.00
31	C,T	Chloroform	10.000	10.929	-9.3	97	0.00
32	T	Bromochloromethane	10.000	10.770	-7.7	96	0.00
33	T	Tetrahydrofuran	-1.000	0.000	0.0	87	0.00
34	T	1,1,1-Trichloroethane	10.000	10.627	-6.3	97	0.00
35	T	Cyclohexane	10.000	0.086	99.1#	1	0.04
36	T	tert-Amyl methyl ether (TAM	10.000	13.428	-34.3#	114	0.00
37	S	1,2-Dichloroethane-d4	10.000	11.177	-11.8	93	0.00
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	90	0.00
	T	1,1-Dichloropropene	10.000	10.560	-5.6	95	0.00
	T	Carbon tetrachloride	10.000	10.709	-7.1	96	0.00

DN 10/12/06

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J10\RJQ220.D Vial: 3
Acq On : 11 Oct 2006 3:37 am Operator: DN
Sample : CVO05J0507 Inst : TO05
Misc : 10.0ppb 8260/20.0ppb KET/50.0ppb TBA Multiplr: 1.00
MS Integration Params: 524TAIL.P

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	10.000	11.238	-12.4	100	0.00
42	M,T	Benzene	10.000	10.709	-7.1	97	0.00
43	M,T	Trichloroethene	10.000	10.827	-8.3	97	0.00
44	T	Methylcyclohexane	10.000	0.020	99.8#	0	-0.02
45	C,T	1,2-Dichloropropane	10.000	11.029	-10.3	101	0.00
46	T	Bromodichloromethane	10.000	11.278	-12.8	100	0.00
47	T	Dibromomethane	10.000	13.000	-30.0#	115	0.00
48	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	41	0.00
49	T	4-Methyl-2-pentanone	20 ~~10~~.000	23.251	- 16.3 ~~-132.5#~~	197	0.00
50	T	cis-1,3-Dichloropropene	10.000	11.353	-13.5	98	0.00
51	S	Toluene-d8	10.000	10.282	-2.8	87	0.00
52	C,TM	Toluene	10.000	10.841	-8.4	97	0.00
53	T	Ethyl methacrylate	10.000	10.748	-7.5	107	0.00
54	T	trans-1,3-Dichloropropene	10.000	11.737	-17.4	100	0.00
55	T	1,1,2-Trichloroethane	10.000	11.660	-16.6	108	0.00
56	T	2-Hexanone	20 ~~10~~.000	21.599	- 8.0 ~~-116.0#~~	196	0.00
57	T	1,3-Dichloropropane	10.000	11.529	-15.3	103	0.00
58	T	Tetrachloroethene	10.000	10.929	-9.3	97	0.00
59	T	Dibromochloromethane	10.000	11.974	-19.7	105	0.00
60	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	98	0.00
61	T	1,2-Dibromoethane	10.000	14.330	-43.3#	122	0.00
62	T	1-Chlorohexane	10.000	11.142	-11.4	98	0.00
63	P,M	Chlorobenzene	10.000	10.828	-8.3	98	0.00
64	T	1,1,1,2-Tetrachloroethane	10.000	11.205	-12.1	98	0.00
65	C,T	Ethylbenzene	10.000	10.908	-9.1	97	0.00
66	T	m-Xylene & p-Xylene	20.000	22.075	-10.4	96	0.00
67	T	o-Xylene	10.000	11.250	-12.5	97	0.00
68	T	Styrene	10.000	11.610	-16.1	99	0.00
69	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	94	0.00
70	P,T	Bromoform	10.000	10.361	-3.6	110	0.00
71	T	Isopropylbenzene	10.000	10.431	-4.3	98	0.00
72	P,T	1,1,2,2-Tetrachloroethane	10.000	10.877	-8.8	103	0.00
73	S	4-Bromofluorobenzene	10.000	10.091	-0.9	90	0.00
74	T	1,2,3-Trichloropropane	10.000	10.616	-6.2	105	0.00
75	T	trans-1,4-Dichloro-2-butene	10.000	9.864	1.4	103	0.00
76	T	n-Propylbenzene	10.000	10.285	-2.9	96	0.00
77	T	Bromobenzene	10.000	10.518	-5.2	99	0.00
78	T	2-Chlorotoluene	10.000	10.167	-1.7	97	0.00
79	T	1,3,5-Trimethylbenzene	10.000	10.513	-5.1	99	0.00
80	T	4-Chlorotoluene	10.000	10.352	-3.5	100	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J10\RJQ220.D
Acq On : 11 Oct 2006 3:37 am
Sample : CV005J0507
Misc : 10.0ppb 8260/20.0ppb KET/50.0ppb TBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	tert-Butylbenzene	10.000	10.564	-5.6	99	0.00
82	T	1,2,4-Trimethylbenzene	10.000	10.589	-5.9	98	0.00
83	T	sec-Butylbenzene	10.000	10.535	-5.4	98	0.00
84	T	p-Isopropyltoluene	10.000	10.675	-6.8	99	0.00
85	T	1,3-Dichlorobenzene	10.000	10.783	-7.8	102	0.00
86	T	1,4-Dichlorobenzene	10.000	10.729	-7.3	102	0.00
87	T	n-Butylbenzene	10.000	10.597	-6.0	99	0.00
88	T	1,2-Dichlorobenzene	10.000	10.631	-6.3	103	0.00
89	T	1,2-Dibromo-3-chloropropane	10.000	10.089	-0.9	103	0.00
90	T	1,2,4-Trichlorobenzene	10.000	10.961	-9.6	104	0.00
91	T	Hexachlorobutadiene	10.000	10.378	-3.8	101	0.00
92	T	Naphthalene	10.000	9.367	6.3	103	0.00
93	T	1,2,3-Trichlorobenzene	10.000	11.297	-13.0	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J10\RJQ220.D Vial: 3
Acq On : 11 Oct 2006 3:37 am Operator: DN
Sample : CV005J0507 Inst : TO05
Misc : 10.0ppb 8260/20.0ppb KET/50.0ppb TBA Multiplr: 1.00
MS Integration Params: 524TAIL.P

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	88	0.00
2	T	Dichlorodifluoromethane	0.540	0.613	-13.5	90	0.00
3	P,T	Chloromethane	0.619	0.589	4.8	78	0.00
4	C,T	Vinyl chloride	0.515	0.575	-11.7	89	0.00
5	T	Bromomethane	0.371	0.399	-7.5	98	0.00
6	T	Chloroethane	0.331	0.354	-6.9	92	0.00
7	T	Dichlorofluoromethane	0.959	0.923	3.8	86	0.00
8	T	Trichlorofluoromethane	0.648	0.740	-14.2	90	0.00
9	T	sec-Propyl alcohol	0.000	0.000	0.0	97	0.00
10	T	Acrolein	0.022	~~0.039~~ .0193	~~-77.3#~~ 12.3	153	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	0.271	0.264	2.6	86	0.00
12	T	Acetone	0.054	~~0.106~~ .053	~~-96.3#~~ 1.9	155	0.00
13	C,TM	1,1-Dichloroethene	0.602	0.567	5.8	82	0.00
14	T	tert-Butyl alcohol	0.018	0.018	0.0	96	0.00
15	T	Acetonitrile	0.000	0.000	0.0	109	-0.03
16	T	Iodomethane	0.221	0.383	-73.3#	130	0.00
17	T	Methyl acetate	0.115	0.020	82.6#	16#	0.00
18	T	Methylene chloride	0.528	0.480	9.1	92	0.00
19	T	Carbon disulfide	1.266	1.017	19.7	71	0.00
20	T	Acrylonitrile	0.048	~~0.076~~ .061	~~-58.3#~~ -6.3	138	0.00
21	T	tert-Butyl methyl ether (MT	0.395	0.430	-8.9	104	-0.01
22	T	trans-1,2-Dichloroethene	0.607	0.603	0.7	89	0.00
23	T	Isopropyl ether (DIPE)	1.084	1.183	-9.1	98	0.00
24	P,T	1,1-Dichloroethane	0.727	0.756	-4.0	92	0.00
25	T	Vinyl acetate	0.401	0.316	21.2#	73	0.00
26	T	tert-Butyl ethyl ether (ETB	0.553	0.727	-31.5#	108	0.00
27	T	2-Butanone	0.059	~~0.124~~ .062	~~-110.2#~~	201#	0.00
28	T	2,2-Dichloropropane	0.388	0.345	11.1 -5.1	87	0.00
29	T	cis-1,2-Dichloroethene	0.589	0.642	-9.0	95	-0.01
30	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	111	0.00
31	C,T	Chloroform	0.643	0.702	-9.2	97	0.00
32	T	Bromochloromethane	0.257	0.277	-7.8	96	0.00
33	T	Tetrahydrofuran	0.000	0.000	0.0	87	0.00
34	T	1,1,1-Trichloroethane	0.509	0.541	-6.3	97	0.00
35	T	Cyclohexane	0.668	0.006	99.1#	1#	0.04
36	T	tert-Amyl methyl ether (TAM	0.383	0.514	-34.2#	114	0.00
37	S	1,2-Dichloroethane-d4	0.286	0.320	-11.9	93	0.00
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	90	0.00
39	T	1,1-Dichloropropene	0.209	0.221	-5.7	95	0.00
40	T	Carbon tetrachloride	0.532	0.570	-7.1	96	0.00

DN 10.12.07

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J10\RJQ220.D Vial: 3
Acq On : 11 Oct 2006 3:37 am Operator: DN
Sample : CVO05J0507 Inst : TO05
Misc : 10.0ppb 8260/20.0ppb KET/50.0ppb TBA Multiplr: 1.00
MS Integration Params: 524TAIL.P

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41	T	1,2-Dichloroethane	0.452	0.508	-12.4	100	0.00
42	M,T	Benzene	1.593	1.706	-7.1	97	0.00
43	M,T	Trichloroethene	0.450	0.488	-8.4	97	0.00
44	T	Methylcyclohexane	0.730	0.001	99.9#	0#	-0.02
45	C,T	1,2-Dichloropropane	0.401	0.442	-10.2	101	0.00
46	T	Bromodichloromethane	0.477	0.538	-12.8	100	0.00
47	T	Dibromomethane	0.160	0.209	-30.6#	115	0.00
48	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	41#	0.00
49	T	4-Methyl-2-pentanone	0.152	~~0.354~~ .177	~~-132.~~ 9#	197	0.00
50	T	cis-1,3-Dichloropropene	0.445	0.505	-13.5	98	0.00
51	S	Toluene-d8	1.316	1.353	-2.8	87	0.00
52	C,TM	Toluene	0.956	1.036	-8.4	97	0.00
53	T	Ethyl methacrylate	0.247	0.293	-18.6	107	0.00
54	T	trans-1,3-Dichloropropene	0.320	0.376	-17.5	100	0.00
	T	1,1,2-Trichloroethane	0.197	0.229	-16.2	108	0.00
	T	2-Hexanone	0.101	~~0.21~~ 8.109	~~-115.~~ 8#	196	0.00
57	T	1,3-Dichloropropane	0.381	0.440	-15.5 -7.9	103	0.00
58	T	Tetrachloroethene	0.323	0.353	-9.3	97	0.00
59	T	Dibromochloromethane	0.240	0.288	-20.0	105	0.00
60	T	2-Ethyl-1-butanol	0.000	0.000	0.0	98	0.00
61	T	1,2-Dibromoethane	0.131	0.188	-43.5#	122	0.00
62	T	1-Chlorohexane	0.618	0.689	-11.5	98	0.00
63	P,M	Chlorobenzene	0.961	1.040	-8.2	98	0.00
64	T	1,1,1,2-Tetrachloroethane	0.310	0.348	-12.3	98	0.00
65	C,T	Ethylbenzene	1.875	2.045	-9.1	97	0.00
66	T	m-Xylene & p-Xylene	1.423	1.571	-10.4	96	0.00
67	T	o-Xylene	1.375	1.547	-12.5	97	0.00
68	T	Styrene	0.929	1.079	-16.1	99	0.00
69	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	94	0.00
70	P,T	Bromoform	0.277	0.337	-21.7#	110	0.00
71	T	Isopropylbenzene	5.114	5.335	-4.3	98	0.00
72	P,T	1,1,2,2-Tetrachloroethane	0.629	0.684	-8.7	103	0.00
73	S	4-Bromofluorobenzene	1.237	1.249	-1.0	90	0.00
74	T	1,2,3-Trichloropropane	0.122	0.140	-14.8	105	0.00
75	T	trans-1,4-Dichloro-2-butene	0.164	0.167	-1.8	103	0.00
76	T	n-Propylbenzene	6.714	6.906	-2.9	96	0.00
77	T	Bromobenzene	0.954	1.003	-5.1	99	0.00
78	T	2-Chlorotoluene	4.055	4.123	-1.7	97	0.00
7[illegible]	T	1,3,5-Trimethylbenzene	3.988	4.193	-5.1	99	0.00
	T	4-Chlorotoluene	3.642	3.771	-3.5	100	0.00

DJW 10.12.06

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J10\RJQ220.D
Acq On : 11 Oct 2006 3:37 am
Sample : CVO05J0507
Misc : 10.0ppb 8260/20.0ppb KET/50.0ppb TBA
MS Integration Params: 524TAIL.P

Vial: 3
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05J05.M (RTE Integrator)
Title : METHOD 8260
Last Update : Wed Oct 11 14:37:51 2006
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	tert-Butylbenzene	3.897	4.117	-5.6	99	0.00
82	T	1,2,4-Trimethylbenzene	3.830	4.056	-5.9	98	0.00
83	T	sec-Butylbenzene	5.602	5.902	-5.4	98	0.00
84	T	p-Isopropyltoluene	4.242	4.528	-6.7	99	0.00
85	T	1,3-Dichlorobenzene	1.967	2.121	-7.8	102	0.00
86	T	1,4-Dichlorobenzene	1.874	2.010	-7.3	102	0.00
87	T	n-Butylbenzene	4.373	4.634	-6.0	99	0.00
88	T	1,2-Dichlorobenzene	1.614	1.716	-6.3	103	0.00
89	T	1,2-Dibromo-3-chloropropane	0.066	0.073	-10.6	103	0.00
90	T	1,2,4-Trichlorobenzene	0.915	1.003	-9.6	104	0.00
91	T	Hexachlorobutadiene	0.767	0.796	-3.8	101	0.00
92	T	Naphthalene	1.124	1.195	-6.3	103	0.00
93	T	1,2,3-Trichlorobenzene	0.735	0.831	-13.1	110	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOGS

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 2 ☐ EMAX-524.2 Rev.No. 3 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 10.11.08 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -033

BATCH CV0 05 J3 C 07

	Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01		RJQ 218	BFB05J20	2µl				
02		219	21					3:00 am
03		220	CV005J0507	1/2/5µl				
04		221	08					
05		222	V005J21L	1/10/5µl				
06		223	C					
07		224	B	25ml				
08		225	Q					
09		226	06J087-01	25ml	1	<2		
10		227	-02					
11		228	-06					
12		229	-07					
13		230	-03					
14		231	-04					
15		232	-05			7		
16		233	-07M			<2		
17		234	-07S					12:16pm
18								
19								
20								
21								
22								
23								DN 10.11.08
24								
25								

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	10/5/08
ICAL ID	V005J05

STANDARDS		
NAME	ID	CONC. (mg/L)
DCC	SMC. 11.38.3	
DCC	.39.1	
DCC	.33.3	
BFB	.21.1	50/20/100
IS/SURR.	.32.2	
LCS	.27.1	
LCS	.28.2	
LCS	SMA .11.73 134.2	

SOLVENT	ID
METHANOL	
DATA FILE	06 J70

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T005	

Comments:

Analyzed By: DN

Date Disposed: 10/11/08

Disposed By: DN

MAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 2 ☐ EMAX-524.2 Rev.No. 3 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 10.5.06 ☐ 5-ml Purge ☑ 25-ml Purge **Book # A05 -033**

BATCH V005J05 6

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RJQ 117	BFB 05 J11 x	2µl	NA	NA		4:52 pm
02	118	12					
03	119	V005J05.1	.03/.06 .15µl				8260, Gas/Ket, Acrolein/TBA/Acrylo .3 / 1.6 / 1.5 / 1.9 ppb
04	120	2	.05/.1 .25µl				.5 / 1 / 2.5 / 1.5
05	121	3	.1/.2/.5µl				1 / 2 / 5 / 3
06	122	4	.2/.4/1.0µl				2 / 4 / 10 / 6
07	123	5	.5/1/2.5µl				5 / 10 / 25 / 15
08	124	6	1/2/5µl				10 / 20 / 50 / 20
09	125	7	2/4/10µl				20 / 40 / 100 / 60
10	126	8	3/6/15µl				30 / 60 / 150 / 90
11	127	9	4/8/20µl				40 / 80 / 200 / 120
12	128	10	5/10/25µl				50 / 100 / 250 / 150
13	129	IS/SS	10ml				
14	130	V005J12B					
15	131	IV005J05 01	1/10/5µl				10 / 20 / 50 / 30 ppb
16	132	02					
17	133	03	5µl				10ppb For 3 add. ends
18	134	04					3:19 am
19							
20							
21							
22							
23							DN 10.5.06
24							
25							

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	10/5/06
ICAL ID	V005J05

STANDARDS		
NAME	ID	CONC. (mg/L)
DCC 8260	SVIC.11.38.3	50/250
DCC Ket-AA Gas	.39.1 .33.3	250 250
DCC 3 add	.31.3	250
BFB	.21.1	50
IS/SURR IS SS	.29.2 .30.2	250 250
LCS 8260 Ket-AA	.27.1 .28.2	50/250 50
LCS Gas add	.34.2 .12.3	250 50
LCS CH2Cl2,F	SVIA.11.73	100
SOLVENT	ID	
METHANOL		
DATA FILE	06J05	

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T005	

Comments:

Analyzed By: DN

Date Disposed: 10/6/06

Disposed By: DN

MAXI LABORATORIES, INC. 1535 W. 205th St. Torrance, CA 90501

LABORATORY REPORT FOR

TETRA TECH, INC.

LMC BEAUMONT SITE 2

METHOD 5030B/8260B
1,2,3-TRICHLOROPROPANE BY GC/MS SIM

SDG#: 06J067

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J067

METHOD 5030B/8260B
1,2,3-TRICHLOROPROPANE BY GC/MS SIM

Three (3) water samples were received on 10/06/06 for 1,2,3-Trichloropropane SIM analysis by Method 5030B/8260B in accordance with USEPA SW846, 3RD edition.

1. **Holding Time**

   Analytical holding time was met.

2. **Tuning and Calibration**

   Tuning and calibration were carried out at 12-hour interval. All QC requirements were met.

3. **Method Blank**

   Method blank was free of contamination at the reporting limit.

4. **Surrogate Recovery**

   Recoveries were within QC limits.

5. **Lab Control Sample/Lab Control Sample Duplicate**

   All recoveries were within QC limits.

6. **Matrix Spike/Matrix Spike Duplicate**

   No MS/MSD sample was designated in this SDG.

7. **Sample Analysis**

   Samples were analyzed according to the prescribed QC procedures. All requirements were met.

LAB CHRONIC

1,2,3-Trichloropropane by GC/MS SIM

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2

SDG NO. : 06J067
Instrument ID : T-006

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	V006J15B	1	NA	10/18/0617:21	10/18/0617:21	RJW221	RJW210	V006J15	Method Blank
LCS1W	V006J15L	1	NA	10/18/0616:29	10/18/0616:29	RJW219	RJW210	V006J15	Lab Control Sample (LCS)
LCD1W	V006J15C	1	NA	10/18/0616:54	10/18/0616:54	RJW220	RJW210	V006J15	LCS Duplicate
LEB-100506-B	J067-02	1	NA	10/18/0617:50	10/18/0617:50	RJW222	RJW210	V006J15	Field Sample
TT-MW2-11	J067-03	1	NA	10/18/0618:14	10/18/0618:14	RJW223	RJW210	V006J15	Field Sample
TT-MW2-12	J067-05	1	NA	10/18/0618:43	10/18/0618:43	RJW224	RJW210	V006J15	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
1,2,3-Trichloropropane by GC/MS SIM

:lient	: TETRA TECH, INC.	Date Collected:	10/05/06
'r t	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
;a No.	: 06J067	Date Extracted:	10/18/06 17:50
;ample ID:	LEB-100506-B	Date Analyzed:	10/18/06 17:50
.ab Samp ID:	J067-02	Dilution Factor:	1
.ab File ID:	RJW222	Matrix	: WATER
:xt Btch ID:	V006J15	% Moisture	: NA
:alib. Ref.:	RJW210	Instrument ID	: T-006

'ARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
,2,3-TRICHLOROPROPANE	ND	0.0050	0.0025

:URROGATE PARAMETERS	% RECOVERY	QC LIMIT
'OLUENE-D8	94	50-150

:L: Reporting Limit

METHOD 5030B/8260B
1,2,3-Trichloropropane by GC/MS SIM

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/18/06 18:14
Sample ID	: TT-MW2-11	Date Analyzed:	10/18/06 18:14
Lab Samp ID	: J067-03	Dilution Factor:	1
Lab File ID	: RJW223	Matrix	: WATER
Ext Btch ID	: V006J15	% Moisture	: NA
Calib. Ref.	: RJW210	Instrument ID	: T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,2,3-TRICHLOROPROPANE	ND	0.0050	0.0025

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TOLUENE-D8	146	50-150

RL: Reporting Limit

METHOD 5030B/8260B
1,2,3-Trichloropropane by GC/MS SIM

lient	: TETRA TECH, INC.	Date Collected:	10/05/06
n :	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
a No.	: 06J067	Date Extracted:	10/18/06 18:43
ample ID:	TT-MW2-12	Date Analyzed:	10/18/06 18:43
ab Samp ID:	J067-05	Dilution Factor:	1
ab File ID:	RJW224	Matrix :	WATER
xt Btch ID:	VOO6J15	% Moisture :	NA
alib. Ref.:	RJW210	Instrument ID :	T-006

ARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
,2,3-TRICHLOROPROPANE	ND	0.0050	0.0025

URROGATE PARAMETERS	% RECOVERY	QC LIMIT
OLUENE-D8	75	50-150

L: Reporting Limit

QC SUMMARIES

METHOD 5030B/8260B
1,2,3-Trichloropropane by GC/MS SIM

Client	: TETRA TECH, INC.	Date Collected:	NA
Project	: LMC BEAUMONT SITE 2	Date Received:	10/18/06
Lab No.	: 06J067	Date Extracted:	10/18/06 17:21
Sample ID:	MBLK1W	Date Analyzed:	10/18/06 17:21
Lab Samp ID:	V006J15B	Dilution Factor:	1
Lab File ID:	RJW221	Matrix :	WATER
Ext Btch ID:	V006J15	% Moisture :	NA
Calib. Ref.:	RJW210	Instrument ID :	T-006

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,2,3-TRICHLOROPROPANE	ND	0.0050	0.0025

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
TOLUENE-D8	99	50-150

RL: Reporting Limit

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 5030B/8260B SIM

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V006J15B	V006J15L	V006J15C		
LAB FILE ID:	RJW221	RJW219	RJW220		
DATE EXTRACTED:	10/18/0617:21	10/18/0616:29	10/18/0616:54	DATE COLLECTED:	NA
DATE ANALYZED:	10/18/0617:21	10/18/0616:29	10/18/0616:54	DATE RECEIVED:	10/18/06
PREP. BATCH:	V006J15	V006J15	V006J15		
CALIB. REF:	RJW210	RJW210	RJW210		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,2,3-Trichloropropane	ND	0.0500	0.0460	92	0.0500	0.0447	89	3	50-150	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
Toluene-d8	0.0500	0.0465	93	0.0500	0.0564	113	50-150

INITIAL CALIBRATION

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

.ab Name: EMAX Inc
.ab Code: EMXT Case No.:
.ab File ID: RJW204
:nstrument ID: T-006
;C Column:RTX502.2ID:0.32mm (mm)

Contract: LMC BEAUMONT SITE 2
SAS No.: SDG No.: 06J067
BFB Injection Date : 10/18/06
BFB Injection Time : 09:23
Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.55
75	30.0 - 60.0% of mass 95	46.44
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.12
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	78.80
175	5.0 - 9.0% of mass 174	5.43(6.9)1
176	95.0 - 101.0% of mass 174	77.00(97.7)1
177	5.0 - 9.0% of mass 176	4.57(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
1	VSTD05	V006J182	RJW207	10/18/06	11:15
2	VSTD010	V006J183	RJW208	10/18/06	11:42
3	VSTD020	V006J184	RJW209	10/18/06	12:11
4	VSTD050	V006J185	RJW210	10/18/06	12:36
5	VSTD100	V006J187	RJW212	10/18/06	13:29
6	VSTD200	V006J188	RJW213	10/18/06	13:54
7	VSTD080	V006J1810	RJW216	10/18/06	15:12
8	VSTD050	IV006J181	RJW217	10/18/06	15:37

FORM V VOA OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T006
Beginning DateTime :10/18/06 13:29
Spike Units :PPB
File :RJW210

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :10/18/06 13:54
HPChem Method :V006J18

M	IDX	Parameters	5 11:15 RJW207	10 11:42 RJW208	20 12:11 RJW209	50 12:36 RJW210	80 15:12 RJW216	100 13:29 RJW212	200 13:54 RJW213	Av_RRF	%_RSD	Av_Rt_M
	1	1,2,3-TRICHLOROPROPANE-D5	1	1	1	1	1	1	1	1	0	15.1854
	2	Toluene-d8	------	------	1.713	1.256	1.295	1.153	1.227	1.329	16.62	11.0858
	3	1,2,3-Trichloropropane	0.974	0.855	0.849	0.728	0.807	0.807	0.797	0.831	9.12	15.3236

Ave_%RSD : 12.9 Max_%RSD : 16.6

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
Resp_Ratio = xo + x1 * Amt_Ratio

IDX	Parameter	x0	x1	CCF
2	Toluene-d8	0.19366	1.13997	0.9969

RW 10-21-06

2051

SECOND SOURCE VERIFICATION

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J18\RJW217.D
Acq On : 18 Oct 2006 3:37 pm
Sample : IV006J181 50PPB
Misc : 50PPB
MS Integration Params: 524TAIL.P

Vial: 13
Operator: CR
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06J18.M (RTE Integrator)
Title : METHOD 524
Last Update : Wed Oct 18 18:27:09 2006
Response via : Multiple Level Calibration

Min. RRF : 0.005 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,2,3-TRICHLOROPROPANE-D5	50.000	50.000	0.0	83	0.00
2	S	Toluene-d8	50.000	52.752	-5.5	92	0.00
3	T	1,2,3-Trichloropropane	50.000	46.284	7.4	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0 RW 10-31-06

2053

DAILY CALIBRATION

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc
Lab Code: EMXT Case No.:
Lab File ID: RJW204
Instrument ID: T-006
GC Column:RTX502.2ID:0.32mm (mm)

Contract: LMC BEAUMONT SITE 2
SAS No.: SDG No.: 06J067
BFB Injection Date : 10/18/06
BFB Injection Time : 09:23
Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.55
75	30.0 - 60.0% of mass 95	46.44
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.12
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	78.80
175	5.0 - 9.0% of mass 174	5.43(6.9)1
176	95.0 - 101.0% of mass 174	77.00(97.7)1
177	5.0 - 9.0% of mass 176	4.57(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
1	VSTD050	CV006J1801	RJW218	10/18/06	16:02
2	MBLK1W	V006J15B	RJW221	10/18/06	17:21
3	LCS1W	V006J15L	RJW219	10/18/06	16:29
4	LCD1W	V006J15C	RJW220	10/18/06	16:54
5	[illegible]B-100506-B	J067-02	RJW222	10/18/06	17:50
6	[illegible]MW2-11	J067-03	RJW223	10/18/06	18:14
7	[illegible]-MW2-12	J067-05	RJW224	10/18/06	18:43

FORM V VOA OLM02.0

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RJW210
Instrument ID: T-006

Project: LMC BEAUMONT SITE 2
SDG No.: 06J067
Date Analyzed: 10/18/06
Time Analyzed: 12:36

		IS1(TCP) AREA #	RT #
	12 HOUR STD	160355	15.19
	UPPER LIMIT	320710	15.69
	LOWER LIMIT	80178	14.69
	SAMPLE ID		
1	VSTD050	133766	15.19
2	MBLK1W	144427	15.19
3	LCS1W	161284	15.19
4	LCD1W	128962	15.19
5	LEB-100506-B	157532	15.19
6	TT-MW2-11	107062	15.19
7	TT-MW2-12	186081	15.19

IS1 (DD8) = 1,2,3-Trichloropropane-d5

AREA UPPER LIMIT = +100% of internal satndard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII VOSIM OLM02.0

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J18\RJW218.D
Acq On : 18 Oct 2006 4:02 pm
Sample : CV006J1801 50PPB
Misc : 50PPB
MS Integration Params: 524TAIL.P

Vial: 15
Operator: CR
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06J18.M (RTE Integrator)
Title : METHOD 524
Last Update : Wed Oct 18 18:27:09 2006
Response via : Multiple Level Calibration

Min. RRF : 0.005 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,2,3-TRICHLOROPROPANE-D5	50.000	50.000	0.0	83	0.00
2	S	Toluene-d8	50.000	56.122	-12.2	98	0.00
3	T	1,2,3-Trichloropropane	50.000	48.196	3.6	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

2057

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J18\RJW218.D
Acq On : 18 Oct 2006 4:02 pm
Sample : CV006J1801 50PPB
Misc : 50PPB
MS Integration Params: 524TAIL.P

Vial: 15
Operator: CR
Inst : TO06
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO06J18.M (RTE Integrator)
Title : METHOD 524
Last Update : Wed Oct 18 18:27:09 2006
Response via : Multiple Level Calibration

Min. RRF : 0.005 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,2,3-TRICHLOROPROPANE-D5	1.000	1.000	0.0	83	0.00
2	S	Toluene-d8	1.329	1.473	-10.8	98	0.00
3	T	1,2,3-Trichloropropane	0.831	0.801	3.6	92	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

ANALYTICAL LOG

ANALYSIS LOG FOR VOLATILES

SOP ☑ EMAX-8260 Rev.No. 2 ☐ EMAX-524.2 Rev.No. 3 ☐ EMAX-CLP-VOA ☐ EMAX 624 Rev.No. 1 ☐

Start Date: 10/18/02 ☐ 5-ml Purge ☐ 25-ml Purge

Book # A06 -024

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RJW2204	BFB06J15 ✓	2ul				9:33 AM
02	205	DCC CHECK	5ul				
03	206	V006J181 X	0.5ul				5 ppb 1,2,3 TCP NOT USED
04	207	2 ✓	0.5ul				5 ppb
05	208	3 ✓	1.0ul				10 ppb
06	209	4 ✓	2.0ul				20 ppb
07	210	5 ✓	5.0ul				50 ppb
08	211	6	8.0ul				80 ppb
09	212	7 ✓	10.0ul				100 ppb
10	213	8 ✓	20.0ul				200 ppb
11	214	ES/SS	25ml				
12	215	V006J189	1.0ul				10 ppb NOT USED
13	216	10 ✓	8.0ul				80 ppb
14	217	IV006J181 ✓	5.0ul				
15	218	CV006J1861 ✓	5.0ul				
16	219	V006J15L ✓	5.0ul				
17	220	C ✓	5.0ul				
18	221	B ✓	25ml				
19	222	06J067-02	25ml	1	<2.0		
20	223	-03		1			
21	224	-05		1			
22	225	-05R		1			
23	226	-05T	1.0ml	25			
24	227	V006J15 X	5.0ml				
25	228	Y	5.0ml				
	229	Z	25ml	1			8:26 PM

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	10/18/02
ICAL ID	V006J18 SIM

STANDARDS		
NAME	ID	CONC. (mg/L)
DCC		
DCC		
DCC	SVIC-11-15-2	250 ppb
BFB	SVIC-11-21-1	50 ppm
IS/SURR.	SVIC-11-14-3 SVIC-11-15-1	250 ppb
LCS	SVIC-11-15-3	250 ppb
LCS		
LCS		

SOLVENT	ID
METHANOL	
DATA FILE	06J18

Electronic Data Archival	
Location	Date
HPCHEM_VOA/TO06	

Comments:

Analyzed By: CH

Date Disposed: 10/19/02

Disposed By: CH

BATCH 06V0CS18/01

EMAX LABORATORIES, INC. 1835 W. 205th St., Torrance, CA 90501

en 10/19/02

LABORATORY REPORT FOR

TETRA TECH, INC.

LMC BEAUMONT SITE 2

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

SDG#: 06J067

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J067

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Three (3) water samples were received on 10/06/06 for Semi Volatile Organic analysis by Method 3520C/8270C in accordance with USEPA SW846, 3RD edition.

1. **Holding Time**

   Analytical holding time was met.

2. **Tuning and Calibration**

   Tuning and calibration were carried out at 12-hour interval. All QC requirements were met.

3. **Method Blank**

   Method blank was free of contamination at the reporting limit.

4. **Surrogate Recovery**

   Recoveries were within QC criteria.

5. **Lab Control Sample/Lab Control Sample Duplicate**

   Recoveries were within QC limit.

6. **Matrix Spike/Matrix Spike Duplicate**

   No MS/MSD sample was designated in this SDG.

7. **Sample Analysis**

   Samples were analyzed according to the prescribed QC procedures. All criteria were met.

LAB CHRONICLE
SEMI VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2

SDG NO. : 06J067
Instrument ID : T-042

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	SVJ015WB	1	NA	10/12/0618:30	10/09/0615:30	RJX056	RHX222	SVJ015W	Method Blank
LCS1W	SVJ015WL	1	NA	10/12/0618:55	10/09/0615:30	RJX057	RHX222	SVJ015W	Lab Control Sample (LCS)
LCD1W	SVJ015WC	1	NA	10/12/0619:20	10/09/0615:30	RJX058	RHX222	SVJ015W	LCS Duplicate
LEB-100506-B	J067-02	1.01	NA	10/12/0620:36	10/09/0615:30	RJX061	RHX222	SVJ015W	Field Sample
TT-MW2-11	J067-03	1.03	NA	10/12/0621:01	10/09/0615:30	RJX062	RHX222	SVJ015W	Field Sample
TT-MW2-12	J067-05	3.33	NA	10/12/0621:26	10/09/0615:30	RJX063	RHX222	SVJ015W	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/09/06 15:30
Sample ID:	LEB-100506-B	Date Analyzed:	10/12/06 20:36
Lab Sample ID:	J067-02	Dilution Factor:	1.01
Data File ID:	RJX061	Matrix	: WATER
Batch ID:	SVJ015W	% Moisture	: NA
Calib. Ref.:	RHX222	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,2,4-TRICHLOROBENZENE	ND	10	5.0
1,2-DICHLOROBENZENE	ND	10	5.0
1,3-DICHLOROBENZENE	ND	10	5.0
1,4-DICHLOROBENZENE	ND	10	5.0
2,4,5-TRICHLOROPHENOL	ND	10	5.0
2,4,6-TRICHLOROPHENOL	ND	10	5.0
2,4-DICHLOROPHENOL	ND	10	5.0
2,4-DIMETHYLPHENOL	ND	10	5.0
2,4-DINITROPHENOL	ND	20	5.0
2,4-DINITROTOLUENE	ND	10	5.0
2,6-DINITROTOLUENE	ND	10	5.0
2-CHLORONAPHTHALENE	ND	10	5.0
2-CHLOROPHENOL	ND	10	5.0
2-METHYLNAPHTHALENE	ND	10	5.0
2-METHYLPHENOL	ND	10	5.0
2-NITROANILINE	ND	10	5.0
2-NITROPHENOL	ND	10	5.0
3,3'-DICHLOROBENZIDINE	ND	10	5.0
3-NITROANILINE	ND	10	5.0
4,6-DINITRO-2-METHYLPHENOL	ND	20	5.0
4-BROMOPHENYL-PHENYL ETHER	ND	10	5.0
4-CHLORO-3-METHYLPHENOL	ND	10	5.0
4-CHLOROANILINE	ND	10	5.0
4-CHLOROPHENYL-PHENYL ETHER	ND	10	5.0
4-METHYLPHENOL (1)	ND	10	5.0
4-NITROANILINE	ND	10	5.0
4-NITROPHENOL	ND	20	5.0
ACENAPHTHENE	ND	10	5.0
ACENAPHTHYLENE	ND	10	5.0
ANTHRACENE	ND	10	5.0
BENZO(A)ANTHRACENE	ND	10	5.0
BENZO(A)PYRENE	ND	10	5.0
BENZO(B)FLUORANTHENE	ND	10	5.0
BENZO(K)FLUORANTHENE	ND	10	5.0
BENZO(G,H,I)PERYLENE	ND	10	5.0
BIS(2-CHLOROETHOXY)METHANE	ND	10	5.0
BIS(2-CHLOROETHYL)ETHER	ND	10	5.0
BIS(2-CHLOROISOPROPYL)ETHER	ND	10	5.0
[illegible]-ETHYLHEXYL)PHTHALATE	ND	10	5.0
[illegible]BENZYLPHTHALATE	ND	10	5.0
[illegible]SENE	ND	10	5.0
DI-N-BUTYLPHTHALATE	ND	10	5.0
DI-N-OCTYLPHTHALATE	ND	10	5.0
DIBENZO(A,H)ANTHRACENE	ND	10	5.0
DIBENZOFURAN	ND	10	5.0
DIETHYLPHTHALATE	ND	10	5.0
DIMETHYLPHTHALATE	ND	10	5.0
FLUORANTHENE	ND	10	5.0
FLUORENE	ND	10	5.0
HEXACHLOROBENZENE	ND	10	5.0
HEXACHLOROBUTADIENE	ND	10	5.0
HEXACHLOROCYCLOPENTADIENE	ND	10	5.0
HEXACHLOROETHANE	ND	10	5.0
INDENO(1,2,3-CD)PYRENE	ND	10	5.0
ISOPHORONE	ND	10	5.0
N-NITROSO-DI-N-PROPYLAMINE	ND	10	5.0
N-NITROSODIPHENYLAMINE (2)	ND	10	5.0
NAPHTHALENE	ND	10	5.0
NITROBENZENE	ND	10	5.0
PENTACHLOROPHENOL	ND	20	5.0
PHENANTHRENE	ND	10	5.0
PHENOL	ND	10	5.0
PYRENE	ND	10	5.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	61	30-150
2-FLUOROBIPHENYL	59	30-130
2-FLUOROPHENOL	52	20-130
NITROBENZENE-D5	60	30-130
PHENOL-D5	53	30-130
TERPHENYL-D14	108	30-130

(1): Cannot be separated from 3-Methylphenol
(2): Cannot be separated from Diphenylamine

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/09/06 15:30
Sample ID:	LEB-100506-B	Date Analyzed:	10/12/06 20:36
Lab Samp ID:	J067-02	Dilution Factor:	1.01
Lab File ID:	RJX061	Matrix :	WATER
Ext Btch ID:	SVJ015W	% Moisture :	NA
Calib. Ref.:	RHX222	Instrument ID :	T-042

Number of TIC : 2

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	10J	1.69	5
UNKNOWN	6J	2.33	9

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/09/06 15:30
Sample ID:	TT-MW2-11	Date Analyzed:	10/12/06 21:01
Lab Samp ID:	J067-03	Dilution Factor:	1.03
File ID:	RJX062	Matrix	: WATER
Ext. Btch ID:	SVJ015W	% Moisture	: NA
Calib. Ref.:	RHX222	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,2,4-TRICHLOROBENZENE	ND	10	5.1
1,2-DICHLOROBENZENE	ND	10	5.1
1,3-DICHLOROBENZENE	ND	10	5.1
1,4-DICHLOROBENZENE	ND	10	5.1
2,4,5-TRICHLOROPHENOL	ND	10	5.1
2,4,6-TRICHLOROPHENOL	ND	10	5.1
2,4-DICHLOROPHENOL	ND	10	5.1
2,4-DIMETHYLPHENOL	ND	10	5.1
2,4-DINITROPHENOL	ND	21	5.1
2,4-DINITROTOLUENE	ND	10	5.1
2,6-DINITROTOLUENE	ND	10	5.1
2-CHLORONAPHTHALENE	ND	10	5.1
2-CHLOROPHENOL	ND	10	5.1
2-METHYLNAPHTHALENE	ND	10	5.1
2-METHYLPHENOL	ND	10	5.1
2-NITROANILINE	ND	10	5.1
2-NITROPHENOL	ND	10	5.1
3,3'-DICHLOROBENZIDINE	ND	10	5.1
3-NITROANILINE	ND	10	5.1
4,6-DINITRO-2-METHYLPHENOL	ND	21	5.1
4-BROMOPHENYL-PHENYL ETHER	ND	10	5.1
4-CHLORO-3-METHYLPHENOL	ND	10	5.1
4-CHLOROANILINE	ND	10	5.1
4-CHLOROPHENYL-PHENYL ETHER	ND	10	5.1
4-METHYLPHENOL (1)	ND	10	5.1
4-NITROANILINE	ND	10	5.1
4-NITROPHENOL	ND	21	5.1
ACENAPHTHENE	ND	10	5.1
ACENAPHTHYLENE	ND	10	5.1
ANTHRACENE	ND	10	5.1
BENZO(A)ANTHRACENE	ND	10	5.1
BENZO(A)PYRENE	ND	10	5.1
BENZO(B)FLUORANTHENE	ND	10	5.1
BENZO(K)FLUORANTHENE	ND	10	5.1
BENZO(G,H,I)PERYLENE	ND	10	5.1
BIS(2-CHLOROETHOXY)METHANE	ND	10	5.1
BIS(2-CHLOROETHYL)ETHER	ND	10	5.1
BIS(2-CHLOROISOPROPYL)ETHER	ND	10	5.1
BIS(2-ETHYLHEXYL)PHTHALATE	ND	10	5.1
BUTYLBENZYLPHTHALATE	ND	10	5.1
CHRYSENE	ND	10	5.1
DI-N-BUTYLPHTHALATE	ND	10	5.1
DI-N-OCTYLPHTHALATE	ND	10	5.1
DIBENZO(A,H)ANTHRACENE	ND	10	5.1
DIBENZOFURAN	ND	10	5.1
DIETHYLPHTHALATE	ND	10	5.1
DIMETHYLPHTHALATE	ND	10	5.1
FLUORANTHENE	ND	10	5.1
FLUORENE	ND	10	5.1
HEXACHLOROBENZENE	ND	10	5.1
HEXACHLOROBUTADIENE	ND	10	5.1
HEXACHLOROCYCLOPENTADIENE	ND	10	5.1
HEXACHLOROETHANE	ND	10	5.1
INDENO(1,2,3-CD)PYRENE	ND	10	5.1
ISOPHORONE	ND	10	5.1
N-NITROSO-DI-N-PROPYLAMINE	ND	10	5.1
N-NITROSODIPHENYLAMINE (2)	ND	10	5.1
NAPHTHALENE	ND	10	5.1
NITROBENZENE	ND	10	5.1
PENTACHLOROPHENOL	ND	21	5.1
PHENANTHRENE	ND	10	5.1
PHENOL	ND	10	5.1
PYRENE	ND	10	5.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	64	30-150
2-FLUOROBIPHENYL	59	30-130
2-FLUOROPHENOL	46	20-130
NITROBENZENE-D5	57	30-130
PHENOL-D5	50	30-130
TERPHENYL-D14	71	30-130

(1): Cannot be separated from 3-Methylphenol
(2): Cannot be separated from Diphenylamine

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/09/06 15:30
Sample ID:	TT-MW2-11	Date Analyzed:	10/12/06 21:01
Lab Samp ID:	J067-03	Dilution Factor:	1.03
Lab File ID:	RJX062	Matrix :	WATER
Ext Btch ID:	SVJ015W	% Moisture :	NA
Calib. Ref.:	RHX222	Instrument ID :	T-042

Number of TIC : 2

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	8.9J	1.69	40
UNKNOWN	9.1J	6.58	38

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/09/06 15:30
Sample ID:	TT-MW2-12	Date Analyzed:	10/12/06 21:26
Samp ID:	J067-05	Dilution Factor:	3.33
File ID:	RJX063	Matrix	: WATER
Batch ID:	SVJ015W	% Moisture	: NA
Calib. Ref.:	RHX222	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,2,4-TRICHLOROBENZENE	ND	33	17
1,2-DICHLOROBENZENE	ND	33	17
1,3-DICHLOROBENZENE	ND	33	17
1,4-DICHLOROBENZENE	ND	33	17
2,4,5-TRICHLOROPHENOL	ND	33	17
2,4,6-TRICHLOROPHENOL	ND	33	17
2,4-DICHLOROPHENOL	ND	33	17
2,4-DIMETHYLPHENOL	ND	33	17
2,4-DINITROPHENOL	ND	67	17
2,4-DINITROTOLUENE	ND	33	17
2,6-DINITROTOLUENE	ND	33	17
2-CHLORONAPHTHALENE	ND	33	17
2-CHLOROPHENOL	ND	33	17
2-METHYLNAPHTHALENE	ND	33	17
2-METHYLPHENOL	ND	33	17
2-NITROANILINE	ND	33	17
2-NITROPHENOL	ND	33	17
3,3'-DICHLOROBENZIDINE	ND	33	17
3-NITROANILINE	ND	33	17
4,6-DINITRO-2-METHYLPHENOL	ND	67	17
4-BROMOPHENYL-PHENYL ETHER	ND	33	17
4-CHLORO-3-METHYLPHENOL	ND	33	17
4-CHLOROANILINE	ND	33	17
4-CHLOROPHENYL-PHENYL ETHER	ND	33	17
4-METHYLPHENOL (1)	ND	33	17
4-NITROANILINE	ND	33	17
4-NITROPHENOL	ND	67	17
ACENAPHTHENE	ND	33	17
ACENAPHTHYLENE	ND	33	17
ANTHRACENE	ND	33	17
BENZO(A)ANTHRACENE	ND	33	17
BENZO(A)PYRENE	ND	33	17
BENZO(B)FLUORANTHENE	ND	33	17
BENZO(K)FLUORANTHENE	ND	33	17
BENZO(G,H,I)PERYLENE	ND	33	17
BIS(2-CHLOROETHOXY)METHANE	ND	33	17
BIS(2-CHLOROETHYL)ETHER	ND	33	17
BIS(2-CHLOROISOPROPYL)ETHER	ND	33	17
[illegible]-ETHYLHEXYL)PHTHALATE	17J	33	17
[illegible] BENZYLPHTHALATE	ND	33	17
[illegible]ENE	ND	33	17
DI-N-BUTYLPHTHALATE	ND	33	17
DI-N-OCTYLPHTHALATE	ND	33	17
DIBENZO(A,H)ANTHRACENE	ND	33	17
DIBENZOFURAN	ND	33	17
DIETHYLPHTHALATE	ND	33	17
DIMETHYLPHTHALATE	ND	33	17
FLUORANTHENE	ND	33	17
FLUORENE	ND	33	17
HEXACHLOROBENZENE	ND	33	17
HEXACHLOROBUTADIENE	ND	33	17
HEXACHLOROCYCLOPENTADIENE	ND	33	17
HEXACHLOROETHANE	ND	33	17
INDENO(1,2,3-CD)PYRENE	ND	33	17
ISOPHORONE	ND	33	17
N-NITROSO-DI-N-PROPYLAMINE	ND	33	17
N-NITROSODIPHENYLAMINE (2)	ND	33	17
NAPHTHALENE	ND	33	17
NITROBENZENE	ND	33	17
PENTACHLOROPHENOL	ND	67	17
PHENANTHRENE	ND	33	17
PHENOL	ND	33	17
PYRENE	ND	33	17

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	60	30-150
2-FLUOROBIPHENYL	54	30-130
2-FLUOROPHENOL	44	20-130
NITROBENZENE-D5	50	30-130
PHENOL-D5	44	30-130
TERPHENYL-D14	81	30-130

(1): Cannot be separated from 3-Methylphenol
(2): Cannot be separated from Diphenylamine

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/09/06 15:30
Sample ID:	TT-MW2-12	Date Analyzed:	10/12/06 21:26
Lab Samp ID:	J067-05	Dilution Factor:	3.33
Lab File ID:	RJX063	Matrix :	WATER
Ext Btch ID:	SVJ015W	% Moisture :	NA
Calib. Ref.:	RHX222	Instrument ID :	T-042

Number of TIC : 2

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	14J	1.68	5
UNKNOWN	16J	2.53	9

QC SUMMARIES

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	NA
Project	: LMC BEAUMONT SITE 2	Date Received:	10/09/06
Batch No.	: 06J067	Date Extracted:	10/09/06 15:30
Sample ID:	MBLK1W	Date Analyzed:	10/12/06 18:30
Lab Samp ID:	SVJ015WB	Dilution Factor:	1
Lab File ID:	RJX056	Matrix :	WATER
Ext Btch ID:	SVJ015W	% Moisture :	NA
Calib. Ref.:	RHX222	Instrument ID :	T-042

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,2,4-TRICHLOROBENZENE	ND	10	5.0
1,2-DICHLOROBENZENE	ND	10	5.0
1,3-DICHLOROBENZENE	ND	10	5.0
1,4-DICHLOROBENZENE	ND	10	5.0
2,4,5-TRICHLOROPHENOL	ND	10	5.0
2,4,6-TRICHLOROPHENOL	ND	10	5.0
2,4-DICHLOROPHENOL	ND	10	5.0
2,4-DIMETHYLPHENOL	ND	10	5.0
2,4-DINITROPHENOL	ND	20	5.0
2,4-DINITROTOLUENE	ND	10	5.0
2,6-DINITROTOLUENE	ND	10	5.0
2-CHLORONAPHTHALENE	ND	10	5.0
2-CHLOROPHENOL	ND	10	5.0
2-METHYLNAPHTHALENE	ND	10	5.0
2-METHYLPHENOL	ND	10	5.0
2-NITROANILINE	ND	10	5.0
2-NITROPHENOL	ND	10	5.0
3,3'-DICHLOROBENZIDINE	ND	10	5.0
3-NITROANILINE	ND	10	5.0
4,6-DINITRO-2-METHYLPHENOL	ND	20	5.0
4-BROMOPHENYL-PHENYL ETHER	ND	10	5.0
4-CHLORO-3-METHYLPHENOL	ND	10	5.0
4-CHLOROANILINE	ND	10	5.0
4-CHLOROPHENYL-PHENYL ETHER	ND	10	5.0
4-METHYLPHENOL (1)	ND	10	5.0
4-NITROANILINE	ND	10	5.0
4-NITROPHENOL	ND	20	5.0
ACENAPHTHENE	ND	10	5.0
ACENAPHTHYLENE	ND	10	5.0
ANTHRACENE	ND	10	5.0
BENZO(A)ANTHRACENE	ND	10	5.0
BENZO(A)PYRENE	ND	10	5.0
BENZO(B)FLUORANTHENE	ND	10	5.0
BENZO(K)FLUORANTHENE	ND	10	5.0
BENZO(G,H,I)PERYLENE	ND	10	5.0
BIS(2-CHLOROETHOXY)METHANE	ND	10	5.0
BIS(2-CHLOROETHYL)ETHER	ND	10	5.0
BIS(2-CHLOROISOPROPYL)ETHER	ND	10	5.0
BIS(2-ETHYLHEXYL)PHTHALATE	ND	10	5.0
BUTYLBENZYLPHTHALATE	ND	10	5.0
CHRYSENE	ND	10	5.0
DI-N-BUTYLPHTHALATE	ND	10	5.0
DI-N-OCTYLPHTHALATE	ND	10	5.0
DIBENZO(A,H)ANTHRACENE	ND	10	5.0
DIBENZOFURAN	ND	10	5.0
DIETHYLPHTHALATE	ND	10	5.0
DIMETHYLPHTHALATE	ND	10	5.0
FLUORANTHENE	ND	10	5.0
FLUORENE	ND	10	5.0
HEXACHLOROBENZENE	ND	10	5.0
HEXACHLOROBUTADIENE	ND	10	5.0
HEXACHLOROCYCLOPENTADIENE	ND	10	5.0
HEXACHLOROETHANE	ND	10	5.0
INDENO(1,2,3-CD)PYRENE	ND	10	5.0
ISOPHORONE	ND	10	5.0
N-NITROSO-DI-N-PROPYLAMINE	ND	10	5.0
N-NITROSODIPHENYLAMINE (2)	ND	10	5.0
NAPHTHALENE	ND	10	5.0
NITROBENZENE	ND	10	5.0
PENTACHLOROPHENOL	ND	20	5.0
PHENANTHRENE	ND	10	5.0
PHENOL	ND	10	5.0
PYRENE	ND	10	5.0

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	52	40-140
2-FLUOROBIPHENYL	43	40-130
2-FLUOROPHENOL	38	30-130
NITROBENZENE-D5	39*	40-130
PHENOL-D5	40	30-130
TERPHENYL-D14	106	50-130

(1): Cannot be separated from 3-Methylphenol
(2): Cannot be separated from Diphenylamine

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	NA
Project	: LMC BEAUMONT SITE 2	Date Received:	10/09/06
Batch No.	: 06J067	Date Extracted:	10/09/06 15:30
Sample ID	: MBLK1W	Date Analyzed:	10/12/06 18:30
Samp ID	: SVJ015WB	Dilution Factor:	1
File ID	: RJX056	Matrix :	WATER
Btch ID	: SVJ015W	% Moisture :	NA
Calib. Ref.	: RHX222	Instrument ID :	T-042

Number of TIC : 0 Q

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 3520C/8270C

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	SVJ015WB	SVJ015WL	SVJ015WC		
LAB FILE ID:	RJX056	RJX057	RJX058		
DATE EXTRACTED:	10/09/0615:30	10/09/0615:30	10/09/0615:30	DATE COLLECTED:	NA
DATE ANALYZED:	10/12/0618:30	10/12/0618:55	10/12/0619:20	DATE RECEIVED:	10/09/06
PREP. BATCH:	SVJ015W	SVJ015W	SVJ015W		
CALIB. REF:	RHX222	RHX222	RHX222		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
1,2,4-Trichlorobenzene	ND	80.0	38.7	48	80.0	36.6	46	6	30-130	30
1,4-Dichlorobenzene	ND	80.0	34.6	43	80.0	32.0	40	8	30-130	30
2,4-Dinitrotoluene	ND	80.0	60.9	76	80.0	65.3	82	7	40-130	30
2-Chlorophenol	ND	80.0	43.8	55	80.0	41.0	51	7	30-130	30
4-Chloro-3-Methylphenol	ND	80.0	52.8	66	80.0	53.0	66	0	40-130	30
4-Nitrophenol	ND	80.0	47.4	59	80.0	49.7	62	5	30-130	30
Acenaphthene	ND	80.0	47.8	60	80.0	47.5	59	1	40-130	30
n-Nitroso-di-n-propylamine	ND	80.0	50.9	64	80.0	49.6	62	3	30-130	30
Pentachlorophenol	ND	80.0	50.7	63	80.0	52.8	66	4	30-130	30
Phenol	ND	80.0	42.1	53	80.0	38.3	48	10	20-130	30
Pyrene	ND	80.0	76.3	95	80.0	75.4	94	1	50-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
2,4,6-Tribromophenol	150	100	67	150	103	69	40-140
2-Fluorobiphenyl	50.0	30.2	60	50.0	30.2	60	40-130
2-Fluorophenol	150	75.0	50	150	69.0	46	30-130
Nitrobenzene-d5	50.0	28.7	57	50.0	28.3	57	40-130
Phenol-d5	150	81.6	54	150	73.7	49	30-130
Terphenyl-d14	50.0	54.2	108	50.0	55.2	110	50-130

INITIAL CALIBRATION

5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RHX217
Instrument ID: T-042

Project: LMC BEAUMONT SITE 2
SDG No.: 06J067
DFTPP Injection Date: 08/29/06
DFTPP Injection Time: 11:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	48.48
68	Less than 2% of mass 69	0.00(0.0)1
69	Relative abundance of mass 198	60.10
70	Less than 2.0% of mass 69	0.00(0.0)1
127	40.0 - 60.0% of mass 198	41.62
197	Less than 1.0% of mass 198	0.00
198	Base Peak, 100% relative abundance	100.00
199	5.0 - 9.0% of mass 198	7.16
275	10.0 - 30.0% of mass 198	21.85
365	Greater than 1.00% of mass 198	2.68
441	Present, but less than mass 443	12.73
442	Greater than 40.0% of mass 198	81.17
443	17.0 - 23.0% of mass 442	16.25(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
1	SSTD05	SV42H291	RHX218	08/29/06	12:04
2	SSTD010	SV42H292	RHX219	08/29/06	12:29
3	SSTD020	SV42H293	RHX220	08/29/06	12:55
4	SSTD040	SV42H294	RHX221	08/29/06	13:20
5	SSTD050	SV42H295	RHX222	08/29/06	13:45
6	SSTD080	SV42H296	RHX223	08/29/06	14:11
7	SSTD100	SV42H297	RHX224	08/29/06	14:36
8	SSTD120	SV42H298	RHX225	08/29/06	15:01
9	SSTD160	SV42H299	RHX226	08/29/06	15:27
10	SSTD050	ISV42H291	RHX227	08/29/06	15:52

FORM V SV OLM02.0

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :T042
Beginning DateTime :08/29/06 12:04
Spike Units :PPM
IC File :RHX222

Column Spec :ZB-5MS ID :0.18MM
Ending DateTime :08/29/06 15:27
HPChem Method :SV42H29

IDX	Parameters	5 12:04 RHX218	10 12:29 RHX219	20 12:55 RHX220	40 13:20 RHX221	50 13:45 RHX222	80 14:11 RHX223	100 14:36 RHX224	120 15:01 RHX225	160 15:27 RHX226	Av_RRF	%_RSD	Av_Rt_M
1	1,4-Dichlorobenzene-d4	1	1	1	1	1	1	1	1	1	1	0	3.5318
2	N-Nitrosodimethylamine	0.827	0.834	0.873	0.884	0.890	0.875	0.878	0.899	0.895	0.873	2.92	1.6926
3	Pyridine	1.327	1.396	1.420	1.452	1.473	1.453	1.484	1.497	1.502	1.445	3.90	1.7207
4	2-Fluorophenol	1.223	1.266	1.258	1.273	1.322	1.275	1.285	1.285	1.272	1.273	2.05	2.4430
5	Phenol	1.768	1.667	1.669	1.688	1.767	1.647	1.611	1.651	1.619	1.676	3.39	3.1921
6	Aniline	1.770	1.737	1.739	1.684	1.768	1.731	1.642	1.728	1.654	1.717	2.71	3.2349
7	Bis(2-chloroethyl)ether	1.440	1.433	1.384	1.366	1.332	1.309	1.313	1.132	1.077	1.309	9.62	3.2900
8	Phenol-d5	1.625	1.602	1.611	1.615	1.640	1.583	1.606	1.601	1.542	1.603	1.74	3.1775
9	2-Chlorophenol	1.391	1.384	1.341	1.320	1.351	1.284	1.266	1.219	1.198	1.306	5.30	3.3316
10	1,3-Dichlorobenzene	1.579	1.568	1.509	1.465	1.526	1.446	1.450	1.417	1.413	1.486	4.18	3.4779
11	1,4-Dichlorobenzene	1.630	1.593	1.480	1.475	1.510	1.416	1.407	1.366	1.336	1.468	6.73	3.5487
12	Benzyl alcohol	0.828	0.826	0.853	0.852	0.869	0.798	0.788	0.775	0.716	0.812	5.89	3.6758
13	1,2-Dichlorobenzene-d4	1.039	1.003	0.950	0.914	0.939	0.849	0.830	0.814	0.757	0.899	10.36	3.6826
14	1,2-Dichlorobenzene	1.579	1.484	1.431	1.361	1.397	1.267	1.233	1.186	1.083	1.336	11.73	3.7006
15	2-Methylphenol	1.073	1.071	1.063	1.050	1.091	1.028	1.025	1.002	0.974	1.042	3.63	3.7816
16	Bis(2-chloroisopropyl)ether	2.401	2.412	2.286	2.255	2.298	2.209	2.232	2.201	2.142	2.271	3.96	3.8165
17	4-Methylphenol	1.502	1.515	1.525	1.520	1.586	1.531	1.518	1.520	1.501	1.524	1.64	3.9582
18	N-Nitroso-di-n-propylamine	0.895	0.979	1.008	1.036	1.091	1.054	1.025	1.024	0.975	1.010	5.54	3.9728
19	Hexachloroethane	0.673	0.694	0.665	0.669	0.686	0.650	0.648	0.636	0.610	0.659	3.95	4.0504
20	Naphthalene-d8	1	1	1	1	1	1	1	1	1	1	0	4.9503
21	Nitrobenzene-d5	0.363	0.400	0.408	0.407	0.438	0.425	0.429	0.423	0.420	0.412	5.38	4.1146
22	Nitrobenzene	0.448	0.457	0.442	0.422	0.455	0.434	0.430	0.422	0.422	0.437	3.23	4.1359
23	Isophorone	0.759	0.754	0.735	0.712	0.766	0.728	0.745	0.743	0.724	0.741	2.39	4.4228
24	2-Nitrophenol	0.195	0.203	0.224	0.226	0.242	0.240	0.238	0.232	0.232	0.226	7.36	4.4959
[illegible]	2,4-Dimethylphenol	0.323	0.325	0.317	0.306	0.333	0.314	0.316	0.306	0.304	0.316	3.10	4.5623
[illegible]	bis(2-Chloroethoxy)methane	0.500	0.491	0.479	0.441	0.471	0.445	0.438	0.435	0.419	0.458	6.13	4.6882
27	Benzoic Acid	0.063	0.118	0.173	0.213	0.232	0.232	0.247	0.259	0.254	0.199	34.16	4.7456
28	2,4-Dichlorophenol	0.338	0.341	0.342	0.326	0.342	0.318	0.318	0.319	0.310	0.328	3.87	4.7816
29	1,2,4-Trichlorobenzene	0.400	0.393	0.380	0.342	0.365	0.340	0.341	0.330	0.323	0.357	7.90	4.8829
30	Naphthalene	1.188	1.148	1.066	0.960	1.012	0.937	0.919	0.904	0.841	0.997	11.68	4.9773
31	4-Chloroaniline	0.423	0.445	0.432	0.420	0.454	0.429	0.424	0.404	0.400	0.426	4.12	5.0606
32	Hexachlorobutadiene	0.267	0.263	0.237	0.222	0.233	0.221	0.217	0.212	0.203	0.231	9.64	5.1382
33	4-Chloro-3-methylphenol	0.327	0.359	0.360	0.364	0.390	0.377	0.372	0.360	0.367	0.364	4.73	5.7006
34	2-Methylnaphthalene	0.747	0.718	0.707	0.661	0.701	0.642	0.636	0.609	0.599	0.669	7.72	5.8750
35	Acenaphthene-d10	1	1	1	1	1	1	1	1	1	1	0	7.2238
36	Hexachlorocyclopentadiene	0.212	0.267	0.296	0.295	0.334	0.331	0.345	0.339	0.321	0.304	14.11	6.0798
37	2,4,6-Trichlorophenol	0.461	0.476	0.467	0.424	0.483	0.464	0.474	0.520	0.486	0.473	5.36	6.2473
38	2,4,5-Trichlorophenol	0.466	0.492	0.476	0.461	0.500	0.479	0.502	0.449	0.447	0.475	4.31	6.2845
39	2-Fluorobiphenyl	1.498	1.476	1.399	1.248	1.352	1.272	1.268	1.209	1.176	1.322	8.73	6.3688
40	2-Chloronaphthalene	1.287	1.301	1.223	1.096	1.187	1.144	1.146	1.105	1.042	1.170	7.48	6.4993
41	2-Nitroaniline	0.301	0.400	0.458	0.464	0.506	0.521	0.532	0.556	0.533	0.475	17.10	6.6512
42	Dimethylphthalate	1.511	1.497	1.471	1.370	1.486	1.428	1.461	1.459	1.433	1.457	2.93	6.9347
43	2,6-Dinitrotoluene	0.203	0.280	0.334	0.335	0.380	0.374	0.400	0.369	0.359	0.337	18.12	7.0010
44	Acenaphthylene	1.909	1.943	1.852	1.682	1.813	1.741	1.751	1.661	1.552	1.767	7.10	7.0337
45	3-Nitroaniline	0.257	0.329	0.353	0.343	0.389	0.376	0.404	0.372	0.370	0.355	12.18	7.2080
46	Acenaphthene	1.230	1.223	1.125	0.994	1.104	1.031	1.033	1.021	0.955	1.080	9.07	7.2722
47	2,4-Dinitrophenol	0.043	0.094	0.150	0.198	0.228	0.249	0.273	0.272	0.277	0.198	42.94	7.3464
48	4-Nitrophenol	0.133	0.175	0.210	0.220	0.241	0.254	0.276	0.264	0.259	0.226	20.82	7.4600
49	Dibenzofuran	1.846	1.868	1.737	1.532	1.642	1.586	1.599	1.499	1.490	1.644	8.66	7.5095
50	2,4-Dinitrotoluene	0.330	0.426	0.465	0.453	0.496	0.493	0.508	0.507	0.490	0.463	12.30	7.5320
51	Diethylphthalate	1.463	1.496	1.447	1.344	1.455	1.395	1.401	1.347	1.302	1.406	4.61	7.9032
52	Fluorene	1.427	1.385	1.327	1.213	1.289	1.239	1.234	1.196	1.143	1.273	7.27	7.9786
53	4-Chlorophenyl-phenylether	0.768	0.732	0.706	0.619	0.678	0.641	0.642	0.620	0.600	0.667	8.59	8.0101
54	4-Nitroaniline	0.258	0.322	0.348	0.353	0.380	0.383	0.385	0.364	0.345	0.349	11.39	8.0573
[illegible]	4,6-Dinitro-2-methylphenol	0.134	0.209	0.254	0.287	0.323	0.327	0.345	0.348	0.335	0.285	25.72	8.0888
56	N-Nitrosodiphenylamine	0.935	0.944	0.905	0.849	0.896	0.869	0.881	0.864	0.821	0.885	4.49	8.1867
57	Azobenzene	1.627	1.637	1.585	1.473	1.698	1.645	1.661	1.585	1.501	1.601	4.63	8.2283
58	2,4,6-Tribromophenol	0.285	0.288	0.288	0.270	0.293	0.294	0.298	0.302	0.292	0.290	3.16	8.3115

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59	Phenanthrene-d10	1	1	1	1	1	1	1	1	1	1	0	9.2790
60	4-Bromophenyl-phenylether	0.299	0.292	0.279	0.258	0.282	0.282	0.272	0.261	0.253	0.275	5.64	8.6884
61	Hexachlorobenzene	0.405	0.368	0.363	0.318	0.347	0.337	0.323	0.322	0.311	0.344	8.87	8.7278
62	Pentachlorophenol	0.188	0.228	0.257	0.244	0.277	0.281	0.277	0.276	0.267	0.255	11.99	9.0169
63	Phenanthrene	1.365	1.295	1.230	1.096	1:194	1.129	1.092	1.072	1.006	1.164	9.94	9.3161
64	Anthracene	1.293	1.269	1.224	1.084	1.184	1.125	1.062	1.054	1.003	1.144	9.00	9.3881
65	Carbazole	1.127	1.118	1.104	0.975	1.035	0.958	0.941	0.883	0.864	1.001	10.01	9.6367
66	Di-n-butylphthalate	1.251	1.379	1.439	1.324	1.387	1.388	1.336	1.290	1.209	1.334	5.51	10.2171
67	Fluoranthene	1.190	1.203	1.208	1.091	1.198	1.181	1.123	1.099	1.087	1.153	4.52	11.0012
68	Chrysene-d12	1	1	1	1	1	1	1	1	1	1	0	12.7729
69	Benzidine	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
70	Pyrene	1.446	1.422	1.420	1.374	1.529	1.549	1.539	1.560	1.596	1.493	5.22	11.3139
71	Terphenyl-d14	0.839	0.859	0.879	0.848	0.923	0.945	0.936	0.949	0.923	0.900	4.87	11.5648
72	Butylbenzylphthalate	0.352	0.458	0.580	0.608	0.672	0.678	0.688	0.668	0.699	0.600	20.01	12.1643
73	3,3'-Dichlorobenzidine	0.127	0.194	0.273	0.311	0.348	0.351	0.365	0.365	0.373	0.301	28.95	12.7628
74	Benzo(a)anthracene	1.009	0.981	1.059	0.986	1.087	1.056	1.048	1.039	1.044	1.034	3.40	12.7583
75	Chrysene	1.177	1.199	1.098	1.043	1.100	1.113	1.086	1.069	1.119	1.112	4.45	12.8066
76	bis(2-Ethylhexyl)phthalate	0.304	0.463	0.599	0.684	0.741	0.772	0.786	0.792	0.830	0.663	26.68	12.8966
77	Perylene-d12	1	1	1	1	1	1	1	1	1	1	0	14.5041
78	Di-n-octylphthalate	------	0.825	1.105	1.380	1.577	1.759	1.887	1.942	2.030	1.563	27.51	13.7118
79	Benzo(b)fluoranthene	1.047	1.004	1.347	1.200	1.388	1.549	1.527	1.515	1.446	1.336	15.45	14.0654
80	Benzo(k)fluoranthene	1.668	1.685	1.526	1.476	1.569	1.380	1.365	1.337	1.463	1.497	8.47	14.1014
81	Benzo(a)pyrene	1.430	1.385	1.412	1.266	1.387	1.356	1.333	1.310	1.311	1.355	3.97	14.4400
82	Indeno(1,2,3-cd)pyrene	0.721	0.987	1.142	1.140	1.267	1.294	1.239	1.228	1.225	1.138	15.96	15.7202
83	Dibenzo(a,h)anthracene	0.502	0.730	0.881	0.894	1.001	1.018	0.986	0.976	0.977	0.885	19.13	15.7561
84	Benzo(g,h,i)perylene	0.867	1.035	0.963	0.931	1.020	1.004	0.952	0.934	0.931	0.960	5.49	16.0531

Ave_%RSD : 9.3 Max_%RSD : 42.9

Use Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
Resp_Ratio = xo + x1 * Amt_Ratio

IDX	Parameter	x0	x1	CCF
27	Benzoic Acid	-0.03099	0.25873	0.9988
41	2-Nitroaniline	-0.03640	0.54443	0.9993
43	2,6-Dinitrotoluene	-0.02265	0.38053	0.9986
47	2,4-Dinitrophenol	-0.04157	0.27810	0.9966
48	4-Nitrophenol	-0.02159	0.26732	0.9986
55	4,6-Dinitro-2-methylphenol	-0.03271	0.34742	0.9991
72	Butylbenzylphthalate	-0.05207	0.70040	0.9996
73	3,3'-Dichlorobenzidine	-0.03926	0.37604	0.9993
76	bis(2-Ethylhexyl)phthalate	-0.08199	0.82080	0.9992
78	Di-n-octylphthalate	-0.41103	2.04011	0.9970
79	Benzo(b)fluoranthene	-0.08893	1.50650	0.9979
82	Indeno(1,2,3-cd)pyrene	-0.06584	1.26470	0.9994
83	Dibenzo(a,h)anthracene	-0.06419	1.00799	0.9995

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Quantitation Limit from Lowest Initial Calibration Concentration

Instrument ID :TO42
Beginning DateTime :08/29/06 12:04
IC File :RHX222

Column Spec :ZB-5MS ID :0.18MM
Ending DateTime :08/29/06 15:27
HPChem Method :SV42H29

WATER Init. Vol. (ml) : 1000 Final Vol. (ml) : 1
SOIL Init. Weight (gm) : 30 Final Vol. (ml) : 1

X	Parameters	ON COL MG/L	WATER UG/L	SOIL MG/KG	R_FILE
1	1,4-Dichlorobenzene-d4	IntSTD	IntSTD	IntSTD	IntSTD
2	N-Nitrosodimethylamine	5	5	.1667	RHX218
3	Pyridine	5	5	.1667	RHX218
4	2-Fluorophenol	5	5	.1667	RHX218
5	Phenol	5	5	.1667	RHX218
6	Aniline	5	5	.1667	RHX218
7	Bis(2-chloroethyl)ether	5	5	.1667	RHX218
8	Phenol-d5	5	5	.1667	RHX218
9	2-Chlorophenol	5	5	.1667	RHX218
10	1,3-Dichlorobenzene	5	5	.1667	RHX218
11	1,4-Dichlorobenzene	5	5	.1667	RHX218
12	Benzyl alcohol	5	5	.1667	RHX218
13	1,2-Dichlorobenzene-d4	5	5	.1667	RHX218
14	1,2-Dichlorobenzene	5	5	.1667	RHX218
15	2-Methylphenol	5	5	.1667	RHX218
16	Bis(2-chloroisopropyl)ether	5	5	.1667	RHX218
17	4-Methylphenol	5	5	.1667	RHX218
18	N-Nitroso-di-n-propylamine	5	5	.1667	RHX218
19	Hexachloroethane	5	5	.1667	RHX218
20	Naphthalene-d8	IntSTD	IntSTD	IntSTD	IntSTD
21	Nitrobenzene-d5	5	5	.1667	RHX218
22	Nitrobenzene	5	5	.1667	RHX218
23	Isophorone	5	5	.1667	RHX218
24	2-Nitrophenol	5	5	.1667	RHX218
25	2,4-Dimethylphenol	5	5	.1667	RHX218
26	bis(2-Chloroethoxy)methane	5	5	.1667	RHX218
27	Benzoic Acid	5	5	.1667	RHX218
28	2,4-Dichlorophenol	5	5	.1667	RHX218
29	1,2,4-Trichlorobenzene	5	5	.1667	RHX218
30	Naphthalene	5	5	.1667	RHX218
31	4-Chloroaniline	5	5	.1667	RHX218
32	Hexachlorobutadiene	5	5	.1667	RHX218
33	4-Chloro-3-methylphenol	5	5	.1667	RHX218
34	2-Methylnaphthalene	5	5	.1667	RHX218
35	Acenaphthene-d10	IntSTD	IntSTD	IntSTD	IntSTD
36	Hexachlorocyclopentadiene	5	5	.1667	RHX218
37	2,4,6-Trichlorophenol	5	5	.1667	RHX218
38	2,4,5-Trichlorophenol	5	5	.1667	RHX218
39	2-Fluorobiphenyl	5	5	.1667	RHX218
0	2-Chloronaphthalene	5	5	.1667	RHX218
1	2-Nitroaniline	5	5	.1667	RHX218
2	Dimethylphthalate	5	5	.1667	RHX218
43	2,6-Dinitrotoluene	5	5	.1667	RHX218
44	Acenaphthylene	5	5	.1667	RHX218
45	3-Nitroaniline	5	5	.1667	RHX218
46	Acenaphthene	5	5	.1667	RHX218
47	2,4-Dinitrophenol	5	5	.1667	RHX218
48	4-Nitrophenol	5	5	.1667	RHX218
49	Dibenzofuran	5	5	.1667	RHX218
50	2,4-Dinitrotoluene	5	5	.1667	RHX218
51	Diethylphthalate	5	5	.1667	RHX218
52	Fluorene	5	5	.1667	RHX218
53	4-Chlorophenyl-phenylether	5	5	.1667	RHX218
54	4-Nitroaniline	5	5	.1667	RHX218
55	4,6-Dinitro-2-methylphenol	5	5	.1667	RHX218
56	N-Nitrosodiphenylamine	5	5	.1667	RHX218
57	Azobenzene	5	5	.1667	RHX218
58	2,4,6-Tribromophenol	5	5	.1667	RHX218
59	Phenanthrene-d10	IntSTD	IntSTD	IntSTD	IntSTD
60	4-Bromophenyl-phenylether	5	5	.1667	RHX218
61	Hexachlorobenzene	5	5	.1667	RHX218
62	Pentachlorophenol	5	5	.1667	RHX218
63	Phenanthrene	5	5	.1667	RHX218
64	Anthracene	5	5	.1667	RHX218
65	Carbazole	5	5	.1667	RHX218
66	Di-n-butylphthalate	5	5	.1667	RHX218
67	Fluoranthene	5	5	.1667	RHX218
68	Chrysene-d12	IntSTD	IntSTD	IntSTD	IntSTD
69	Benzidine	NA	NA	NA	NA
70	Pyrene	5	5	.1667	RHX218
71	Terphenyl-d14	5	5	.1667	RHX218
72	Butylbenzylphthalate	5	5	.1667	RHX218
73	3,3'-Dichlorobenzidine	5	5	.1667	RHX218
74	Benzo(a)anthracene	5	5	.1667	RHX218
75	Chrysene	5	5	.1667	RHX218
76	bis(2-Ethylhexyl)phthalate	5	5	.1667	RHX218
77	Perylene-d12	IntSTD	IntSTD	IntSTD	IntSTD
78	Di-n-octylphthalate	10	10	.3333	RHX219
79	Benzo(b)fluoranthene	5	5	.1667	RHX218
80	Benzo(k)fluoranthene	5	5	.1667	RHX218
81	Benzo(a)pyrene	5	5	.1667	RHX218
82	Indeno(1,2,3-cd)pyrene	5	5	.1667	RHX218
	Dibenzo(a,h)anthracene	5	5	.1667	RHX218
+	Benzo(g,h,i)perylene	5	5	.1667	RHX218

8-31-06

SECOND SOURCE

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :T042
IC_Beginning DateTime :08/29/06 12:04
Spike Amount :50 PPM
CC/CV File :RHX227
IC File :RHX222

Column Spec :ZB-5MS ID :0.18MM
IC Ending DateTime :08/29/06 15:27
HPChem Method :SV42H29
Date_Time :08/29/06 15:52

IX	Parameters	CC_Con	CC%_D	CC_Resp	CCRRF	AVRRF	CC_Rtm	AVRtm	% RSD	Co_X0	Co_X1	Co_X2	Co_Cor
1	1,4-Dichlorobenzene-d4	40.000	0	277117	1	1	3.536	3.532	0				
2	N-Nitrosodimethylamine	47.238	-5.5	285653	0.825	0.873	1.693	1.693	2.92				
3	Pyridine	45.840	-8.3	458859	1.325	1.445	1.714	1.721	3.90				
4	2-Fluorophenol												
5	Phenol	45.802	-8.4	531938	1.536	1.676	3.182	3.192	3.39				
6	Aniline	42.634	-14.7	507188	1.464	1.717	3.232	3.235	2.71				
7	Bis(2-chloroethyl)ether	46.882	-6.2	425312	1.228	1.309	3.283	3.290	9.62				
8	Phenol-d5												
9	2-Chlorophenol	45.855	-8.3	414879	1.198	1.306	3.323	3.332	5.30				
10	1,3-Dichlorobenzene	45.230	-9.5	465668	1.344	1.486	3.475	3.478	4.18				
11	1,4-Dichlorobenzene	45.338	-9.3	461122	1.331	1.468	3.546	3.549	6.73				
12	Benzyl alcohol	48.222	-3.6	271176	0.783	0.812	3.668	3.676	5.89				
13	1,2-Dichlorobenzene-d4												
14	1,2-Dichlorobenzene	46.968	-6.1	434608	1.255	1.336	3.698	3.701	11.73				
15	2-Methylphenol	44.509	-11.0	321258	0.927	1.042	3.779	3.782	3.63				
16	Bis(2-chloroisopropyl)ether	45.120	-9.8	709816	2.049	2.271	3.819	3.816	3.96				
17	4-Methylphenol	43.337	-13.3	457606	1.321	1.524	3.951	3.958	1.64				
18	N-Nitroso-di-n-propylamine	48.261	-3.5	337543	0.974	1.010	3.971	3.973	5.54				
19	Hexachloroethane	45.702	-8.6	208685	0.602	0.659	4.052	4.050	3.95				
20	Naphthalene-d8	40.000	0	917162	1	1	4.953	4.950	0				
21	Nitrobenzene-d5												
22	Nitrobenzene	45.995	-8.0	460744	0.402	0.437	4.133	4.136	3.23				
23	Isophorone	44.604	-10.8	757536	0.661	0.741	4.417	4.423	2.39				
24	2-Nitrophenol	49.134	-1.7	254151	0.222	0.226	4.498	4.496	7.36				
25	2,4-Dimethylphenol	44.675	-10.7	323516	0.282	0.316	4.558	4.562	3.10				
26	bis(2-Chloroethoxy)methane	46.872	-6.3	491783	0.429	0.458	4.690	4.688	6.13				
27	Benzoic Acid	45.637	-8.7	242319	0.211	0.199	4.741	4.746	34.16	-0.0310	0.2587		0.9988
28	2,4-Dichlorophenol	47.526	-4.9	357725	0.312	0.328	4.781	4.782	3.87				
29	1,2,4-Trichlorobenzene	45.829	-8.3	375372	0.327	0.357	4.883	4.883	7.90				
30	Naphthalene	45.154	-9.7	1032410	0.901	0.997	4.974	4.977	11.68				
31	4-Chloroaniline	46.692	-6.6	455729	0.398	0.426	5.055	5.061	4.12				
32	Hexachlorobutadiene	46.125	-7.8	243850	0.213	0.231	5.136	5.138	9.64				
33	4-Chloro-3-methylphenol	48.189	-3.6	402129	0.351	0.364	5.702	5.701	4.73				
34	2-Methylnaphthalene	45.826	-8.3	703067	0.613	0.669	5.875	5.875	7.72				
35	Acenaphthene-d10	40.000	0	511476	1	1	7.221	7.224	0				
36	Hexachlorocyclopentadiene	50.206	0.4	195478	0.306	0.304	6.077	6.080	14.11				
37	2,4,6-Trichlorophenol	44.840	-10.3	271105	0.424	0.473	6.249	6.247	5.36				
38	2,4,5-Trichlorophenol	45.437	-9.1	275763	0.431	0.475	6.280	6.285	4.31				
39	2-Fluorobiphenyl												
40	2-Chloronaphthalene	44.937	-10.1	672455	1.052	1.170	6.492	6.499	7.48				
41	2-Nitroaniline	46.009	-8.0	301681	0.472	0.475	6.654	6.651	17.10	-0.0364	0.5444		0.9993
42	Dimethylphthalate	45.053	-9.9	839527	1.313	1.457	6.928	6.935	2.93				
43	2,6-Dinitrotoluene	46.430	-7.1	214340	0.335	0.337	6.998	7.001	18.12	-0.0226	0.3805		0.9986
44	Acenaphthylene	46.153	-7.7	1042843	1.631	1.767	7.029	7.034	7.10				
45	3-Nitroaniline	48.479	-3.0	219958	0.344	0.355	7.201	7.208	12.18				
46	Acenaphthene	44.483	-11.0	614066	0.960	1.080	7.272	7.272	9.07				
47	2,4-Dinitrophenol	42.121	-15.8	128522	0.201	0.198	7.343	7.346	42.94	-0.0416	0.2781		0.9966
48	4-Nitrophenol	42.547	-14.9	134395	0.210	0.226	7.454	7.460	20.82	-0.0216	0.2673		0.9986
49	Dibenzofuran	44.700	-10.6	939830	1.470	1.644	7.505	7.510	8.66				
50	2,4-Dinitrotoluene	47.704	-4.6	282435	0.442	0.463	7.525	7.532	12.30				
51	Diethylphthalate	45.813	-8.4	823428	1.288	1.406	7.899	7.903	4.61				
52	Fluorene	45.753	-8.5	744477	1.164	1.273	7.981	7.979	7.27				
53	4-Chlorophenyl-phenylether	44.455	-11.1	379388	0.593	0.667	8.011	8.010	8.59				
54	4-Nitroaniline	47.591	-4.8	212220	0.332	0.349	8.051	8.057	11.39				
55	4,6-Dinitro-2-methylphenol	44.307	-11.4	180099	0.282	0.285	8.082	8.089	25.72	-0.0327	0.3474		0.9991
56	N-Nitrosodiphenylamine	43.693	-12.6	494437	0.773	0.885	8.183	8.187	4.49				
57	Azobenzene	42.604	-14.8	872397	1.365	1.601	8.223	8.228	4.63				
58	2,4,6-Tribromophenol												
59	Phenanthrene-d10	40.000	0	779589	1	1	9.276	9.279	0				
60	4-Bromophenyl-phenylether	47.841	-4.3	256607	0.263	0.275	8.689	8.688	5.64				
61	Hexachlorobenzene	45.902	-8.2	307527	0.316	0.344	8.730	8.728	8.87				
62	Pentachlorophenol	48.766	-2.5	242283	0.249	0.255	9.013	9.017	11.99				
63	Phenanthrene	45.212	-9.6	1025981	1.053	1.164	9.317	9.316	9.94				
64	Anthracene	44.760	-10.5	998209	1.024	1.144	9.388	9.388	9.00				
65	Carbazole	44.770	-10.5	873052	0.896	1.001	9.631	9.637	10.01				
66	Di-n-butylphthalate	46.597	-6.8	1211158	1.243	1.334	10.218	10.217	5.51				
67	Fluoranthene	45.994	-8.0	1033861	1.061	1.153	10.997	11.001	4.52				
68	Chrysene-d12	40.000	0	594964	1	1	12.769	12.773	0				
69	Benzidine												
70	Pyrene	46.263	-7.5	1027238	1.381	1.493	11.311	11.314	5.22				
71	Terphenyl-d14												
72	Butylbenzylphthalate	45.453	-9.1	442545	0.595	0.600	12.162	12.164	20.01	-0.0521	0.7004		0.9996
73	3,3'-Dichlorobenzidine	44.791	-10.4	227173	0.305	0.301	12.759	12.763	28.95	-0.0393	0.3760		0.9993
74	Benzo(a)anthracene	46.705	-6.6	718654	0.966	1.034	12.759	12.758	3.40				
75	Chrysene	43.415	-13.2	717808	0.965	1.112	12.800	12.807	4.45				
76	bis(2-Ethylhexyl)phthalate	44.686	-10.6	496785	0.668	0.663	12.901	12.897	26.68	-0.0820	0.8208		0.9992
77	Perylene-d12	40.000	0	368809	1	1	14.500	14.504	0				
78	Di-n-octylphthalate	44.007	-12.0	676200	1.467	1.563	13.711	13.712	27.51	-0.4110	2.0401		0.9970
79	Benzo(b)fluoranthene	42.646	-14.7	559577	1.214	1.336	14.065	14.065	15.45	-0.0889	1.5065		0.9979
80	Benzo(k)fluoranthene	46.473	-7.1	641325	1.391	1.497	14.095	14.101	8.47				
81	Benzo(a)pyrene	44.503	-11.0	555840	1.206	1.355	14.440	14.440	3.97				
82	Indeno(1,2,3-cd)pyrene	44.705	-10.6	497020	1.078	1.138	15.715	15.720	15.96	-0.0658	1.2647		0.9994
83	Dibenzo(a,h)anthracene	44.956	-10.1	394145	0.855	0.885	15.756	15.756	19.13	-0.0642	1.0080		0.9995
	Benzo(g,h,i)perylene	44.236	-11.5	391373	0.849	0.960	16.049	16.053	5.49				

8/31/06

Data File : C:\HPCHEM\1\DATA\06H29\RHX227.D
Acq On : 29 Aug 06 15:52
Sample : ISV42H29 1
Misc : 2ND SOURCE-50 PPM
MS Integration Params: RTEINT.P

Vial: 12
Operator: SG
Inst : TO42
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\SV42H29.M (RTE Integrator)
Title : METHOD 8270C
Last Update : Wed Aug 30 16:06:04 2006
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	112	0.00
2	T	N-Nitrosodimethylamine	50.000	47.239	5.5	104	0.00
3	T	Pyridine	50.000	45.840	8.3	101	0.00
4	S	2-Fluorophenol	50.000	0.000	100.0#	0	-2.45#
5	C	Phenol	50.000	45.803	8.4	97	0.00
6	T	Aniline	50.000	42.634	14.7	93	0.00
7	T	Bis(2-chloroethyl)ether	50.000	46.883	6.2	103	0.00
8	S	Phenol-d5	50.000	0.000	100.0#	0	-3.18#
9	T	2-Chlorophenol	50.000	45.855	8.3	99	0.00
10	T	1,3-Dichlorobenzene	50.000	45.230	9.5	98	0.00
11	C	1,4-Dichlorobenzene	50.000	45.338	9.3	99	0.00
12	T	Benzyl alcohol	50.000	48.223	3.6	101	0.00
13	S	1,2-Dichlorobenzene-d4	50.000	0.000	100.0#	0	-3.68#
14	T	1,2-Dichlorobenzene	50.000	46.968	6.1	100	0.00
15	T	2-Methylphenol	50.000	44.510	11.0	95	0.00
16	T	Bis(2-chloroisopropyl)ether	50.000	45.120	9.8	100	0.00
17	T	4-Methylphenol	50.000	43.337	13.3	93	0.00
18	P	N-Nitroso-di-n-propylamine	50.000	48.262	3.5	100	0.00
19	T	Hexachloroethane	50.000	45.703	8.6	98	0.00
20	I	Naphthalene-d8	40.000	40.000	0.0	110	0.00
21	S	Nitrobenzene-d5	50.000	0.000	100.0#	0	-4.12#
22	T	Nitrobenzene	50.000	45.995	8.0	97	0.00
23	T	Isophorone	50.000	44.604	10.8	95	0.00
24	C	2-Nitrophenol	50.000	49.134	1.7	100	0.00
25	T	2,4-Dimethylphenol	50.000	44.675	10.7	93	0.00
26	T	bis(2-Chloroethoxy)methane	50.000	46.873	6.3	100	0.00
27	T	Benzoic Acid	50.000	45.637	8.7	100	0.00
28	C	2,4-Dichlorophenol	50.000	47.526	4.9	100	0.00
29	T	1,2,4-Trichlorobenzene	50.000	45.830	8.3	98	0.00
30	T	Naphthalene	50.000	45.154	9.7	98	0.00
31	T	4-Chloroaniline	50.000	46.693	6.6	96	0.00
32	C	Hexachlorobutadiene	50.000	46.125	7.8	100	0.00
33	C	4-Chloro-3-methylphenol	50.000	48.189	3.6	99	0.00
34	T	2-Methylnaphthalene	50.000	45.827	8.3	96	0.00
35	I	Acenaphthene-d10	40.000	40.000	0.0	111	0.00
36	P	Hexachlorocyclopentadiene	50.000	50.206	-0.4	101	0.00
37	C	2,4,6-Trichlorophenol	50.000	44.841	10.3	97	0.00
38	T	2,4,5-Trichlorophenol	50.000	45.437	9.1	95	0.00
39	S	2-Fluorobiphenyl	50.000	0.000	100.0#	0	-6.36#

(#) = Out of Range

9/9/06

3021

Data File : C:\HPCHEM\1\DATA\06H29\RHX227.D
Acq On : 29 Aug 06 15:52
Sample : ISV42H29 1
Misc : 2ND SOURCE-50 PPM
MS Integration Params: RTEINT.P

Vial: 12
Operator: SG
Inst : TO42
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\SV42H29.M (RTE Integrator)
Title : METHOD 8270C
Last Update : Wed Aug 30 16:06:04 2006
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
40	T	2-Chloronaphthalene	50.000	44.937	10.1	98	0.00
41	T	2-Nitroaniline	50.000	46.010	8.0	103	0.00
42	T	Dimethylphthalate	50.000	45.054	9.9	98	0.00
43	T	2,6-Dinitrotoluene	50.000	46.431	7.1	98	0.00
44	T	Acenaphthylene	50.000	46.153	7.7	99	0.00
45	T	3-Nitroaniline	50.000	48.479	3.0	98	0.00
46	C	Acenaphthene	50.000	44.484	11.0	96	0.00
47	P	2,4-Dinitrophenol	50.000	42.121	15.8	98	0.00
48	P	4-Nitrophenol	50.000	42.547	14.9	97	0.00
49	T	Dibenzofuran	50.000	44.700	10.6	99	0.00
50	T	2,4-Dinitrotoluene	50.000	47.704	4.6	98	0.00
51	T	Diethylphthalate	50.000	45.813	8.4	98	0.00
52	T	Fluorene	50.000	45.753	8.5	100	0.00
53	T	4-Chlorophenyl-phenylether	50.000	44.456	11.1	97	0.00
[illegible]	T	4-Nitroaniline	50.000	47.591	4.8	96	0.00
[illegible]	T	4,6-Dinitro-2-methylphenol	50.000	44.307	11.4	96	0.00
56	C	N-Nitrosodiphenylamine	50.000	43.694	12.6	95	0.00
57	T	Azobenzene	50.000	42.605	14.8	89	0.00
58	S	2,4,6-Tribromophenol	50.000	0.000	100.0#	0	-8.31#
59	I	Phenanthrene-d10	40.000	40.000	0.0	111	0.00
60	T	4-Bromophenyl-phenylether	50.000	47.842	4.3	104	0.00
61	T	Hexachlorobenzene	50.000	45.903	8.2	101	0.00
62	C	Pentachlorophenol	50.000	48.767	2.5	100	0.00
63	T	Phenanthrene	50.000	45.212	9.6	98	0.00
64	T	Anthracene	50.000	44.760	10.5	96	0.00
65	T	Carbazole	50.000	44.770	10.5	96	0.00
66	T	Di-n-butylphthalate	50.000	46.597	6.8	99	0.00
67	C	Fluoranthene	50.000	45.994	8.0	98	0.00
68	I	Chrysene-d12	40.000	40.000	0.0	108	0.00
69	T	Benzidine	-1.000	0.000	0.0	0	0.00
70	T	Pyrene	50.000	46.264	7.5	98	0.00
71	S	Terphenyl-d14	50.000	0.000	100.0#	0	-11.57#
72	T	Butylbenzylphthalate	50.000	45.453	9.1	96	0.00
73	T	3,3'-Dichlorobenzidine	50.000	44.791	10.4	95	0.00
74	T	Benzo(a)anthracene	50.000	46.706	6.6	96	0.00
75	T	Chrysene	50.000	43.415	13.2	95	0.00
76	T	bis(2-Ethylhexyl)phthalate	50.000	44.687	10.6	98	0.00
	I	Perylene-d12	40.000	40.000	0.0	104	0.00

(#) = Out of Range

8-31-06

3022

Data File : C:\HPCHEM\1\DATA\06H29\RHX227.D
Acq On : 29 Aug 06 15:52
Sample : ISV42H29 1
Misc : 2ND SOURCE-50 PPM
MS Integration Params: RTEINT.P

Vial: 12
Operator: SG
Inst : TO42
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\SV42H29.M (RTE Integrator)
Title : METHOD 8270C
Last Update : Wed Aug 30 16:06:04 2006
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
78	C	Di-n-octylphthalate	50.000	44.007	12.0	97	0.00
79	T	Benzo(b)fluoranthene	50.000	42.647	14.7	91	0.00
80	T	Benzo(k)fluoranthene	50.000	46.474	7.1	92	0.00
81	C	Benzo(a)pyrene	50.000	44.503	11.0	90	0.00
82	T	Indeno(1,2,3-cd)pyrene	50.000	44.705	10.6	88	0.00
83	T	Dibenzo(a,h)anthracene	50.000	44.956	10.1	89	0.00
84	T	Benzo(g,h,i)perylene	50.000	44.237	11.5	87	0.00

8 31-06

(#) = Out of Range SPCC's out = 0 CCC's out = 0

DAILY CALIBRATION

5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RJX047
Instrument ID: T-042

Project: LMC BEAUMONT SITE 2
SDG No.: 06J067
DFTPP Injection Date: 10/12/06
DFTPP Injection Time: 13:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	48.20
68	Less than 2% of mass 69	0.00(0.0)1
69	Relative abundance of mass 198	58.90
70	Less than 2.0% of mass 69	0.28(0.5)1
127	40.0 - 60.0% of mass 198	42.60
197	Less than 1.0% of mass 198	0.00
198	Base Peak, 100% relative abundance	100.00
199	5.0 - 9.0% of mass 198	7.25
275	10.0 - 30.0% of mass 198	23.24
365	Greater than 1.00% of mass 198	2.49
441	Present, but less than mass 443	10.72
442	Greater than 40.0% of mass 198	67.53
443	17.0 - 23.0% of mass 442	14.19(21.0)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
1	SSTD050	CSV42H2915	RJX048	10/12/06	14:33
2	MBLK1W	SVJ015WB	RJX056	10/12/06	18:30
3	LCS1W	SVJ015WL	RJX057	10/12/06	18:55
4	LCD1W	SVJ015WC	RJX058	10/12/06	19:20
5	LEB-100506-B	J067-02	RJX061	10/12/06	20:36
6	TT-MW2-11	J067-03	RJX062	10/12/06	21:01
7	TT-MW2-12	J067-05	RJX063	10/12/06	21:26

FORM V SV OLM02.0

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RHX222
Instrument ID: T-042

Project: LMC BEAUMONT SITE 2
SDG No.: 06J067
Date Analyzed: 08/29/06
Time Analyzed: 13:45

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	247924	3.53	834447	4.95	462554	7.22
UPPER LIMIT	495848	4.03	1668894	5.45	925108	7.72
LOWER LIMIT	123962	3.03	417224	4.45	231277	6.72
SAMPLE ID						
1 SSTD050	243822	3.53	862258	4.94	495050	7.22
2 MBLK1W	267817	3.53	926931	4.94	546018	7.22
3 LCS1W	235702	3.53	818166	4.94	477244	7.22
4 LCD1W	254432	3.53	879933	4.94	509075	7.22
5 LEB-100506-B	246872	3.53	847543	4.94	497977	7.22
6 TT-MW2-11	282233	3.53	972498	4.94	567455	7.22
7 TT-MW2-12	245688	3.53	819176	4.94	458612	7.22

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal satndard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII SV-1

OLM02.0

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RHX222
Instrument ID: T-042

Project: LMC BEAUMONT SITE 2
SDG No.: 06J067
Date Analyzed: 08/29/06
Time Analyzed: 13:45

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	703111	9.28	549110	12.77	354573	14.50
	UPPER LIMIT	1406222	9.78	1098220	13.27	709146	15.00
	LOWER LIMIT	351556	8.78	274555	12.27	177287	14.00
	SAMPLE ID						
1	SSTD050	800242	9.28	609950	12.77	387746	14.50
2	MBLK1W	850791	9.27	649889	12.76	494432	14.51
3	LCS1W	695821	9.27	443607	12.77	297540	14.50
4	LCD1W	764240	9.27	496927	12.78	353099	14.51
5	LEB-100506-8	758543	9.27	521217	12.75	354588	14.50
6	TT-MW2-11	853912	9.27	636904	12.76	463232	14.49
7	TT-MW2-12	679959	9.27	442170	12.75	286401	14.50

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal satndard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk
* Values outside of QC limits.

FORM VIII SV-2

OLM02.0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\06J12\RJX048.D
Acq On : 12 Oct 06 14:33
Sample : CSV42H2915
Misc :
MS Integration Params: RTEINT.P

Vial: 3
Operator: SG
Inst : TO42
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\SV42H29.M (RTE Integrator)
Title : METHOD 8270C
Last Update : Wed Aug 30 16:06:04 2006
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	40.000	40.000	0.0	98	0.00
2	T	N-Nitrosodimethylamine	50.000	49.787	0.4	96	0.00
3	T	Pyridine	50.000	50.467	-0.9	97	0.02
4	S	2-Fluorophenol	50.000	50.749	-1.5	96	0.00
5	C	Phenol	50.000	50.936	-1.9	95	0.00
6	T	Aniline	50.000	50.642	-1.3	97	0.00
7	T	Bis(2-chloroethyl)ether	50.000	53.946	-7.9	104	0.00
8	S	Phenol-d5	50.000	51.920	-3.8	100	0.00
9	T	2-Chlorophenol	50.000	53.417	-6.8	102	0.00
10	T	1,3-Dichlorobenzene	50.000	49.828	0.3	95	0.00
11	C	1,4-Dichlorobenzene	50.000	49.938	0.1	96	0.00
12	T	Benzyl alcohol	50.000	56.174	-12.3	103	0.00
13	S	1,2-Dichlorobenzene-d4	50.000	50.699	-1.4	95	0.00
14	T	1,2-Dichlorobenzene	50.000	51.249	-2.5	96	0.00
	T	2-Methylphenol	50.000	54.245	-8.5	102	0.00
	T	Bis(2-chloroisopropyl)ether	50.000	53.181	-6.4	103	0.00
17	T	4-Methylphenol	50.000	52.745	-5.5	100	0.00
18	P	N-Nitroso-di-n-propylamine	50.000	54.110	-8.2	98	0.00
19	T	Hexachloroethane	50.000	49.388	1.2	93	0.00
20	I	Naphthalene-d8	40.000	40.000	0.0	103	0.00
21	S	Nitrobenzene-d5	50.000	51.791	-3.6	101	0.00
22	T	Nitrobenzene	50.000	49.360	1.3	98	0.00
23	T	Isophorone	50.000	51.531	-3.1	103	0.00
24	C	2-Nitrophenol	50.000	54.005	-8.0	104	0.00
25	T	2,4-Dimethylphenol	50.000	51.779	-3.6	101	0.00
26	T	bis(2-Chloroethoxy)methane	50.000	50.616	-1.2	102	0.00
27	T	Benzoic Acid	50.000	48.694	2.6	101	0.00
28	C	2,4-Dichlorophenol	50.000	54.230	-8.5	107	0.00
29	T	1,2,4-Trichlorobenzene	50.000	50.744	-1.5	103	0.00
30	T	Naphthalene	50.000	51.400	-2.8	105	0.00
31	T	4-Chloroaniline	50.000	54.575	-9.2	106	0.00
32	C	Hexachlorobutadiene	50.000	47.583	4.8	97	0.00
33	C	4-Chloro-3-methylphenol	50.000	55.986	-12.0	108	0.00
34	T	2-Methylnaphthalene	50.000	54.043	-8.1	107	0.00
35	I	Acenaphthene-d10	40.000	40.000	0.0	107	0.00
36	P	Hexachlorocyclopentadiene	50.000	44.368	11.3	87	0.00
37	C	2,4,6-Trichlorophenol	50.000	49.019	2.0	103	0.00
38	T	2,4,5-Trichlorophenol	50.000	53.960	-7.9	110	0.00
	S	2-Fluorobiphenyl	50.000	49.700	0.6	104	0.00

(#) = Out of Range

3028

Data File : C:\HPCHEM\1\DATA\06J12\RJX048.D
Acq On : 12 Oct 06 14:33
Sample : CSV42H2915
Misc :
MS Integration Params: RTEINT.P

Vial: 3
Operator: SG
Inst : TO42
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\SV42H29.M (RTE Integrator)
Title : METHOD 8270C
Last Update : Wed Aug 30 16:06:04 2006
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
40	T	2-Chloronaphthalene	50.000	49.845	0.3	105	0.00
41	T	2-Nitroaniline	50.000	50.595	-1.2	110	0.00
42	T	Dimethylphthalate	50.000	51.107	-2.2	107	0.00
43	T	2,6-Dinitrotoluene	50.000	52.829	-5.7	108	0.00
44	T	Acenaphthylene	50.000	52.065	-4.1	109	0.00
45	T	3-Nitroaniline	50.000	58.448	-16.9	114	0.00
46	C	Acenaphthene	50.000	53.030	-6.1	111	0.00
47	P	2,4-Dinitrophenol	50.000	43.883	12.2	99	0.00
48	P	4-Nitrophenol	50.000	45.468	9.1	100	0.00
49	T	Dibenzofuran	50.000	52.965	-5.9	113	0.00
50	T	2,4-Dinitrotoluene	50.000	57.134	-14.3	114	0.00
51	T	Diethylphthalate	50.000	53.467	-6.9	111	0.00
52	T	Fluorene	50.000	54.636	-9.3	115	0.00
53	T	4-Chlorophenyl-phenylether	50.000	54.087	-8.2	114	0.00
54	T	4-Nitroaniline	50.000	63.454	-26.9#	125	0.00
55	T	4,6-Dinitro-2-methylphenol	50.000	49.794	0.4	106	0.00
56	C	N-Nitrosodiphenylamine	50.000	55.771	-11.5	118	0.00
57	T	Azobenzene	50.000	53.696	-7.4	108	0.00
58	S	2,4,6-Tribromophenol	50.000	51.218	-2.4	109	0.00
59	I	Phenanthrene-d10	40.000	40.000	0.0	114	0.00
60	T	4-Bromophenyl-phenylether	50.000	50.893	-1.8	113	0.00
61	T	Hexachlorobenzene	50.000	48.209	3.6	109	0.00
62	C	Pentachlorophenol	50.000	52.066	-4.1	109	0.00
63	T	Phenanthrene	50.000	52.351	-4.7	116	0.00
64	T	Anthracene	50.000	52.575	-5.2	116	0.00
65	T	Carbazole	50.000	58.785	-17.6	129	0.00
66	T	Di-n-butylphthalate	50.000	54.180	-8.4	119	0.00
67	C	Fluoranthene	50.000	54.021	-8.0	118	0.00
68	I	Chrysene-d12	40.000	40.000	0.0	111	0.00
69	T	Benzidine	-1.000	0.000	0.0	0	0.00
70	T	Pyrene	50.000	54.177	-8.4	117	0.00
71	S	Terphenyl-d14	50.000	52.845	-5.7	114	-0.01
72	T	Butylbenzylphthalate	50.000	53.572	-7.1	117	0.00
73	T	3,3'-Dichlorobenzidine	50.000	57.568	-15.1	128	0.00
74	T	Benzo(a)anthracene	50.000	52.939	-5.9	112	0.00
75	T	Chrysene	50.000	51.102	-2.2	115	0.00
76	T	bis(2-Ethylhexyl)phthalate	50.000	56.198	-12.4	129	0.00
77	I	Perylene-d12	40.000	40.000	0.0	109	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\06J12\RJX048.D
Acq On : 12 Oct 06 14:33
Sample : CSV42H2915
Misc :
MS Integration Params: RTEINT.P

Vial: 3
Operator: SG
Inst : TO42
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\SV42H29.M (RTE Integrator)
Title : METHOD 8270C
Last Update : Wed Aug 30 16:06:04 2006
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
78	C	Di-n-octylphthalate	50.000	58.573	-17.1	143	-0.01
79	T	Benzo(b)fluoranthene	50.000	56.711	-13.4	129	0.00
80	T	Benzo(k)fluoranthene	50.000	44.461	11.1	93	0.00
81	C	Benzo(a)pyrene	50.000	51.036	-2.1	109	0.00
82	T	Indeno(1,2,3-cd)pyrene	50.000	48.574	2.9	101	0.00
83	T	Dibenzo(a,h)anthracene	50.000	50.458	-0.9	106	0.00
84	T	Benzo(g,h,i)perylene	50.000	47.312	5.4	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\06J12\RJX048.D
Acq On : 12 Oct 06 14:33
Sample : CSV42H2915
Misc :
MS Integration Params: RTEINT.P

Vial: 3
Operator: SG
Inst : TO42
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\SV42H29.M (RTE Integrator)
Title : METHOD 8270C
Last Update : Wed Aug 30 16:06:04 2006
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
2	T	N-Nitrosodimethylamine	0.873	0.869	0.5	96	0.00
3	T	Pyridine	1.445	1.458	-0.9	97	0.02
4	S	2-Fluorophenol	1.273	1.292	-1.5	96	0.00
5	C	Phenol	1.676	1.708	-1.9	95	0.00
6	T	Aniline	1.717	1.739	-1.3	97	0.00
7	T	Bis(2-chloroethyl)ether	1.309	1.413	-7.9	104	0.00
8	S	Phenol-d5	1.603	1.664	-3.8	100	0.00
9	T	2-Chlorophenol	1.306	1.395	-6.8	102	0.00
10	T	1,3-Dichlorobenzene	1.486	1.481	0.3	95	0.00
11	C	1,4-Dichlorobenzene	1.468	1.466	0.1	96	0.00
12	T	Benzyl alcohol	0.812	0.912	-12.3	103	0.00
13	S	1,2-Dichlorobenzene-d4	0.899	0.912	-1.4	95	0.00
14	T	1,2-Dichlorobenzene	1.336	1.369	-2.5	96	0.00
15	T	2-Methylphenol	1.042	1.130	-8.4	102	0.00
16	T	Bis(2-chloroisopropyl)ether	2.271	2.415	-6.3	103	0.00
17	T	4-Methylphenol	1.524	1.608	-5.5	100	0.00
18	P	N-Nitroso-di-n-propylamine	1.010	1.093	-8.2	98	0.00
19	T	Hexachloroethane	0.659	0.651	1.2	93	0.00
20	I	Naphthalene-d8	1.000	1.000	0.0	103	0.00
21	S	Nitrobenzene-d5	0.412	0.427	-3.6	101	0.00
22	T	Nitrobenzene	0.437	0.431	1.4	98	0.00
23	T	Isophorone	0.741	0.763	-3.0	103	0.00
24	C	2-Nitrophenol	0.226	0.244	-8.0	104	0.00
25	T	2,4-Dimethylphenol	0.316	0.327	-3.5	101	0.00
26	T	bis(2-Chloroethoxy)methane	0.458	0.463	-1.1	102	0.00
27	T	Benzoic Acid	0.199	0.227	-14.1	101	0.00
28	C	2,4-Dichlorophenol	0.328	0.356	-8.5	107	0.00
29	T	1,2,4-Trichlorobenzene	0.357	0.363	-1.7	103	0.00
30	T	Naphthalene	0.997	1.025	-2.8	105	0.00
31	T	4-Chloroaniline	0.426	0.465	-9.2	106	0.00
32	C	Hexachlorobutadiene	0.231	0.219	5.2	97	0.00
33	C	4-Chloro-3-methylphenol	0.364	0.408	-12.1	108	0.00
34	T	2-Methylnaphthalene	0.669	0.723	-8.1	107	0.00
35	I	Acenaphthene-d10	1.000	1.000	0.0	107	0.00
36	P	Hexachlorocyclopentadiene	0.304	0.270	11.2	87	0.00
37	C	2,4,6-Trichlorophenol	0.473	0.464	1.9	103	0.00
38	T	2,4,5-Trichlorophenol	0.475	0.512	-7.8	110	0.00
39	S	2-Fluorobiphenyl	1.322	1.314	0.6	104	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\06J12\RJX048.D
Acq On : 12 Oct 06 14:33
Sample : CSV42H2915
Misc :
MS Integration Params: RTEINT.P

Vial: 3
Operator: SG
Inst : TO42
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\SV42H29.M (RTE Integrator)
Title : METHOD 8270C
Last Update : Wed Aug 30 16:06:04 2006
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	T	2-Chloronaphthalene	1.170	1.167	0.3	105	0.00
41	T	2-Nitroaniline	0.475	0.522	-9.9	110	0.00
42	T	Dimethylphthalate	1.457	1.490	-2.3	107	0.00
43	T	2,6-Dinitrotoluene	0.337	0.384	-13.9	108	0.00
44	T	Acenaphthylene	1.767	1.840	-4.1	109	0.00
45	T	3-Nitroaniline	0.355	0.415	-16.9	114	0.00
46	C	Acenaphthene	1.080	1.145	-6.0	111	0.00
47	P	2,4-Dinitrophenol	0.198	0.211	-6.6	99	0.00
48	P	4-Nitrophenol	0.226	0.226	0.0	100	0.00
49	T	Dibenzofuran	1.644	1.742	-6.0	113	0.00
50	T	2,4-Dinitrotoluene	0.463	0.529	-14.3	114	0.00
51	T	Diethylphthalate	1.406	1.503	-6.9	111	0.00
52	T	Fluorene	1.273	1.391	-9.3	115	0.00
53	T	4-Chlorophenyl-phenylether	0.667	0.722	-8.2	114	0.00
[illegible]	T	4-Nitroaniline	0.349	0.443	-26.9#	125	0.00
[illegible]	T	4,6-Dinitro-2-methylphenol	0.285	0.320	-12.3	106	0.00
56	C	N-Nitrosodiphenylamine	0.885	0.987	-11.5	118	0.00
57	T	Azobenzene	1.601	1.720	-7.4	108	0.00
58	S	2,4,6-Tribromophenol	0.290	0.297	-2.4	109	0.00
59	I	Phenanthrene-d10	1.000	1.000	0.0	114	0.00
60	T	4-Bromophenyl-phenylether	0.275	0.280	-1.8	113	0.00
61	T	Hexachlorobenzene	0.344	0.331	3.8	109	0.00
62	C	Pentachlorophenol	0.255	0.265	-3.9	109	0.00
63	T	Phenanthrene	1.164	1.219	-4.7	116	0.00
64	T	Anthracene	1.144	1.203	-5.2	116	0.00
65	T	Carbazole	1.001	1.176	-17.5	129	0.00
66	T	Di-n-butylphthalate	1.334	1.445	-8.3	119	0.00
67	C	Fluoranthene	1.153	1.246	-8.1	118	0.00
68	I	Chrysene-d12	1.000	1.000	0.0	111	0.00
69	T	Benzidine	0.000	0.000#	0.0	0#	0.00
70	T	Pyrene	1.493	1.618	-8.4	117	0.00
71	S	Terphenyl-d14	0.900	0.951	-5.7	114	-0.01
72	T	Butylbenzylphthalate	0.600	0.709	-18.2	117	0.00
73	T	3,3'-Dichlorobenzidine	0.301	0.402	-33.6#	128	0.00
74	T	Benzo(a)anthracene	1.034	1.095	-5.9	112	0.00
75	T	Chrysene	1.112	1.136	-2.2	115	0.00
76	T	bis(2-Ethylhexyl)phthalate	0.663	0.857	-29.3#	129	0.00
[illegible]	I	Perylene-d12	1.000	1.000	0.0	109	0.00

(#) = Out of Range

Data File : C:\HPCHEM\1\DATA\06J12\RJX048.D
Acq On : 12 Oct 06 14:33
Sample : CSV42H2915
Misc :
MS Integration Params: RTEINT.P

Vial: 3
Operator: SG
Inst : TO42
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\SV42H29.M (RTE Integrator)
Title : METHOD 8270C
Last Update : Wed Aug 30 16:06:04 2006
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
78	C	Di-n-octylphthalate	1.563	2.061	-31.9#	143	-0.01
79	T	Benzo(b)fluoranthene	1.336	1.638	-22.6	129	0.00
80	T	Benzo(k)fluoranthene	1.497	1.331	11.1	93	0.00
81	C	Benzo(a)pyrene	1.355	1.383	-2.1	109	0.00
82	T	Indeno(1,2,3-cd)pyrene	1.138	1.176	-3.3	101	0.00
83	T	Dibenzo(a,h)anthracene	0.885	0.966	-9.2	106	0.00
84	T	Benzo(g,h,i)perylene	0.960	0.908	5.4	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

ANALYTICAL LOGS

ANALYSIS RUN LOG FOR SEMIVOLATILES

SOP ☒ EMAX-8270 Rev. No. 2 ☐ EMAX-8270SIM Rev. No. 0 ☐ EMAX-CLPSVOA ☐ EMAX-M8270SIM Rev. No. 1 ☐ Book #A42- 012

Method File: SV42H29 Tune File: DFTPP Start Date/Time: 8/29/06 11:24 End Date/Time: 8/29/06 19:41

Preparative Batch	Data File Name	Run ID	DF	Matrix S	Matrix W	Notes
	RHX 216	IB42H2901				
	217	DFT42H2901				
NA	218	SV42H29 1	NA			5ppm, 8270c
	219	2				10ppm
	220	3				20ppm
	221	4				40ppm
	222	5				50ppm
	223	6				80ppm
	224	7				100ppm
	225	8				120ppm
	226	9				160ppm
	227	TSV42H29 1				2nd source-50ppm (ok)
	228	TSV42H29 2				1 — our record
NA	RHX 229	SV42H29A 1	NA			5ppm benzidine
	230	2				10ppm
	231	3				50ppm
	232	4				100ppm
	233	5				120ppm
	234	6				160ppm
	235	*TSV42H29A 1				2nd source-50ppm
	✓ 236	TSV42H29A 2				2nd source-50ppm (ok)

Su
8/29/06

ANALYTICAL BATCH SV42H29

Instrument No:	42

INITIAL CALIBRATION REFERENCE

Date	8/29/06
ICAL ID	SV42H29 8270 — SV42H29A benzidine

Standards

Name	ID	Conc. (mg/L)
DFTPP	SS2B-04-41-3	50
DCC	SS2C-04-95-2	50
INT. STD.	SS2B-04-41-2	2000
ICV	SS2C-04-94-3	50

Solvent	ID
CH_2Cl_2	46110

DATA FILE	06H29

Electronic Data Archival

Location	Date
HPCHEM_SVOA/T042	

Comments:

Benzidine, DCC, (SS2C-04-95-3) 50ppm
Benzidine, ICV, (SS2C-04-96-1) 50ppm

* in TSV42H29A1, poor recovery due to poor injection. Reanalyze on TSV42H29A2 is ok

Analyzed By: Su
Date Disposed: NA
Disposed by: NA

This page is checked during data review.

EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

ANALYSIS RUN LOG FOR SEMIVOLATILES

SOP ☒ EMAX-8270 Rev. No. 2 ☐ EMAX-8270SIM Rev. No. 0 ☐ EMAX-CLPSVOA ☐ EMAX-M8270SIM Rev. No. 1 ☐

Book #A42- 012

Method File: SV42 1bq Tune File: DFTPP

Start Date/Time: 10/12/06 13:41 End Date/Time: 10/12/06 21:51

Preparative Batch	Data File Name	Run ID	DF	Matrix S	Matrix W	Notes
	RTX 046	IB42H29 15				
	047	DFT42H29 15				
	048	CSV42H29 15				
	049	CSV42H29A 15				
	050	10ppm, 8270, DCC				
	051	10ppm, benzidine, DCC				
SVJ0195	052	SVJ019 SB	NA	X		
	053	SL				
	054	Mdl verif - 13				3550B - 5ppm/20 ppm*
	055	Mdl verif - 14				3550B - 10ppm/40 ppm
SVJ015W	056	SVJ015WB	NA		X	
	057	WL				
	058	WC				
	059	06J069-01				CCC
	060	06J046-02				
	061	06J067-02				
	062	-03				
	063	-05				
	064	06J072-01				

SU

10/12/06

Instrument No:	42

INITIAL CALIBRATION REFERENCE	
Date	8/29/06
ICAL ID	SV42H29-SV42H29A

Standards		
Name	ID	Conc. (mg/L)
DFTPP	SS2B-04-41-3	50
DCC	SS2C-04-95-2	50
INT. STD.	SS2B-04-41-2	2000
benzidine	SS2C-04-95-3	50

Solvent	ID	
CH_2Cl_2	46110	

DATA FILE	06J12

Electronic Data Archival	
Location	Date
HPCHEM_SVOA/T042	

Comments:

* conc. for benzoic acid / benzidine / pyridine

Analyzed By: SU

Date Disposed: 10/13/06

Disposed by: SU

This page is checked during data review.

MAXI LABORATORIES, INC. 1835 W. 22nd St. Tucson, CA 95201

ANALYTICAL BATCH CSV42H29 15

3656

EXTRACTION LOGS

EXTRACTION LOG FOR SEMIVOLATILES

SOP ☐ EMAX-3540 Rev. No.: 0 ☐ EMAX-3510 Rev. No.: 1 ☐ EMAX-3550 Rev. No.: 1 ☐ EMAX-3520 Rev. No.: 2 ☐ EMAX-CLP-SVOA ☐ Book# ESV-032

Matrix: WATER Init.Start Date/Time: 10/9/06 15:30 End Date/Time: 10/10/06 9:30 Final Start Date/Time: 10/10/06 11:30 End Date/Time: 10/11/06 5:30

PREPARATION BATCH: * SVJ046W 15 10/11/06

Sample Prep ID	Lab Sample ID	Sonicator Number	Sample Amount (g/ml)	pH	Extract Volume (ml)	Clean-up [G] [F] [A] [C]	Notes
*01	SWJ046 - WB	N/A	1000	-	1		
*02	- WL		1000	-	1		
*03	- WC		1000	-	1		
*04	06J069 - 01		1000	-	1		ARROWHEAD QC H2O (SWIA-03-400)
*05	06J043 - 24		940	7	1		yellow soln.
*06	06J046 - 02		1060	7	1		
*07	06J067 - 02		990	6	1		
*08	- 03		970	6	1		
*09	- 05		300	9	1		sample was centrifuged and clear soln added
*10	06J072 - 01		1050	6	1		
*11							
*12	10/11/06 JM						
*13							
*14							
*15							
*16							
*17							
*18							
*19							
*20							
*21							
*22							
*23							
*24							
*25							
*26							
*27							
*28							

Standards	ID	Amount Added (ml)
Surrogate	SJ2B-04-40-3	1.0
LCS/MS FULL LIST	SJ2B-04-42-2	0.4

Reagent	Lot# / ID
CH_2Cl_2	46110
Na_2SO_4	45045
H_2SO_4	45318
NaOH	SPIB-01-351
Silica Sand	—

TUNING

Sonicator #	Reading
	N/A

Concentrator	Water Bath Temperature Setting (°C)	Thermometer Reading (°C)
1	35	35
2	35	35
3		
4		
5		
6		

Comments: Thermometer ID = T_1

Prepared By: JM Witnessed By: SS

Standard Added By: JM

Checked By: ML

Extract Received by: SA 10/11/06 Location: SE03-4A

Disposed by: Disposed on:

Clean-up Legend :[G]=GPC [A]=Acid [F]=Florisil [S]=Silica

EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

LABORATORY REPORT FOR

TETRA TECH, INC.

LMC BEAUMONT SITE 2

METHOD 8330
EXPLOSIVES

SDG#: 06J067

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J067

METHOD 8330
EXPLOSIVES

Three (3) water samples were received on 10/06/06 for Explosives analysis by Method 8330 in accordance with USEPA-SW846 3rd edition, and EMAX-8330.

1. Holding Time

Analytical holding time was met. Extraction was started and completed on 10/11/06.

2. Calibration

Initial calibration was 5 point. %RSDs were within 20%. All continuing calibrations of the primary column were carried out within 12-hour intervals and the recoveries were within 85-115%.

3. Method Blank

Method blank was free of contamination at the reporting limit.

4. Surrogate recovery

All surrogate recoveries were within QC limits.

5. Lab Control Sample / Lab Control Sample Duplicate

All recoveries were within QC limits.

6. Matrix Spike/Matrix Spike Duplicate

No MS/MSD sample was designated in this SDG.

7. Sample Analysis

Sample analyses were within QC requirements. Quantitation is from the primary column. All positive results above RL were confirmed by Phenyl-Hexyl column and the confirmation is presumptive because it was based on retention time window.

LAB CHRONICLE
EXPLOSIVES

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2

SDG NO. : 06J067
Instrument ID : T081

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	EXJ001WB	1	NA	10/16/0612:10	10/11/0611:00	XJ16003A	XJ16002A	EXJ001W	Method Blank
LCS1W	EXJ001WL	1	NA	10/16/0612:38	10/11/0611:00	XJ16004A	XJ16002A	EXJ001W	Lab Control Sample (LCS)
LCD1W	EXJ001WC	1	NA	10/16/0613:06	10/11/0611:00	XJ16005A	XJ16002A	EXJ001W	LCS Duplicate
LEB-100506-B	J067-02	1	NA	10/16/0613:34	10/11/0611:00	XJ16006A	XJ16002A	EXJ001W	Field Sample
TT-MW2-11	J067-03	1	NA	10/16/0614:02	10/11/0611:00	XJ16007A	XJ16002A	EXJ001W	Field Sample
TT-MW2-12	J067-05	1	NA	10/16/0614:29	10/11/0611:00	XJ16008A	XJ16002A	EXJ001W	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 8330
EXPLOSIVES

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Run No.	: 06J067	Date Extracted:	10/11/06 11:00
Sample ID:	LEB-100506-B	Date Analyzed:	10/16/06 13:34
Lab Samp ID:	J067-02	Dilution Factor:	1
Lab File ID:	XJ16006A	Matrix :	WATER
Ext Btch ID:	EXJ001W	% Moisture :	NA
Calib. Ref.:	XJ16002A	Instrument ID :	T-081

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
RDX	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
3,4-DINITROTOLUENE	91	70-130

Note: All positive results are confirmed by Phenyl-Hexyl column

METHOD 8330
EXPLOSIVES

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/11/06 11:00
Sample ID:	TT-MW2-11	Date Analyzed:	10/16/06 14:02
Lab Samp ID:	J067-03	Dilution Factor:	1
Lab File ID:	XJ16007A	Matrix :	WATER
Ext Btch ID:	EXJ001W	% Moisture :	NA
Calib. Ref.:	XJ16002A	Instrument ID :	T-081

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
RDX	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
3,4-DINITROTOLUENE	100	70-130

Note: All positive results are confirmed by Phenyl-Hexyl column

METHOD 8330
EXPLOSIVES

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
Batch No.	: 06J067	Date Extracted:	10/11/06 11:00
Sample ID:	TT-MW2-12	Date Analyzed:	10/16/06 14:29
Lab Samp ID:	J067-05	Dilution Factor:	1
Lab File ID:	XJ16008A	Matrix :	WATER
Ext Btch ID:	EXJ001W	% Moisture :	NA
Calib. Ref.:	XJ16002A	Instrument ID :	T-081

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
RDX	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
3,4-DINITROTOLUENE	70	70-130

Note: All positive results are confirmed by Phenyl-Hexyl column

QC SUMMARIES

METHOD 8330
EXPLOSIVES

Client	: TETRA TECH, INC.	Date Collected:	NA
[illegible]ct	: LMC BEAUMONT SITE 2	Date Received:	10/11/06
[illegible] No.	: 06J067	Date Extracted:	10/11/06 11:00
Sample ID:	MBLK1W	Date Analyzed:	10/16/06 12:10
Lab Samp ID:	EXJ001WB	Dilution Factor:	1
Lab File ID:	XJ16003A	Matrix :	WATER
Ext Btch ID:	EXJ001W	% Moisture :	NA
Calib. Ref.:	XJ16002A	Instrument ID :	T-081

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
RDX	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
3,4-DINITROTOLUENE	98	70-130

Note: All positive results are confirmed by Phenyl-Hexyl column

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 8330

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	EXJ001WB	EXJ001WL	EXJ001WC		
LAB FILE ID:	XJ16003A	XJ16004A	XJ16005A		
DATE EXTRACTED:	10/11/0611:00	10/11/0611:00	10/11/0611:00	DATE COLLECTED:	NA
DATE ANALYZED:	10/16/0612:10	10/16/0612:38	10/16/0613:06	DATE RECEIVED:	10/11/06
PREP. BATCH:	EXJ001W	EXJ001W	EXJ001W		
CALIB. REF:	XJ16002A	XJ16002A	XJ16002A		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
RDX	ND	4.00	2.81	70	4.00	3.18	79	12	60-130	30

SURROGATE PARAMETER	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	QC LIMIT (%)
3,4-Dinitrotoluene	4.00	3.50	88	4.00	3.63	91	70-130

INITIAL CALIBRATION

INITIAL CALIBRATION
METHOD 8330

Lab Name : EMAX Inc
Instrument ID : HPLC1 81
GC Column : VARIAN C18
Column size ID : 25CMX4.6MM
LFID & Datetime: XD19002A 04/19/06 11:56
LFID & Datetime: XD19003A 04/19/06 12:24
LFID & Datetime: XD19004A 04/19/06 12:52
LFID & Datetime: XD19005A 04/19/06 13:20
LFID & Datetime: XD19006A 04/19/06 13:48
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS (AREA or HEIGHT)/UNIT 1.00X	5.00X	10.00X	20.00X	40.00X	MEAN	%RSD
HMX	20.00	76.85	70.99	72.33	70.79	69.21	72.03	4.0
RDX	20.00	77.10	78.62	86.62	87.66	87.85	83.57	6.3
1,3,5-TNB	20.00	202.45	205.53	208.32	206.63	203.84	205.35	1.1
1,3-DNB	20.00	299.90	289.67	293.36	287.78	286.66	291.47	1.8
Tetryl	20.00	163.15	161.18	168.10	164.06	164.46	164.19	1.5
Nitrobenzene	20.00	205.80	208.94	206.69	202.78	205.73	205.99	1.1
2,4,6-TNT	20.00	214.50	208.11	203.74	201.70	198.68	205.35	3.0
4-AM-2,6-DNT	20.00	143.50	144.26	145.62	139.76	143.65	143.36	1.5
2-AM-4,6-DNT	20.00	219.30	217.40	215.37	214.40	217.90	216.87	0.9
2,6-DNT	20.00	123.45	130.03	125.69	122.05	126.53	125.55	2.4
2,4-DNT	20.00	265.80	279.12	276.90	272.06	278.40	274.46	2.0
2-Nitrotoluene	20.00	124.85	127.17	126.79	124.63	126.85	126.06	1.0
4-Nitrotoluene	20.00	110.95	112.54	114.44	111.87	115.54	113.07	1.7
3-Nitrotoluene	20.00	141.65	140.80	141.17	143.63	144.11	142.27	1.1
SURROGATE	**X**	**1.00X**	**5.00X**	**10.00X**	**20.00X**	**40.00X**	**MEAN**	**%RSD**
3,4-Dinitrotoluene	20.00	123.80	124.84	126.95	122.84	125.48	124.78	1.3

EX81D19.MET

AS 04/26/06

INITIAL CALIBRATION
METHOD 8330

Lab Name : EMAX Inc
Instrument ID : HPLC1 81
GC Column : VARIAN C18
Column size ID : 25CMX4.6MM
LFID & Datetime: XD19002A 04/19/06 11:56
LFID & Datetime: XD19003A 04/19/06 12:24
LFID & Datetime: XD19004A 04/19/06 12:52
LFID & Datetime: XD19005A 04/19/06 13:20
LFID & Datetime: XD19006A 04/19/06 13:48

COMPOUND	RT OF STANDARDS (MIN) 1.0X	5.0X	10.0X	20.0X	40.0X	MEAN RT	RT WINDOW FROM	TO	RTWINDOW WIDTH
HMX	4.300	4.300	4.283	4.283	4.275	4.288	4.238	4.338	0.050
RDX	6.367	6.358	6.308	6.300	6.283	6.323	6.185	6.461	0.138
1,3,5-TNB	8.633	8.617	8.558	8.542	8.525	8.575	8.422	8.728	0.153
1,3-DNB	10.475	10.483	10.392	10.367	10.350	10.413	10.184	10.642	0.229
Tetryl	11.158	11.183	11.083	11.042	11.017	11.097	10.809	11.385	0.288
Nitrobenzene	12.117	12.133	12.033	12.017	11.992	12.058	11.657	12.459	0.401
2,4,6-TNT	13.542	13.550	13.442	13.417	13.383	13.467	13.066	13.868	0.401
4-AM-2,6-DNT	14.042	14.050	13.892	13.850	13.808	13.928	13.423	14.433	0.505
2-AM-4,6-DNT	14.633	14.633	14.442	14.408	14.367	14.497	13.949	15.045	0.548
2,6-DNT	15.767	15.725	15.583	15.567	15.542	15.637	15.174	16.100	0.463
2,4-DNT	16.358	16.333	16.167	16.133	16.100	16.218	15.741	16.695	0.477
2-Nitrotoluene	19.458	19.458	19.275	19.258	19.225	19.335	18.744	19.926	0.591
4-Nitrotoluene	21.075	21.067	20.867	20.842	20.808	20.932	20.275	21.589	0.657
3-Nitrotoluene	22.533	22.517	22.317	22.283	22.267	22.383	21.631	23.135	0.752
SURROGATE	**1.0X**	**5.0X**	**10.0X**	**20.0X**	**40.0X**	**RT**	**FROM**	**TO**	**WIDTH**
3,4-Dinitrotoluene	12.992	12.967	12.858	12.817	12.783	12.883	12.508	13.258	0.375

EX81D19.MET

RS
04/20/06

INITIAL CALIBRATION
METHOD 8330

Lab Name : EMAX Inc
Instrument ID : HPLC1 LCT001(T017)
GC Columm : LUNA 5U PHENYL-HEXYL
Column size ID : 25CMX4.6MM
LFID & Datetime: PC08002A 03/08/06 16:24
LFID & Datetime: PC08003A 03/08/06 17:03
LFID & Datetime: PC08004A 03/08/06 17:43
LFID & Datetime: PC08005A 03/08/06 18:22
LFID & Datetime: PC08006A 03/08/06 19:02

COMPOUND	RT OF STANDARDS (MIN) 1.0X	5.0X	10.0X	20.0X	40.0X	MEAN RT	RT WINDOW FROM	TO	RTWINDOW WIDTH
HMX	6.158	6.150	6.142	6.133	6.117	6.140	6.060	6.220	0.080
RDX	8.100	8.092	8.083	8.067	8.042	8.077	7.973	8.181	0.104
Nitrobenzene	10.725	10.708	10.708	10.683	10.675	10.700	10.596	10.804	0.104
1,3-DNB	14.967	14.942	14.950	14.917	14.900	14.935	14.574	15.296	0.361
2-Nitrotoluene	15.825	15.775	15.808	15.775	15.750	15.787	15.527	16.047	0.260
4-Nitrotoluene	16.275	16.275	16.300	16.267	16.242	16.272	15.982	16.562	0.290
4-AM-2,6-DNT	17.133	17.033	17.083	17.025	17.033	17.061	16.498	17.624	0.563
3-Nitrotoluene	17.708	17.700	17.717	17.692	17.683	17.700	17.333	18.067	0.367
2-AM-4,6-DNT	18.933	18.925	18.925	18.900	18.892	18.915	18.157	19.673	0.758
1,3,5-TNB	19.742	19.642	19.683	19.650	19.667	19.677	19.064	20.290	0.613
2,6-DNT	21.225	21.158	21.183	21.142	21.158	21.173	20.449	21.897	0.724
2,4-DNT	22.408	22.375	22.392	22.350	22.392	22.383	21.586	23.180	0.797
Tetryl	30.925	30.958	30.967	30.850	30.933	30.927	29.277	32.577	1.650
2,4,6-TNT	32.267	32.167	32.175	32.075	32.167	32.170	30.827	33.513	1.343
SURROGATE	1.0X	5.0X	10.0X	20.0X	40.0X	RT	FROM	TO	WIDTH
3,4-DNT	18.275	18.250	18.258	18.208	18.217	18.242	17.709	18.775	0.533

EX17C08C.MET

LA
03/13/06

INITIAL CALIBRATION
METHOD 8330

Lab Name : EMAX Inc
Instrument ID : HPLC1 LCT001(T017)
GC Column : LUNA 5U PHENYL-HEXYL
n size ID : 25CMX4.6MM
& Datetime: PC08002A 03/08/06 16:24
LFID & Datetime: PC08003A 03/08/06 17:03
LFID & Datetime: PC08004A 03/08/06 17:43
LFID & Datetime: PC08005A 03/08/06 18:22
LFID & Datetime: PC08006A 03/08/06 19:02
CONC UNIT: ppb

COMPOUND	CONC X	CALIBRATION FACTORS 1.00X	5.00X	10.00X	20.00X	40.00X	(AREA)/UNIT MEAN	%RSD	
HMX	20.00	199.25	223.75	237.48	230.76	237.19	225.69	7.0	✓
RDX	20.00	173.50	226.73	248.27	241.27	246.88	227.33	13.8	✓
Nitrobenzene	20.00	251.35	299.79	325.07	315.49	319.00	302.14	9.9	✓
1,3-DNB	20.00	565.00	491.09	518.41	489.80	510.51	514.96	5.9	✓
2-Nitrotoluene	20.00	332.55	230.16	271.43	248.40	261.82	268.87	14.4	✓
4-Nitrotoluene	20.00	311.00	256.45	286.18	267.33	280.51	280.29	7.4	✓
4-AM-2,6-DNT	20.00	245.90	197.28	233.08	220.99	236.66	226.78	8.3	✓
3-Nitrotoluene	20.00	315.20	299.78	333.55	312.81	324.49	317.16	4.0	✓
2-AM-4,6-DNT	20.00	393.25	340.30	387.82	370.15	382.91	374.89	5.6	✓
1,3,5-TNB	20.00	364.15	302.27	348.38	328.36	340.29	336.69	6.9	✓
2,6-DNT	20.00	237.85	186.39	239.70	226.26	227.89	223.62	9.7	✓
2,4-DNT	20.00	459.90	442.63	499.26	479.18	493.72	474.94	5.0	✓
Tetryl	20.00	497.40	486.34	502.12	474.10	484.33	488.86	2.3	✓
2,4,6-TNT	20.00	568.60	532.26	558.62	529.97	538.08	545.50	3.1	✓
SURROGATE	**X**	**1.00X**	**5.00X**	**10.00X**	**20.00X**	**40.00X**	**MEAN**	**%RSD**	
3,4-DNT	20.00	251.15	212.87	254.98	239.60	244.59	240.64	6.9	✓

C08C.MET

03/13/06

501

SECOND SOURCE

INITIAL CALIBRATION VERIFICATION
METHOD 8330

Lab Name : EMAX
Instrument ID : HPLC1 81
GC Column : VARIAN C18
Column size ID : 25CMX4.6MM
Std Conc Init LFID & Datetime: XD19005A 04/19/2006 13:20
Conc Cont LFID & Datetime: XD19007A 04/19/2006 14:15
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
HMX	4.283	4.233	4.333	400.0	72.000	26993	374.72	-6		15
RDX	6.300	6.162	6.438	400.0	83.600	31524	377.22	-6		15
1,3,5-TNB	8.542	8.389	8.695	400.0	205.400	77865	379.17	-5		15
1,3-DNB	10.358	10.129	10.587	400.0	291.500	107416	368.53	-8		15
Tetryl	11.025	10.737	11.313	400.0	164.200	61630	375.35	-6		15
Nitrobenzene	12.008	11.607	12.409	400.0	206.000	77343	375.47	-6		15
2,4,6-TNT	13.392	12.991	13.793	400.0	205.300	72400	352.57	-12		15
4-AM-2,6-DNT	13.817	13.312	14.322	400.0	143.400	55589	387.77	-3		15
2-AM-4,6-DNT	14.358	13.810	14.906	400.0	216.900	76711	353.71	-12		15
2,6-DNT	15.525	15.062	15.988	400.0	125.600	46876	373.36	-7		15
2,4-DNT	16.100	15.623	16.577	400.0	274.500	102556	373.67	-7		15
2-Nitrotoluene	19.208	18.617	19.799	400.0	126.100	47244	374.78	-6		15
4-Nitrotoluene	20.792	20.135	21.449	400.0	113.100	42806	378.58	-5		15
3-Nitrotoluene	22.242	21.490	22.994	400.0	142.300	53175	373.76	-7		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
3,4-Dinitrotoluene	12.792	12.417	13.167	400.0	124.800	45709	366.31	-8		15

EX81D19.MET

04/20/06

INITIAL CALIBRATION VERIFICATION
METHOD 8330

Lab Name : EMAX
Instrument ID : HPLC1 LCT001(T017)
GC Column : LUNA 5U PHENYL-HEXYL
Column size ID : 25CMX4.6MM
Mid Conc Init LFID & Datetime: PC08005A 03/08/2006 18:22
Conc Cont LFID & Datetime: PC08007A 03/08/2006 19:42 ✓
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
HMX	6.158	6.078	6.238	400.0	225.700	96467	427.44	7		15
RDX	8.117	8.013	8.221	400.0	227.300	96668	425.23	6		15
Nitrobenzene	10.758	10.654	10.862	400.0	302.100	129466	428.50	7		15
1,3-DNB	15.033	14.672	15.394	400.0	515.000	200283	388.93	-3		15
2-Nitrotoluene	15.892	15.632	16.152	400.0	268.900	104011	386.84	-3		15
4-Nitrotoluene	16.383	16.093	16.673	400.0	280.300	113495	404.91	1		15
4-AM-2,6-DNT	17.208	16.645	17.771	400.0	226.800	93835	413.77	3		15
3-Nitrotoluene	17.833	17.466	18.200	400.0	317.200	128117	403.95	1		15
2-AM-4,6-DNT	19.092	18.334	19.850	400.0	374.900	145010	386.81	-3		15
1,3,5-TNB	19.817	19.204	20.430	400.0	336.700	139652	414.78	4		15
2,6-DNT	21.358	20.634	22.082	400.0	223.600	95547	427.27	7		15
2,4-DNT	22.575	21.778	23.372	400.0	474.900	202104	425.54	6		15
Tetryl	31.267	29.617	32.917	400.0	488.900	187228	382.99	-4		15
2,4,6-TNT	32.467	31.124	33.810	400.0	545.500	213217	390.86	-2		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
3,4-DNT	18.392	17.859	18.925	400.0	240.600	96608	401.46	0		15

EX17C08C.MET

✓

03/13/06

SS17

DAILY CALIBRATION

CONTINUE CALIBRATION
METHOD 8330

Lab Name : EMAX Inc
Instrument ID : HPLC1 81
GC Columm : VARIAN C18
Column size ID : 25CMX4.6MM
Mid Conc Init LFID & Datetime: XD19005A 04/19/2006 13:20
Conc Cont LFID & Datetime: XJ16002A 10/16/2006 11:43
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
HMX	4.325	4.275	4.375	400.0	72.000	27285	378.78	-5		15
RDX	6.433	6.295	6.571	400.0	83.600	34286	410.27	3		15
1,3,5-TNB	8.692	8.539	8.845	400.0	205.400	81776	398.22	-0		15
1,3-DNB	10.608	10.379	10.837	400.0	291.500	115129	394.99	-1		15
Tetryl	11.300	11.012	11.588	400.0	164.200	65285	397.61	-1		15
Nitrobenzene	12.250	11.849	12.651	400.0	206.000	83962	407.60	2		15
2,4,6-TNT	13.642	13.241	14.043	400.0	205.300	82965	404.02	1		15
4-AM-2,6-DNT	14.308	13.803	14.813	400.0	143.400	56335	392.97	-2		15
2-AM-4,6-DNT	14.875	14.327	15.423	400.0	216.900	86870	400.55	0		15
2,6-DNT	15.900	15.437	16.363	400.0	125.600	50638	403.32	1		15
2,4-DNT	16.533	16.056	17.010	400.0	274.500	111541	406.41	2		15
2-Nitrotoluene	19.633	19.042	20.224	400.0	126.100	50887	403.68	1		15
4-Nitrotoluene	21.325	20.668	21.982	400.0	113.100	46278	409.29	2		15
3-Nitrotoluene	22.792	22.040	23.544	400.0	142.300	58235	409.32	2		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
3,4-Dinitrotoluene	13.108	12.733	13.483	400.0	124.800	49696	398.26	-0		15

CONTINUE CALIBRATION
METHOD 8330

Lab Name : EMAX Inc
Instrument ID : HPLC1 81
HPLC Column : VARIAN C18
Column size ID : 25CMX4.6MM
Std Conc Init LFID & Datetime: XD19005A 04/19/2006 13:20
Conc Cont LFID & Datetime: XJ16011A 10/16/2006 15:53
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
HMX	4.308	4.258	4.358	400.0	72.000	28839	400.35	0		15
RDX	6.400	6.262	6.538	400.0	83.600	34675	414.92	4		15
1,3,5-TNB	8.650	8.497	8.803	400.0	205.400	81981	399.22	-0		15
1,3-DNB	10.550	10.321	10.779	400.0	291.500	115094	394.87	-1		15
Tetryl	11.250	10.962	11.538	400.0	164.200	64794	394.62	-1		15
Nitrobenzene	12.175	11.774	12.576	400.0	206.000	84649	410.94	3		15
2,4,6-TNT	13.608	13.207	14.009	400.0	205.300	80849	393.72	-2		15
4-AM-2,6-DNT	14.242	13.737	14.747	400.0	143.400	58390	407.31	2		15
2-AM-4,6-DNT	14.833	14.285	15.381	400.0	216.900	85688	395.10	-1		15
2,6-DNT	15.867	15.404	16.330	400.0	125.600	50383	401.29	0		15
2,4-DNT	16.500	16.023	16.977	400.0	274.500	111465	406.13	2		15
2-Nitrotoluene	19.617	19.026	20.208	400.0	126.100	51272	406.74	2		15
4-Nitrotoluene	21.283	20.626	21.940	400.0	113.100	46267	409.19	2		15
3-Nitrotoluene	22.800	22.048	23.552	400.0	142.300	57785	406.16	2		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
3,4-Dinitrotoluene	13.058	12.683	13.433	400.0	124.800	50029	400.93	0		15

CONTINUE CALIBRATION
METHOD 8330

Lab Name : EMAX Inc
Instrument ID : HPLC1 LCT001(T017)
GC Column : LUNA 5U PHENYL-HEXYL
Column size ID : 25CMX4.6MM
Mid Conc Init LFID & Datetime: PC08005A 03/08/2006 18:22
Conc Cont LFID & Datetime: PJ18002A 10/18/2006 12:54
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
HMX	6.100	6.020	6.180	400.0	225.700	94919	420.58	5		15
RDX	7.992	7.888	8.096	400.0	227.300	100007	439.92	10		15
Nitrobenzene	10.525	10.421	10.629	400.0	302.100	129498	428.60	7		15
1,3-DNB	14.725	14.364	15.086	400.0	515.000	199485	387.38	-3		15
2-Nitrotoluene	15.458	15.198	15.718	400.0	268.900	101703	378.26	-5		15
4-Nitrotoluene	15.950	15.660	16.240	400.0	280.300	110375	393.78	-2		15
4-AM-2,6-DNT	16.767	16.204	17.330	400.0	226.800	87395	385.37	-4		15
3-Nitrotoluene	17.333	16.966	17.700	400.0	317.200	129950	409.73	2		15
2-AM-4,6-DNT	18.625	17.867	19.383	400.0	374.900	147889	394.49	-1		15
1,3,5-TNB	19.358	18.745	19.971	400.0	336.700	131107	389.40	-3		15
2,6-DNT	20.733	20.009	21.457	400.0	223.600	89143	398.64	-0		15
2,4-DNT	21.983	21.186	22.780	400.0	474.900	195915	412.51	3		15
Tetryl	30.258	28.608	31.908	400.0	488.900	191981	392.71	-2		15
2,4,6-TNT	31.442	30.099	32.785	400.0	545.500	220506	404.22	1		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
3,4-DNT	17.875	17.342	18.408	400.0	240.600	95511	396.90	-1		15

CONTINUE CALIBRATION
METHOD 8330

Lab Name : EMAX Inc
Instrument ID : HPLC1 LCT001(T017)
GC Column : LUNA 5U PHENYL-HEXYL
lumn size ID : 25CMX4.6MM
d Conc Init LFID & Datetime: PC08005A 03/08/2006 18:22
Conc Cont LFID & Datetime: PJ18004A 10/18/2006 14:52
CONC UNIT : ppb

COMPOUND	RT MINUTES	RT WINDOW FROM	RT WINDOW TO	TRUE CONC	AVERAGE CF	RESULT AREA	RESULT CONC	%D	QL	%D LIMITS
HMX	6.092	6.012	6.172	400.0	225.700	96676	428.36	7		15
RDX	7.992	7.888	8.096	400.0	227.300	100918	443.93	11		15
Nitrobenzene	10.533	10.429	10.637	400.0	302.100	129926	430.02	8		15
1,3-DNB	14.733	14.372	15.094	400.0	515.000	200103	388.58	-3		15
2-Nitrotoluene	15.475	15.215	15.735	400.0	268.900	101503	377.51	-6		15
4-Nitrotoluene	15.958	15.668	16.248	400.0	280.300	113724	405.73	1		15
4-AM-2,6-DNT	16.758	16.195	17.321	400.0	226.800	89249	393.55	-2		15
3-Nitrotoluene	17.342	16.975	17.709	400.0	317.200	133786	421.82	5		15
2-AM-4,6-DNT	18.617	17.859	19.375	400.0	374.900	150324	400.98	0		15
1,3,5-TNB	19.367	18.754	19.980	400.0	336.700	136880	406.55	2		15
2,6-DNT	20.725	20.001	21.449	400.0	223.600	90030	402.60	1		15
2,4-DNT	21.942	21.145	22.739	400.0	474.900	194668	409.88	2		15
Tetryl	30.208	28.558	31.858	400.0	488.900	187012	382.55	-4		15
2,4,6-TNT	31.467	30.124	32.810	400.0	545.500	220186	403.64	1		15
SURROGATE	**MINUTES**	**FROM**	**TO**	**TRUECON**	**CF**	**AREA**	**CONC**	**%D**	**QL**	**LIMITS**
3,4-DNT	17.867	17.334	18.400	400.0	240.600	99862	414.99	4		15

ANALYTICAL LOGS

ANALYSIS RUN LOG FOR HPLC

SOP ☑ EMAX-8330 Rev. No: 2 ☐ EMAX-8310 Rev. No: 4 ☐ EMAX-8332 Rev. No: 0 ☐ Book # A81-007

Starting Date: 4/19/06 Time: 11:29 Ending Date: 4/19/06 Time: 14:15

Preparation Batch	Data File Name	Lab Sample ID	DF	Matrix (W)	Matrix (S)	Notes
	XD19.001	IB81D240				
NA	2	EX81D1901 10ppb				
	3	02 100				8330 Ical
	4	03 200				
	5	04 400				
	6	05 800				
	7	IEX81D1901 400				8330 ICV

XP 4/19/06

ANALYTICAL BATCH NA

Instrument Number	81
INITIAL CALIBRATION REFERENCE	
Date	4/19/06
Method	EX81D19
Mid Point	XD19005A
ICAL ID	SH1B-03-61-2
ICV ID	SH1C-03-63-2
DCC ID	—

Solvents ID	
Acetonitrile	—
Methanol	45035
Water	45298

Electronic Data Archival	
Location	Date
☐ EZC_5_HPLC	
☐	

Comments:

Analyzed By: XP

Disposed on: 4/19/06 By: XP

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EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

ANALYSIS RUN LOG FOR HPLC

SOP ☑ EMAX-8330 Rev. No: 2 ☐ EMAX-8310 Rev. No: 4 ☐ EMAX-8332 Rev. No: 0 ☐

Conf.

Starting Date: 03.08.06 Time: 15:44 Ending Date: 03.08.06 Time: 19:42 Book # A17-01

Preparation Batch	Data File Name	Lab Sample ID	DF	Matrix S	Matrix W	Notes
NA	P008.001	IB17 C001				
	.002	EX17 C08C 01 20				
	.003	02 100				
	.004	03 200				8330 ICAL
	.005	04 400				
	.006	05 800				
	.007	IEX17C08C 01 400				8330 ICV @400 PPB

ANALYTICAL BATCH N/A

Instrument Number	17
Initial Calibration	
Date	03/08/06
met.	EX17 C08C
m.p	PC08 005A

Standards		
Name	ID	Conc. (µg/L)
DCC ID	–	–
KAL STOCK	SHIB - 03-61-2	800
8330 SPIKE	SHIB - 03-57-3	10 PPM

Solvent ID		
Methanol	450835	–
Water	45298	–
Acetonitrile	n/A	–

Electronic Data Archival	
Location	Date
☐ EZC-5-HPLC	
☐	

Comments:

Analyzed By: JP

Disposed on: 03-09-06 By: JP

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EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

00225

ANALYSIS RUN LOG FOR HPLC

SOP ☑ EMAX-8330 Rev. No: 2 ☐ EMAX-8310 Rev. No: 4 ☐ EMAX-8332 Rev. No: 0 ☐

Starting Date: 10/16/02 Time: 11:15 Ending Date: 10/16/02 Time: 15:53

Book # A81-007

ANALYTICAL BATCH XJ16 002

Preparation Batch	Data File Name	Lab Sample ID	DF	Matrix (W)	Matrix (S)	Notes
	XJ16.001	IB81J358				
	.002	CEX81D19358				400 ppb
EXJ001W	.003	EXJ001WB	1	✓		
	.004	L				
	.005	C				
	.006	06J067-02				
	.007	-03				
	.008	-05				
	.009	-05W				
	.010	IB81J359				
	.011	CEX81D19359				400ppb

LA 10/16/02

Instrument Number	81
INITIAL CALIBRATION REFERENCE	
Date	04/19/02
Method	EX81D19
Mid Point	XD19005
ICAL ID	—
ICV ID	—
DCC ID	SHIC.04-10-1 (400ppb)

Solvents ID	
Acetonitrile	—
Methanol	45035
Water	46089

Electronic Data Archival	
Location	Date
☐ EZC_5_HPLC	
☐	

Comments:

Analyzed By: LA

Disposed on: 10/16/02 By: LA

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EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

ANALYSIS RUN LOG FOR HPLC

SOP ☑ EMAX-8330 Rev. No: 2 ☐ EMAX-8310 Rev. No: 4 ☐ EMAX-8332 Rev. No: 0 ☐ Book # A17-0

Starting Date: 10/18/06 Time: 12:14 Ending Date: 10/18/06. Time: 14:52

Preparation Batch	Data File Name	Lab Sample ID	DF	Matrix S	Matrix W	Notes
	PJ18.001	LB17J083				
	.002	CEX17C08C083				400 ppb
EXJ001W	.003	06J067-05	1		✓	
	.004	CEX17C08.C084				

ANALYTICAL BATCH PJ18.001

RS 10/18/06

Instrument Number	17
Initial Calibration	
Date	03/08/06
met.	EX17C08C
m.p	PC08005

Standards		
Name	ID	Conc. (µg/l
DCC ID	SHIC-04-10-1	400

Solvent ID		
Methanol	45035	
Water	46089	
Acetonitrile		

Electronic Data Archival	
Location	Date
☐ EZC-5-HPLC	
☐	

Comments:

Analyzed By: CS

Disposed on: 10/18/06 By: CS

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EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

EXTRACTION LOGS

EXTRACTION LOG FOR EXPLOSIVES

SOP: ☑ EMAX-8330 Rev.No.: 3 ☐

Matrix: WATER Start Date: 10/11/06 Time: 11:00 End Date: 10/11/06 Time: 13:00 Book # EEX-013

Sample Prep ID	Lab Sample ID	Sample Amount (g / ml)	Extract Volume (ml)	Notes
*01	EXJ001 - WB	200	4	
*02	- WL	200	4	
*03	- EC	200	4	
*04	06J067 - 02	200	4	
*05	- 03	200	4	
*06	- 05	200	4	
*07		JV 10/11/06		
*08				
*09				
*10				
*11				
*12				
*13				
*14				
*15				
*16				
*17				
*18				
*19				
*20				
*21				
*22				
*23				
*24				
*25				
*26				

Standards	JV 10/11/06 ID	Amount Added (ml)
Surrogate	~~SOOO~~ SHIC-04-09-3	0.08
LCS/MS	SHIC-04-09-2	0.08

Reagent	Lot# / ID
Acetonitrile	25026
NaCl	SWA-02-225
$CaCl_2$	SPB-01-388
Silica Sand	-

SDG #	Extract Location
	SFOA #4

Comments:

Prepared By: JV

Standard Added By: JV Witnessed By: JS

Checked By: ML Extracted By: [illegible]

Disposed By: Disposal Date:

PREPARATION BATCH: EXJ001 W

EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

LABORATORY REPORT FOR

TETRA TECH, INC.

LMC BEAUMONT SITE 2

METALS / MERCURY

SDG#: 06J067

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J067

METHOD 3010A/6010B
METALS BY ICP

Three (3) water samples were received on 10/06/06 for Metals analysis by Method 3010A/6010B in accordance with "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW846, 3rd edition.

1. **Holding Time**

   Analysis met holding time criteria.

2. **Method Blank**

   Method blank was free of contamination at the reporting limit.

3. **Lab Control Sample/Lab Control Sample Duplicate**

   Lab control results were within QC limit.

4. **Serial Dilution / Post-Analytical Spike**

   Sample J067-02 was analyzed for serial dilution and post-analytical spike. All QC requirements were met.

5. **Matrix Spike/Matrix Spike Duplicate**

   No MS/MSD sample was designated in this SDG.

6. **Sample Analysis**

   Samples were analyzed according to the prescribed QC procedures. All criteria were met.

LAB CHRONI
METALS BY ICP

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2

SDG NO. : 06J067
Instrument ID : T-173

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	IPJ029WB	1	NA	10/18/0618:18	10/10/0613:35	I73J030026	I73J030024	IPJ029W	Method Blank
LCS1W	IPJ029WL	1	NA	10/18/0618:24	10/10/0613:35	I73J030027	I73J030024	IPJ029W	Lab Control Sample (LCS)
LCD1W	IPJ029WC	1	NA	10/18/0618:30	10/10/0613:35	I73J030028	I73J030024	IPJ029W	LCS Duplicate
LEB-100506-BAS	J067-02A	1	NA	10/18/0618:37	10/10/0613:35	I73J030029	I73J030024	IPJ029W	Analytical Spike Sample
LEB-100506-B	J067-02	1	NA	10/18/0618:44	10/10/0613:35	I73J030030	I73J030024	IPJ029W	Field Sample
LEB-100506-BDL	J067-02J	5	NA	10/18/0618:51	10/10/0613:35	I73J030031	I73J030024	IPJ029W	Diluted Sample
TT-MW2-11	J067-03	1	NA	10/18/0618:57	10/10/0613:35	I73J030032	I73J030024	IPJ029W	Field Sample
TT-MW2-12	J067-05	20	NA	10/18/0617:48	10/10/0613:35	I73J030023	I73J030020	IPJ029W	Field Sample

FN - Filename
% Moist - Percent Moisture

METHOD 3010A/6010B
METALS BY ICP

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
SDG NO.	: 06J067	Date Extracted:	10/10/06 13:35
Sample ID:	LEB-100506-B	Date Analyzed:	10/18/06 18:44
Lab Samp ID:	J067-02	Dilution Factor:	1
Lab File ID:	I73J030030	Matrix :	WATER
Ext Btch ID:	IPJ029W	% Moisture :	NA
Calib. Ref.:	I73J030024	Instrument ID :	EMAXTI73

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Calcium	0.110J	1.00	0.100
Magnesium	ND	1.00	0.100
Potassium	ND	2.00	1.00
Sodium	ND	1.00	0.250

METHOD 3010A/6010B
METALS BY ICP

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
S[illegible].	: 06J067	Date Extracted:	10/10/06 13:35
Sample ID:	TT-MW2-11	Date Analyzed:	10/18/06 18:57
Lab Samp ID:	J067-03	Dilution Factor:	1
Lab File ID:	I73J030032	Matrix :	WATER
Ext Btch ID:	IPJ029W	% Moisture :	NA
Calib. Ref.:	I73J030024	Instrument ID :	EMAXTI73

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Calcium	56.7	1.00	0.100
Magnesium	20.4	1.00	0.100
Potassium	20.5	2.00	1.00
Sodium*	336.0	20.00	5.00

*: Analyzed at DF 20 on 10/18/06 17:42 | File ID I73J030022

METHOD 3010A/6010B
METALS BY ICP

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
SDG NO.	: 06J067	Date Extracted:	10/10/06 13:35
Sample ID:	TT-MW2-12	Date Analyzed:	10/18/06 17:48
Lab Samp ID:	J067-05	Dilution Factor:	20
Lab File ID:	I73J030023	Matrix :	WATER
Ext Btch ID:	IPJ029W	% Moisture :	NA
Calib. Ref.:	I73J030020	Instrument ID :	EMAXTI73

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Calcium	3320	20.0	2.00
Magnesium	357	20.0	2.00
Potassium	86.7	40.0	20.0
Sodium	332	20.0	5.00

METHOD 3010A/6010B
METALS BY ICP

Client	: TETRA TECH, INC.	Date Collected:	NA
Project	: LMC BEAUMONT SITE 2	Date Received:	10/10/06
Job No.	: 06J067	Date Extracted:	10/10/06 13:35
Sample ID:	MBLK1W	Date Analyzed:	10/18/06 18:18
Lab Samp ID:	IPJ029WB	Dilution Factor:	1
Lab File ID:	I73J030026	Matrix :	WATER
Ext Btch ID:	IPJ029W	% Moisture :	NA
Calib. Ref.:	I73J030024	Instrument ID :	EMAXTI73

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Calcium	ND	1.00	0.100
Magnesium	ND	1.00	0.100
Potassium	ND	2.00	1.00
Sodium	ND	1.00	0.250

b

7866

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
SDG NO.: 06J067
METHOD: METHOD 3010A/6010B

MATRIX:	WATER			% MOISTURE:	NA
DILTN FACTR:	1	1	1		
SAMPLE ID:	MBLK1W				
CONTROL NO.:	IPJ029WB	IPJ029WL	IPJ029WC		
LAB FILE ID:	I73J030026	I73J030027	I73J030028		
DATIME EXTRCTD:	10/10/0613:35	10/10/0613:35	10/10/0613:35	DATE COLLECTED:	NA
DATIME ANALYZD:	10/18/0618:18	10/18/0618:24	10/18/0618:30	DATE RECEIVED:	10/10/06
PREP. BATCH:	IPJ029W	IPJ029W	IPJ029W		
CALIB. REF:	I73J030024	I73J030024	I73J030024		

ACCESSION:

PARAMETER	BLNK RSLT mg/L	SPIKE AMT mg/L	BS RSLT mg/L	BS % REC	SPIKE AMT mg/L	BSD RSLT mg/L	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Calcium	ND	50.0	49.2	98	50.0	48.3	97	2	80-120	20
Magnesium	ND	50.0	48.5	97	50.0	47.5	95	2	80-120	20
Potassium	ND	50.0	46.7	93	50.0	47.3	95	1	80-120	20
Sodium	ND	50.0	50.4	101	50.0	50.6	101	0	80-120	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 3010A/6010B

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	1	5		
SAMPLE ID:	LEB-100506-B	LEB-100506-BDL		
EMAX SAMP ID:	J067-02	J067-02J		
LAB FILE ID:	I73J030030	I73J030031		
DATE EXTRACTED:	10/10/0613:35	10/10/0613:35	DATE COLLECTED:	10/05/06
DATE ANALYZED:	10/18/0618:44	10/18/0618:51	DATE RECEIVED:	10/06/06
PREP. BATCH:	IPJ029W	IPJ029W		
CALIB. REF:	I73J030024	I73J030024		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	QC LIMIT (%)
Calcium	0.110J	ND	NA	10
Magnesium	ND	ND	0	10
Potassium	ND	ND	0	10
Sodium	ND	ND	0	10

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
SDG NO.: 06J067
METHOD: METHOD 3010A/6010B

MATRIX:	WATER		% MOISTURE:	NA
DILTN FACTR:	1	1		
SAMPLE ID:	LEB-100506-B			
CONTROL NO.:	J067-02	J067-02A		
LAB FILE ID:	I73J030030	I73J030029		
DATIME EXTRCTD:	10/10/0613:35	10/10/0613:35	DATE COLLECTED:	10/05/06
DATIME ANALYZD:	10/18/0618:44	10/18/0618:37	DATE RECEIVED:	10/06/06
PREP. BATCH:	IPJ029W	IPJ029W		
CALIB. REF:	I73J030024	I73J030024		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	AS RSLT (mg/L)	AS % REC	QC LIMIT (%)
Calcium	0.110J	50.0	48.9	98	75-125
Magnesium	ND	50.0	48.5	97	75-125
Potassium	ND	50.0	47.5	95	75-125
Sodium	ND	50.0	48.5	97	75-125

LAB CHRONI
METALS BY ICP

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2

SDG NO. : 06J067
Instrument ID : T-I73

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	IPJ029WB	1	NA	10/18/0618:18	10/10/0613:35	I73J030026	I73J030024	IPJ029W	Method Blank
LCS1W	IPJ029WL	1	NA	10/18/0618:24	10/10/0613:35	I73J030027	I73J030024	IPJ029W	Lab Control Sample (LCS)
LCD1W	IPJ029WC	1	NA	10/18/0618:30	10/10/0613:35	I73J030028	I73J030024	IPJ029W	LCS Duplicate
LEB-100506-BAS	J067-02A	1	NA	10/18/0618:37	10/10/0613:35	I73J030029	I73J030024	IPJ029W	Analytical Spike Sample
LEB-100506-B	J067-02	1	NA	10/18/0618:44	10/10/0613:35	I73J030030	I73J030024	IPJ029W	Field Sample
LEB-100506-BDL	J067-02J	5	NA	10/18/0618:51	10/10/0613:35	I73J030031	I73J030024	IPJ029W	Diluted Sample
TT-MW2-11	J067-03	1	NA	10/18/0618:57	10/10/0613:35	I73J030032	I73J030024	IPJ029W	Field Sample
TT-MW2-12	J067-05	1	NA	10/18/0619:03	10/10/0613:35	I73J030033	I73J030024	IPJ029W	Field Sample

FN - Filename
% Moist - Percent Moisture

METHOD 3010A/6010B
METALS BY ICP

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
SDG NO.	: 06J067	Date Extracted:	10/10/06 13:35
Sample ID:	LEB-100506-B	Date Analyzed:	10/18/06 18:44
Lab Samp ID:	J067-02	Dilution Factor:	1
Lab File ID:	I73J030030	Matrix :	WATER
Ext Btch ID:	IPJ029W	% Moisture :	NA
Calib. Ref.:	I73J030024	Instrument ID :	EMAXTI73

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Antimony	ND	0.100	0.0400
Arsenic	ND	0.0100	0.00500
Barium	ND	0.0100	0.00200
Beryllium	ND	0.0100	0.00100
Cadmium	ND	0.0100	0.00200
Chromium	ND	0.0100	0.00500
Cobalt	ND	0.0100	0.00500
Copper	ND	0.0100	0.00500
Lead	ND	0.0100	0.00300
Molybdenum	ND	0.0500	0.0100
Nickel	ND	0.0100	0.0100
Selenium	ND	0.0100	0.00500
Silver	ND	0.0100	0.00500
Thallium	ND	0.0100	0.00500
Vanadium	ND	0.0100	0.00500
Zinc	ND	0.0100	0.00500

METHOD 3010A/6010B
METALS BY ICP

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
NO.	: 06J067	Date Extracted:	10/10/06 13:35
Sample ID:	TT-MW2-11	Date Analyzed:	10/18/06 18:57
Lab Samp ID:	J067-03	Dilution Factor:	1
Lab File ID:	I73J030032	Matrix :	WATER
Ext Btch ID:	IPJ029W	% Moisture :	NA
Calib. Ref.:	I73J030024	Instrument ID :	EMAXTI73

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Antimony	ND	0.100	0.0400
Arsenic	0.0216	0.0100	0.00500
Barium	0.0419	0.0100	0.00200
Beryllium	ND	0.0100	0.00100
Cadmium	ND	0.0100	0.00200
Chromium	0.0197	0.0100	0.00500
Cobalt	ND	0.0100	0.00500
Copper	0.0108	0.0100	0.00500
Lead	ND	0.0100	0.00300
Molybdenum	0.0147J	0.0500	0.0100
Nickel	0.0102	0.0100	0.0100
Selenium	ND	0.0100	0.00500
Silver	ND	0.0100	0.00500
Thallium	0.00899J	0.0100	0.00500
Vanadium	0.0146	0.0100	0.00500
Zinc	0.0515	0.0100	0.00500

b

7812

METHOD 3010A/6010B
METALS BY ICP

Client	: TETRA TECH, INC.	Date Collected:	10/05/06
Project	: LMC BEAUMONT SITE 2	Date Received:	10/06/06
SDG NO.	: 06J067	Date Extracted:	10/10/06 13:35
Sample ID:	TT-MW2-12	Date Analyzed:	10/18/06 19:03
Lab Samp ID:	J067-05	Dilution Factor:	1
Lab File ID:	I73J030033	Matrix :	WATER
Ext Btch ID:	IPJ029W	% Moisture :	NA
Calib. Ref.:	I73J030024	Instrument ID :	EMAXTI73

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Antimony	ND	0.100	0.0400
Arsenic	0.0659	0.0100	0.00500
Barium	6.63	0.0100	0.00200
Beryllium	0.0217	0.0100	0.00100
Cadmium	0.0166	0.0100	0.00200
Chromium	0.758	0.0100	0.00500
Cobalt	0.316	0.0100	0.00500
Copper	1.02	0.0100	0.00500
Lead	0.264	0.0100	0.00300
Molybdenum	0.0193J	0.0500	0.0100
Nickel	0.582	0.0100	0.0100
Selenium	ND	0.0100	0.00500
Silver	0.00856J	0.0100	0.00500
Thallium	ND	0.0100	0.00500
Vanadium	1.63	0.0100	0.00500
Zinc	1.77	0.0100	0.00500

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7813

METHOD 3010A/6010B
METALS BY ICP

Client	: TETRA TECH, INC.	Date Collected:	NA
Project	: LMC BEAUMONT SITE 2	Date Received:	10/10/06
S[illegible]	: 06J067	Date Extracted:	10/10/06 13:35
Sa[illegible]e ID:	MBLK1W	Date Analyzed:	10/18/06 18:18
Lab Samp ID:	IPJ029WB	Dilution Factor:	1
Lab File ID:	I73J030026	Matrix :	WATER
Ext Btch ID:	IPJ029W	% Moisture :	NA
Calib. Ref.:	I73J030024	Instrument ID :	EMAXT173

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
Antimony	ND	0.100	0.0400
Arsenic	ND	0.0100	0.00500
Barium	ND	0.0100	0.00200
Beryllium	ND	0.0100	0.00100
Cadmium	ND	0.0100	0.00200
Chromium	ND	0.0100	0.00500
Cobalt	ND	0.0100	0.00500
Copper	ND	0.0100	0.00500
Lead	ND	0.0100	0.00300
Molybdenum	ND	0.0500	0.0100
Nickel	ND	0.0100	0.0100
Selenium	ND	0.0100	0.00500
Silver	ND	0.0100	0.00500
Thallium	ND	0.0100	0.00500
Vanadium	ND	0.0100	0.00500
Zinc	ND	0.0100	0.00500

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
SDG NO.: 06J067
METHOD: METHOD 3010A/6010B

MATRIX:	WATER			% MOISTURE:	NA
DILTN FACTR:	1	1	1		
SAMPLE ID:	MBLK1W				
CONTROL NO.:	IPJ029WB	IPJ029WL	IPJ029WC		
LAB FILE ID:	I73J030026	I73J030027	I73J030028		
DATIME EXTRCTD:	10/10/0613:35	10/10/0613:35	10/10/0613:35	DATE COLLECTED:	NA
DATIME ANALYZD:	10/18/0618:18	10/18/0618:24	10/18/0618:30	DATE RECEIVED:	10/10/06
PREP. BATCH:	IPJ029W	IPJ029W	IPJ029W		
CALIB. REF:	I73J030024	I73J030024	I73J030024		

ACCESSION:

PARAMETER	BLNK RSLT mg/L	SPIKE AMT mg/L	BS RSLT mg/L	BS % REC	SPIKE AMT mg/L	BSD RSLT mg/L	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Antimony	ND	5.00	5.06	101	5.00	5.01	100	1	80-120	20
Arsenic	ND	1.00	1.04	104	1.00	1.03	103	1	80-120	20
Barium	ND	1.00	1.03	103	1.00	1.04	104	1	80-120	20
Beryllium	ND	1.00	1.07	107	1.00	1.07	107	0	80-120	20
Cadmium	ND	1.00	1.02	102	1.00	1.02	102	0	80-120	20
Chromium	ND	1.00	1.05	105	1.00	1.05	105	0	80-120	20
Cobalt	ND	1.00	1.02	102	1.00	1.02	102	0	80-120	20
Copper	ND	1.00	1.06	106	1.00	1.07	107	1	80-120	20
Lead	ND	1.00	1.04	104	1.00	1.03	103	1	80-120	20
Molybdenum	ND	1.00	0.995	100	1.00	1.00	100	1	80-120	20
Nickel	ND	1.00	1.04	104	1.00	1.04	104	0	80-120	20
Selenium	ND	1.00	0.995	100	1.00	0.994	99	0	80-120	20
Silver	ND	1.00	1.04	104	1.00	1.06	106	2	80-120	20
Thallium	ND	1.00	1.01	101	1.00	1.04	104	3	80-120	20
Vanadium	ND	1.00	1.06	106	1.00	1.06	106	0	80-120	20
Zinc	ND	1.00	1.04	104	1.00	1.04	104	0	80-120	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 3010A/6010B

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	1	5		
SAMPLE ID:	LEB-100506-B	LEB-100506-BDL		
EMAX SAMP ID:	J067-02	J067-02J		
LAB FILE ID:	I73J030030	I73J030031		
DATE EXTRACTED:	10/10/0613:35	10/10/0613:35	DATE COLLECTED:	10/05/06
DATE ANALYZED:	10/18/0618:44	10/18/0618:51	DATE RECEIVED:	10/06/06
PREP. BATCH:	IPJ029W	IPJ029W		
CALIB. REF:	I73J030024	I73J030024		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SERIAL DIL RSLT (mg/L)	DIF RSLT %	QC LIMIT (%)
Antimony	ND	ND	0	10
Arsenic	ND	ND	0	10
Barium	ND	ND	0	10
Beryllium	ND	ND	0	10
Cadmium	ND	ND	0	10
Chromium	ND	ND	0	10
Cobalt	ND	ND	0	10
Copper	ND	ND	0	10
Lead	ND	ND	0	10
Molybdenum	ND	ND	0	10
Nickel	ND	ND	0	10
Selenium	ND	ND	0	10
Silver	ND	ND	0	10
Thallium	ND	0.0310J	NA	10
Vanadium	ND	ND	0	10
Zinc	ND	ND	0	10

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7818

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
SDG NO.: 06J067
METHOD: METHOD 3010A/6010B

MATRIX:	WATER		% MOISTURE:	NA
DILTN FACTR:	1	1		
SAMPLE ID:	LEB-100506-B			
CONTROL NO.:	J067-02	J067-02A		
LAB FILE ID:	I73J030030	I73J030029		
DATIME EXTRCTD:	10/10/0613:35	10/10/0613:35	DATE COLLECTED:	10/05/06
DATIME ANALYZD:	10/18/0618:44	10/18/0618:37	DATE RECEIVED:	10/06/06
PREP. BATCH:	IPJ029W	IPJ029W		
CALIB. REF:	I73J030024	I73J030024		

ACCESSION:

PARAMETER	SMPL RSLT (mg/L)	SPIKE AMT (mg/L)	AS RSLT (mg/L)	AS % REC	QC LIMIT (%)
Antimony	ND	5.00	5.02	100	75-125
Arsenic	ND	1.00	1.01	101	75-125
Barium	ND	1.00	0.986	99	75-125
Beryllium	ND	1.00	1.03	103	75-125
Cadmium	ND	1.00	0.994	99	75-125
Chromium	ND	1.00	1.02	102	75-125
Cobalt	ND	1.00	0.997	100	75-125
Copper	ND	1.00	0.997	100	75-125
Lead	ND	1.00	1.00	100	75-125
Molybdenum	ND	1.00	0.988	99	75-125
Nickel	ND	1.00	1.02	102	75-125
Selenium	ND	1.00	0.986	99	75-125
Silver	ND	1.00	0.994	99	75-125
Thallium	ND	1.00	1.01	101	75-125
Vanadium	ND	1.00	1.02	102	75-125
Zinc	ND	1.00	0.997	100	75-125

TRACE ICP QC CHECK TABLE

QC	ICV HIGH	ICV	CCV	ICSAB	ICSA
Limit%	95-105	90-110	90-110	80-120	80-120
Comp	ug/L	ug/L	ug/L	ug/L	ug/L
Al	10000	5000	5000	500000	500000
As	1000	500	500	1000	0
Cd	1000	500	500	1000	0
Ca	100000	50000	50000	500000	500000
Cu	1000	500	500	500	0
Fe	10000	5000	5000	200000	200000
Pb	1000	500	500	1000	0
Mg	100000	50000	50000	500000	500000
Mn	1000	500	500	500	0
Se	1000	500	500	1000	0
Tl	1000	500	500	1000	0
V	1000	500	500	500	0
Zn	1000	500	500	1000	0

ANALYSIS RUN LOG FOR ICP

SOP ☑ EMAX-6010-Rev. 5 ☐ EMAX-CLP-TAL ☐ Method File: 601081 Autosampler Table: ICP

Matrix: WATER/SOIL Start Date: 10/18/06 Time: 15:24 End Date: 10/18/06 Time: 19:24 Book# A73 -022

ANALYTICAL BATCH # J7-J029

Data File Name	Prep. Batch	Lab Sample ID	DF	Matrix	Notes
01		S0			
02		S2			
03		S5			
04		S8			
05		ICV			
06		ICB			
07		ICSA1			
08		ICSAB1			
09		CCV1			K=89.1%
10		CCB1			
11	IPJ028S	J059-04	1	S	K only
12		-05	1		
13		-06	5		
14		-07			
15		-08			
16		-09			
17		-10			
18		-11			
19		-12			
20		CCV2			
21		CCB2			
22	IPJ029W	J067-03	20	W	Na only
23		-05	20	W	Na, K only
24		CCV3			
25		CCB3			

ANALYTICAL BATCH # _____

Data File Name	Prep. Batch	Lab Sample ID	DF	Matrix	Notes
26	IPJ029W	IPJ029WB	1	W	
27		WL			
28		WE			
29		J067-02A			
30		-02			
31		-02J	5		
32		-03	1		↑Na
33		-05			↑Na, ↑K
34		CCV4			
35		CCB4			
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					

Instrument No.	73
Std.	ID
S_0	SM1810-40-08
S_1	NA
S_2	SM1810-37-05
S_3	NA
S_4	NA
S_5	SM1810-37-06
S_6	NA
S_7	NA
S_8	SM1810-32-01
S_9	NA
ICV	SM1810-42-0
ICVH1	NA
ICVH2	NA
CCV	SM1810-51-01
ICSA	10-45-0
ICSAB	10-46-01
MRL	

Comments:

Analyzed By: CBC

Date Disposed:

This page is checked [illegible] data review.

EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

SEQUENCE FILE : I73J030

4-18	19-33	34-43	44-53	54-63
LFID	LSID	TIME	DATE	DF
I73J030001	S0	15:24	10/18/06	1
I73J030002	S2	15:30	10/18/06	1
I73J030003	S5	15:36	10/18/06	1
I73J030004	S8	15:41	10/18/06	1
I73J030005	ICV	15:46	10/18/06	1
I73J030006	ICB	15:54	10/18/06	1
I73J030007	ICSAI	16:00	10/18/06	1
I73J030008	ICSABI	16:06	10/18/06	1
I73J030009	CCV1	16:14	10/18/06	1
I73J030010	CCB1	16:27	10/18/06	1
I73J030011	J059-04	16:33	10/18/06	1
I73J030012	J059-05	16:39	10/18/06	1
I73J030013	J059-06	16:45	10/18/06	5
I73J030014	J059-07	16:51	10/18/06	1
I73J030015	J059-08	16:57	10/18/06	1
I73J030016	J059-09	17:03	10/18/06	1
I73J030017	J059-10	17:10	10/18/06	1
I73J030018	J059-11	17:16	10/18/06	1
I73J030019	J059-12	17:22	10/18/06	1
I73J030020	CCV2	17:28	10/18/06	1
I73J030021	CCB2	17:36	10/18/06	1
I73J030022	J067-03	17:42	10/18/06	20
I73J030023	J067-05	17:48	10/18/06	20
I73J030024	CCV3	17:54	10/18/06	1
I73J030025	CCB3	18:02	10/18/06	1
I73J030026	IPJ029WB	18:18	10/18/06	1
I73J030027	IPJ029WL	18:24	10/18/06	1
I73J030028	IPJ029WC	18:30	10/18/06	1
I73J030029	J067-02A	18:37	10/18/06	1
I73J030030	J067-02	18:44	10/18/06	1
I73J030031	J067-02J	18:51	10/18/06	5
I73J030032	J067-03	18:57	10/18/06	1
I73J030033	J067-05	19:03	10/18/06	1
I73J030034	CCV4	19:16	10/18/06	1
I73J030035	CCB4	19:24	10/18/06	1

SDG : 06J067 UNIT : % ICP CHECK : I73J030 DATE : 10/18/06 INST : EMAXTI73

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Li	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	U	Zn
S0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
S2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
S5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
S8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
ICV	97	102	102	97	105	105	100	99	102	100	99	101	----	104	98	103	99	100	94	102	100	95	101	109	103	102	100	----	10
ICB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
ICSAI	99	----	----	----	----	----	----	92	----	----	----	95	----	----	97	----	----	----	----	----	----	----	----	----	----	----	----	----	---
ICSABI	100	104	106	109	105	106	101	95	103	99	113	100	----	104	100	104	100	100	80	105	112	83	104	107	106	104	102	----	10
CCV1	101	94	98	103	102	106	100	97	100	98	100	102	----	100	97	100	101	100	89*	97	99	95	100	104	105	100	102	----	9
CCB1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCV2	102	98	104	107	106	109	104	101	106	103	103	105	----	104	101	104	105	104	94	103	105	99	104	110	110	105	106	----	10
CCB2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCV3	102	95	105	107	106	109	105	101	106	103	102	104	----	105	101	104	105	105	94	103	104	100	104	107	113*	104	106	----	10
CCB3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
IPJ029WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
IPJ029WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
IPJ029WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-02J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCV4	102	96	104	107	105	109	102	100	103	100	102	104	----	101	100	102	103	103	92	99	102	100	104	104	109	103	105	----	101
CCB4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---

QC limit of each parameter are listed in a table attached next to all the ICP check forms
* : Out of QC Limit

SDG : J067 UNIT : UG/L SUMMARY of CALIBRATION BLANKS : I73J030 (WATER) DATE : 10/18/06 INST : EMAXTI73

ANALYTE	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Li	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	Na	Sr	Tl	Sn	Ti	V	U	Zn
S0	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
S2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
S5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
S8	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
ICV	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
ICB	-3.31	-1.90	-3.98	.712	.187	1.72	-.613	6.15	-1.14	-.617	-.822	12.3	----	-2.75	4.93	.249	5.52	-2.24	-195	-13.7	-.127	-38.8	-.037	13.5	-2.13	.322	-.152	----	-.51
ICSAI	----	-12.4	2.02	8.25	.109	-4.95	2.54	----	-2.00	-.724	1.13	----	----	-20.2	----	.505	15.8	-3.37	-201	-24.1	5.56	127	-7.55	-22.0	-15.4	-.254	-.375	----	2.5
ICSABI	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCV1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCB1	69.5	-12.5	5.25	-.056	.011	-.340	.087	58.5	.547	2.54	-2.69	11.4	----	-3.24	44.2	-.177	3.22	-2.89	-111	-9.27	2.72	-24.0	.304	8.47	-4.60	-.498	-2.46	----	.01
J059-04	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-06	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-07	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-08	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-09	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-10	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-11	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J059-12	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCV2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCB2	15.3	-3.48	2.02	1.10	.376	2.68	.331	20.0	1.10	1.16	-.920	37.7	----	-2.62	14.6	1.12	10.7	-4.62	-74.6	-7.32	1.68	61.9	.165	-16.1	-.099	2.93	.929	----	-.88
J067-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCV3	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCB3	-32.8	-8.10	.463	1.02	.485	2.63	-.779	28.4	-2.81	-2.73	.131	19.8	----	-1.75	21.9	.752	9.76	-.261	-286	-7.45	-.370	-107	-.167	-9.86	8.04	1.13	2.69	----	-.21
IPJ029WB	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
IPJ029WL	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
IPJ029WC	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-02A	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-02	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-02J	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-03	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
J067-05	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCV4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---
CCB4	-25.6	-4.51	-6.64	1.34	.679	2.58	-.373	208	-1.99	-1.05	3.00	52.3	----	-3.32	35.2	1.90	7.01	.439	54.8	-5.99	-1.20	23.4	.651	1.33	6.99	1.06	.693	----	-.00

QC limit of each parameter are listed in a table attached next to all the ICP check forms
* : Out of QC Limit

DIGESTION LOG FOR ICP METALS

SOP ☐ EMAX-3005 Rev. No.4 ☑ EMAX-3010 Rev. No. 3 ☐ EMAX-3050 Rev. No. 3 ☐ EMAX-CLP-TAL ☐

Book # EIP-05

Matrix: WATER Start Date: 10-10-06 Time: 13:35 Temp: 90°C Ending Date: 10-10-06 Time: 17:35 Temp.: 90 °C

Sample Prep ID	Lab Sample ID	Matrix Description Color	Matrix Description Texture / Clarity	Matrix Description Artifacts	Turbidity <1 NTU	Sample Amount (g/ml)	pH	Extract Volume (ml)	Digestate Description Color	Digestate Description Clarity
01	IPJ029-WB					50	—	50		
02	-WL					50	—	50		
03	-WC					50	—	50		
04	J065-01					50	<2	50		
05	J057-01 #	006				50		50		
06	-02 #	014				50		50		
07	-03 #	022				50		50		
08	-04 #	030				50		50		
09	-05 #	038				50		50		
10	-06 #	046				50		50		
11	J052-01					50		50		
12	-02					50		50		
13	-01M					50		50		
14	-01S					50		50		
15	J039-02					50		50		
16	J067-02					50		50		
17	-03					50		50		
18	-05					50		50		
19	WTJ002-SB STLC					10		50		
20	H157-02					10		50		
21	-02M					10		50		
22	-02S					10		50		
23	H274-05					10		50		
24										
25										

10-10-06

Standards	ID	Amount Added (ml)
LCS -1	SM1A - 10 - 20	0.5
LCS -2	SM1A - 10 - 21	0.5
LCS -3	SM1A - 10 - 22	0.5
MS		

Reagent	Lot# / ID	Amount Added (ml)
HNO_3	SW1A - 03 - 382	1.5+1.5
HCl	SW1A - 03 - 383	2.5
H_2O_2	N/A	
HNO3 (1:1)	N/A	

Digestate Location	ICP
Extract Location	

Legend:

Texture	Cs = Coarse	Md = Medium	Fn = Fine
Clarity	Cr = Clear	Cy = Cloudy	Td = Turbid
Artifacts	Rk = rocks	Sl = Shale	Vg=Vegetation
Color	Bu = blue	Bk = Black	Bn = Brown
	Gn = Green	Og = Orange	Rd = Red
	Yw = Yellow	Cl = Colorless	

Comments: Samples for Methods 200.7 or 200.8 Analyses

If turbidity ≤ 1 NTU no digestion is required unless otherwise required by the project

Prepared By: MC Standard Added By: MC

Witnessed By: GR Extracts Rcvd. By: GR 10/10/6

Checked By: GR

Date Disposed: Disposed By:

BATCH: IPJ029-WC

EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J067

METHOD 7470A
MERCURY BY COLD VAPOR

Three (3) water samples were received on 10/06/06 for Mercury analysis by Method 7470A in accordance with "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW846, 3rd edition.

1. **Holding Time**

   Analysis met holding time criteria.

2. **Method Blank**

   Method blank was free of contamination at the reporting limit.

3. **Lab Control Sample/Lab Control Sample Duplicate**

   Lab control results were within QC limit.

4. **Serial Dilution / Post-Analytical Spike**

   Sample I272-10 from another SDG was analyzed for serial dilution and post-analytical spike. All QC requirements were met.

5. **Matrix Spike/Matrix Spike Duplicate**

   MS/MSD sample was not designated in this SDG.

6. **Sample Analysis**

   Samples were analyzed according to the prescribed QC procedures. All criteria were met.

LAB CHRONICLE
MERCURY BY COLD VAPOR

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2

SDG NO. : 06J067
Instrument ID : TI047

WATER

Client Sample ID	Laboratory Sample ID	Dilution Factor	% Moist	Analysis DateTime	Extraction DateTime	Sample Data FN	Calibration Data FN	Prep. Batch	Notes
MBLK1W	HGJ021WB	1	NA	10/12/0618:44	10/12/0615:00	M47J012017	M47J012008	HGJ021W	Method Blank
LCS1W	HGJ021WL	1	NA	10/12/0618:47	10/12/0615:00	M47J012018	M47J012008	HGJ021W	Lab Control Sample (LCS)
LCD1W	HGJ021WC	1	NA	10/12/0618:48	10/12/0615:00	M47J012019	M47J012008	HGJ021W	LCS Duplicate
MW322-092706AS	I272-10A	1	NA	10/12/0618:55	10/12/0615:00	M47J012022	M47J012020	HGJ021W	Analytical Spike Sample
MW322-092706	I272-10	1	NA	10/12/0618:57	10/12/0615:00	M47J012023	M47J012020	HGJ021W	Field Sample
MW322-092706DL	I272-10J	5	NA	10/12/0618:59	10/12/0615:00	M47J012024	M47J012020	HGJ021W	Diluted Sample
LEB-100506-B	J067-02	1	NA	10/12/0619:28	10/12/0615:00	M47J012038	M47J012032	HGJ021W	Field Sample
TT-MW2-11	J067-03	1	NA	10/12/0619:30	10/12/0615:00	M47J012039	M47J012032	HGJ021W	Field Sample
TT-MW2-12	J067-05	1	NA	10/12/0619:32	10/12/0615:00	M47J012040	M47J012032	HGJ021W	Field Sample

FN - Filename
% Moist - Percent Moisture

THOD 7470A
MERCURY BY COLD VAPOR

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2
Batch No. : 06J067

Matrix : WATER
Instrument ID : TI047

SAMPLE ID	EMAX SAMPLE ID	RESULTS (ug/L)	DLF	MOIST	RL (ug/L)	MDL (ug/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	HGJ021WB	ND	1	NA	0.500	0.100	10/12/0618:44	10/12/0615:00	M47J012017	M47J012008	HGJ021W	NA	10/12/06
LCS1W	HGJ021WL	4.99	1	NA	0.500	0.100	10/12/0618:47	10/12/0615:00	M47J012018	M47J012008	HGJ021W	NA	10/12/06
LCD1W	HGJ021WC	5.03	1	NA	0.500	0.100	10/12/0618:48	10/12/0615:00	M47J012019	M47J012008	HGJ021W	NA	10/12/06
LEB-100506-B	J067-02	ND	1	NA	0.500	0.100	10/12/0619:28	10/12/0615:00	M47J012038	M47J012032	HGJ021W	10/05/06	10/06/06
TT-MW2-11	J067-03	ND	1	NA	0.500	0.100	10/12/0619:30	10/12/0615:00	M47J012039	M47J012032	HGJ021W	10/05/06	10/06/06
TT-MW2-12	J067-05	0.233J	1	NA	0.500	0.100	10/12/0619:32	10/12/0615:00	M47J012040	M47J012032	HGJ021W	10/05/06	10/06/06

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
SDG NO.: 06J067
METHOD: METHOD 7470A

MATRIX:	WATER			% MOISTURE:	NA
DILTN FACTR:	1	1	1		
SAMPLE ID:	MBLK1W				
CONTROL NO.:	HGJ021WB	HGJ021WL	HGJ021WC		
LAB FILE ID:	M47J012017	M47J012018	M47J012019		
DATIME EXTRCTD:	10/12/0615:00	10/12/0615:00	10/12/0615:00	DATE COLLECTED:	NA
DATIME ANALYZD:	10/12/0618:44	10/12/0618:47	10/12/0618:48	DATE RECEIVED:	10/12/06
PREP. BATCH:	HGJ021W	HGJ021W	HGJ021W		
CALIB. REF:	M47J012008	M47J012008	M47J012008		

ACCESSION:

PARAMETER	BLNK RSLT ug/L	SPIKE AMT ug/L	BS RSLT ug/L	BS % REC	SPIKE AMT ug/L	BSD RSLT ug/L	BSD % REC	RPD %	QC LIMIT %	MAX RPD %
Mercury	ND	5.00	4.99	100	5.00	5.03	101	1	80-120	20

EMAX QUALITY CONTROL DATA
SERIAL DILUTION ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 7470A

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	1	5		
SAMPLE ID:	MW322-092706	MW322-092706DL		
EMAX SAMP ID:	I272-10	I272-10J		
LAB FILE ID:	M47J012023	M47J012024		
DATE EXTRACTED:	10/12/0615:00	10/12/0615:00	DATE COLLECTED:	09/27/06
DATE ANALYZED:	10/12/0618:57	10/12/0618:59	DATE RECEIVED:	09/28/06
PREP. BATCH:	HGJ021W	HGJ021W		
CALIB. REF:	M47J012020	M47J012020		

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SERIAL DIL RSLT (ug/L)	DIF RSLT %	QC LIMIT (%)
Mercury	ND	ND	0	10

EMAX QUALITY CONTROL DATA
ANALYTICAL SPIKE ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
SDG NO.: 06J067
METHOD: METHOD 7470A

MATRIX:	WATER		% MOISTURE:	NA
DILTN FACTR:	1	1		
SAMPLE ID:	MW322-092706			
CONTROL NO.:	I272-10	I272-10A		
LAB FILE ID:	M47J012023	M47J012022		
DATIME EXTRCTD:	10/12/0615:00	10/12/0615:00	DATE COLLECTED:	09/27/06
DATIME ANALYZD:	10/12/0618:57	10/12/0618:55	DATE RECEIVED:	09/28/06
PREP. BATCH:	HGJ021W	HGJ021W		
CALIB. REF:	M47J012020	M47J012020		

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	AS RSLT (ug/L)	AS % REC	QC LIMIT (%)
Mercury	ND	2.00	1.95	98	85-115

ANALYTICAL RUN LOG
for
MERCURY

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Start Date: 10/12/06 **Start Time:** 18:07

End Date: 10/12/06 **End Time:** 19:38

Comments:

QC OK

Book #: A47-48

Instrument No.: 47

Analytical Sequence/Batch: M47J012

Method File: Hg

SOP #	Rev. # NT 10/12/06
☑ EMAX-7470	~~3~~ 4
☐ EMAX-7471	3
☐ EMAX-CLP-245.5	
☐ EMAX-CLP-245.1	
☐ EMAX-	

STANDARDS ID	
S1	BLANK
S2	SM3B-07-025
S3	↓
S4	
S5	
S6	
ICV	SM3B-07-026
CCV	↓
LCS	
Analytical Spike	
SM3B-07-006	

Analyzed By: NT

Date: 10/12/06

"M47J012"

EMAXlfid	EMAXlsid	conc	Raw_resp	rsd/rf	adatetime	DF
M47J012000	STD1REP1	0	8381		10/12/0618:07	1
M47J012001	STD2REP1	.2	25830		10/12/0618:09	1
M47J012002	STD3REP1	1	92610		10/12/0618:11	1
M47J012003	STD4REP1	2	186782		10/12/0618:13	1
M47J012004	STD5REP1	5	450888		10/12/0618:15	1
M47J012005	STD6REP1	10	860633		10/12/0618:17	1
M47J012006	ICV	2.01	183276	0	10/12/0618:20	1
M47J012007	ICB	-.077	4662	0	10/12/0618:23	1
M47J012008	CCV1	5.16	453111	0	10/12/0618:25	1
M47J012009	CCB1	-.112	1658	0	10/12/0618:27	1
M47J012010	HGJ020WB	-.138	-591	0	10/12/0618:29	1
M47J012011	HGJ020WL	5	438894	0	10/12/0618:31	1
M47J012012	HGJ020WC	5.06	444281	0	10/12/0618:33	1
M47J012013	J101-01A	1.84	168350	0	10/12/0618:36	1
M47J012014	J101-01	-.092	3361	0	10/12/0618:38	1
M47J012015	J101-01J	-.069	5356	0	10/12/0618:40	5
M47J012016	J101-02	-.077	4607	0	10/12/0618:42	1
M47J012017	HGJ021WB	-.102	2458	0	10/12/0618:44	1
M47J012018	HGJ021WL	4.99	438708	0	10/12/0618:47	1
M47J012019	HGJ021WC	5.03	441895	0	10/12/0618:48	1
M47J012020	CCV2	5.07	445249	0	10/12/0618:50	1
M47J012021	CCB2	-.079	4417	0	10/12/0618:53	1
M47J012022	I272-10A	1.95	177793	0	10/12/0618:55	1
M47J012023	I272-10	-.052	6805	0	10/12/0618:57	1
M47J012024	I272-10J	-.135	-301	0	10/12/0618:59	5
M47J012025	I272-10M	5	438914	0	10/12/0619:01	1
M47J012026	I272-10S	4.89	429405	0	10/12/0619:03	1
M47J012027	I272-02	-.058	6245	0	10/12/0619:05	1
M47J012028	I272-03	-.069	5300	0	10/12/0619:07	1
M47J012029	I272-04	-.08	4344	0	10/12/0619:09	1
M47J012030	I272-05	-.07	5213	0	10/12/0619:11	1
M47J012031	I272-06	-.054	6637	0	10/12/0619:13	1
M47J012032	CCV3	5.09	446670	0	10/12/0619:15	1
M47J012033	CCB3	-.091	3456	0	10/12/0619:17	1
M47J012034	I272-07	-.085	3922	0	10/12/0619:19	1
M47J012035	I272-08	-.054	6597	0	10/12/0619:21	1
M47J012036	I272-09	-.058	6290	0	10/12/0619:23	1
M47J012037	J046-02	-.098	2808	0	10/12/0619:25	1
M47J012038	J067-02	-.074	4890	0	10/12/0619:28	1
M47J012039	J067-03	-.003	10960	0	10/12/0619:30	1
M47J012040	J067-05	.233	31166	0	10/12/0619:32	1
M47J012041	J095-01	-.047	7222	0	10/12/0619:33	1
M47J012042	CCV4	5.02	440990	0	10/12/0619:36	1
M47J012043	CCB4	-.126	396	0	10/12/0619:38	1
**********	**********	**********	**********	**********	**********	***
EMAXlfid	EMAXlsid	Xint	Yint	rrf	adatetime	DF
M47J012000	BLANK	-.1324138	11329.01	.9997897	10/12/0619:38	1

RunProt: HGCOM

RunFold: M473012 Seq: 6 Batch:

Prnt: R/T On Pump: On

Rev: 4.2 18:18:53 12 Oct 2006 Xmit: Off Gas: 0.35 LPM

State: Idle User: MT A/S: On

CALIBRATION: Line proto: HGCOM

	Hg Conc.	Calc.	Dev.	Accepted ->linear
S1	.000	-.033	-.033	Quadratic
S2	.200	.171	-.029	Wtdlinear
S3	1.00	.951	-.049	C
S4	2.00	2.05	.051	Accept o
S5	5.00	5.14	.137	n
S6	10.0	9.92	-.076	c

A .0000000 r .999790

B 1.16831e-5 C -1.31082e-1

Relative Absorbance

	Mean			
S1	8361	0	SD	8361
S2	25830	0	%RSD	25830
S3	92610	0	%RSD	92610
S4	186782	0	%RSD	186782
S5	450888	0	%RSD	450888
S6	860633	0	%RSD	860633

New cal coefficients stored

DIGESTION LOG FOR MERCURY

SOP ☑ EMAX-7470 Rev. No.3 ☐ EMAX-7471 Rev. No.3 ☐ EMAX-CLP-245.5 ☐ EMAX-CLP-245.1 ☐

Matrix: Water Start Date: 10/12/06 Time: 15:00 Ending Date: 10/12/06 Time: 17:30 Book # E47-049

BATCH: HG J021 WJ

Sample Prep ID	Lab Sample ID	Matrix Description Color	Matrix Description Texture / Clarity	Matrix Description Artifacts	Sample Amount (g / ml)	Dry Weight	pH	Extract Volume (ml)	Matrix Description Color	Matrix Description Clarity
01	S-0	Cr	Cr	N/A	0	N/A	N/A	75	Cr	Cr
02	0.2				0.2					
03	1				1					
04	2				2					
05	5				5					
06	10				10					
07	ICV				2					
08	ICB				0					
09	CCV				5					
10	CCB				0					
11	HGJ021 WB				50					
12	WL									
13	WC									
14	I272-02						<2			
15	03						<2			
16	04						<2			
17	05						<2			
18	06						<2			
19	07						<2			
20	08						<2			
21	09						<2			
22	10						<2			
23	10M						<2			
24	10S						<2			
25	J046-02						<2			
26	J067-02						<2			
27	03						<2			
28	05	Bn	Td				<2			
29	J095-01	Cr	Cr				<2			

NT 10/12/06

Standards	ID	Conc. (µg/L)	Amount Added (ml)
ICAL	SM3B-07-025	50	0.2,1,2,5,10
ICV	SM3B-07-026		2
CCV/MS			5
LCS			5
Reagent	Lot# / ID		
HNO_3 NT 10/12/06	SW1A-03-0382		
HCl	SW N/A		NT 10/12
H_2SO_4	SW1A-03-381		
$KMnO_4$	SM5B-02-54		
$K_2S_2O_8$		55	
$NH_2OH.HCl$		56	
$SnCl_2$		57	

Temp of Digestion Bath: 95 °C

Legend

Color			
Bu = blue	Cs = Coarse	Cr = Clear	Rk = rocks
Bk = black	Md = Medium	Cy = Cloudy	Sl = Shale
Bn = Brown	Fn = Fine	Td = Turbid	Vg=Vegetation
Gn = Green			
Og = Orange			
Rd = Red			
Yw = Yellow			

Comments:

Prepared By: NT

Standard Added By: NT Witnessed By: MC

Checked By:

Disposed By: Date Disposed:

EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

LABORATORY REPORT FOR

TETRA TECH, INC.

LMC BEAUMONT SITE 2

WET CHEMICAL ANALYSES

SDG#: 06J067

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J067

METHOD 160.1
TOTAL DISSOLVED SOLIDS

Three (3) water samples were received on 10/06/06 for Total Dissolved Solids analysis by Method 160.1 in accordance with "Method for Chemical Analysis of Water and Wastewater", EPA 600/4-79-020 (1983).

1. Holding Time

Analysis met holding time criteria.

2. Method Blank

Method blank was free of contamination at the reporting limit.

3. Lab Control Sample/Lab Control Sample Duplicate

Lab control results were within QC limit.

4. Duplicate

Duplicate sample was not designated in this SDG.

5. Sample Analysis

Samples were analyzed according to the prescribed QC procedures. All criteria were met.

METHOD 160.1
TOTAL DISSOLVED SOLIDS

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2
Batch No. : 06J067

Matrix : WATER
Instrument ID : I40706360

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	TDJ005WB	ND	1	NA	10.0	5.00	10/13/0611:46	10/12/0615:58	TDJ005-01	NA	TDJ005W	NA	10/12/06
LCS1W	TDJ005WL	185	1	NA	10.0	5.00	10/13/0611:47	10/12/0615:58	TDJ005-02	NA	TDJ005W	NA	10/12/06
LCD1W	TDJ005WC	195	1	NA	10.0	5.00	10/13/0611:47	10/12/0615:58	TDJ005-03	NA	TDJ005W	NA	10/12/06
LEB-100506-B	J067-02	50.0	1	NA	10.0	5.00	10/13/0611:48	10/12/0615:58	TDJ005-07	NA	TDJ005W	10/05/06	10/06/06
TT-MW2-11	J067-03	1080	1	NA	10.0	5.00	10/13/0611:48	10/12/0615:58	TDJ005-08	NA	TDJ005W	10/05/06	10/06/06
TT-MW2-12	J067-05	1030	1	NA	10.0	5.00	10/13/0611:49	10/12/0615:58	TDJ005-09	NA	TDJ005W	10/05/06	10/06/06

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
METHOD: METHOD 160.1
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 06J067
SAMPLE ID: LCS1W/LCD1W
CONTROL NO.: TDJ005WL/C

DATE RECEIVED: 10/12/06
DATE EXTRACTED: 10/12/06 15:58
DATE ANALYZED: 10/13/06 11:47/11:47

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
TDS	ND	178	185	104	178	195	110	5	80-120	20

ANALYSIS LOG
for
GRAVIMETRIC

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AG-V-023

Balance ID: ☑ 40706360 ☐ 37030058

Analytical Batch: TDJ005

SOP #	Rev. #
☑ EMAX-160.1	3
☐ EMAX-160.2	2
☐ EMAX-160.3	1
☐ EMAX-160.4	0
☐ EMAX-160.5	0
☐ EMAX-	

STANDARDS ID	CONC. (mg/L)
LCS SW7A-07-073	178 mg/L

Analyzed By: KH

Date: 10/13/06

EMAX LABORATORIES, INC.

GRAVIMETRIC CALCULATION

Analytical Batch: TDJ005 | Start Date/Time: 10/12/06 15:58 | Temp IN(°C): 105

Balance ID: 40706360 | End Date/Time: 10/13/06 11:52 | Temp Out(°C): 180

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish (g)	Dry Weight + Dish (g)	SOLIDS (mg)	RESULT (mg/L)	NOTES
TDJ005 01	TDJ005WB	100	64.4865	64.4862	-0.3000	ND	
TDJ005 02	TDJ005WL	20	13.069	13.0727	3.7000	185	104
TDJ005 03	TDJ005WC	20	13.2925	13.2964	3.9000	195	110
TDJ005 04	J050-01	20	13.0745	13.0841	9.6000	480	
TDJ005 05	J058-03	20	13.0407	13.0476	6.9000	345	
TDJ005 06	J058-04	20	13.2549	13.2618	6.9000	345	
TDJ005 07	J067-02	20	13.0924	13.0934	1.0000	50	
TDJ005 08	J067-03	20	13.1956	13.2172	21.6000	1080	
TDJ005 09	J067-05	20	13.0169	13.0376	20.7000	1030	
TDJ005 10	J071-02	20	13.0986	13.1061	7.5000	375	
TDJ005 11	J071-04	20	13.0707	13.0786	7.9000	395	
TDJ005 12	J071-05	20	13.3031	13.3184	15.3000	765	
TDJ005 13	J071-06	20	13.239	13.2482	9.2000	460	
TDJ005 14	J071-07	20	13.1749	13.1838	8.9000	445	
TDJ005 15	J083-02	20	13.2521	13.2598	7.7000	385	
TDJ005 16	J095-01	20	13.237	13.24	3.0000	150	
TDJ005 17	J101-01	20	13.2835	13.3051	21.6000	1080	
TDJ005 18	J101-02	20	13.1086	13.1306	22.0000	1100	
TDJ005 19	J461-01	20	13.1686	13.1851	16.5000	825	
TDJ005 20	J462-01	20	13.0596	13.0738	14.2000	710	
TDJ005 21	J462-01D	20	13.1336	13.1476	14.0000	700	

LCS Concentration: 178 mg/L | MDL(mg/L): 5 | Initial Reading by: KH

SOP: EMAX160.1 Rev. 3 | RL (mg/L): 10 | Final Reading by: KH

COMMENTS:

Reviewed by: [illegible]

EMAX LABORATORIES, INC.

GRAVIMETRIC ANALYSES
RAW DATA

06TDJ005

Analytical Batch: TDJ005 Instrument ID: 40706360 Oven Temp IN (°C): 105 Oven Temp OUT (°C): 180 SOP: EMAX160.1 Rev.

DATA FILE ID	Sample ID	Sample Amount (ml)	Dish #	Dish (g)	Date	Time	1st Dry Weight + Dish (g)	Date	Time	2nd Dry Weight + Dish (g)	Date	Time	3rd Dry Weight + Dish (g)	Date	Time	Difference 2nd & 3rd Dry Wt. Rdg. (<0.5mg)
TDJ005 01	TDJ005WB	100	B	64.4865	10/12/06	15:58	64.4865	10/13/06	8:58	64.4862	10/13/06	11:46	64.4862	10/13/06	11:46	0.0
TDJ005 02	TDJ005WL	20	1	13.0690	10/12/06	15:58	13.0726	10/13/06	8:58	13.0727	10/13/06	11:47	13.0727	10/13/06	11:47	0.0
TDJ005 03	TDJ005WC	20	2	13.2925	10/12/06	15:59	13.2965	10/13/06	8:58	13.2964	10/13/06	11:47	13.2964	10/13/06	11:47	0.0
TDJ005 04	J050-01	20	3	13.0745	10/12/06	15:59	13.0843	10/13/06	8:58	13.0841	10/13/06	11:47	13.0841	10/13/06	11:47	0.0
TDJ005 05	J058-03	20	4	13.0407	10/12/06	15:59	13.0477	10/13/06	8:58	13.0476	10/13/06	11:48	13.0476	10/13/06	11:48	0.0
TDJ005 06	J058-04	20	5	13.2549	10/12/06	15:59	13.2618	10/13/06	8:59	13.2618	10/13/06	11:48	13.2618	10/13/06	11:48	0.0
TDJ005 07	J067-02	20	6	13.0924	10/12/06	15:59	13.0933	10/13/06	8:59	13.0934	10/13/06	11:48	13.0934	10/13/06	11:48	0.0
TDJ005 08	J067-03	20	7	13.1956	10/12/06	16:00	13.2173	10/13/06	8:59	13.2172	10/13/06	11:48	13.2172	10/13/06	11:48	0.0
TDJ005 09	J067-05	20	8	13.0169	10/12/06	16:00	13.0376	10/13/06	8:59	13.0376	10/13/06	11:49	13.0376	10/13/06	11:49	0.0
TDJ005 10	J071-02	20	9	13.0986	10/12/06	16:00	13.1061	10/13/06	8:59	13.1061	10/13/06	11:49	13.1061	10/13/06	11:49	0.0
TDJ005 11	J071-04	20	10	13.0707	10/12/06	16:01	13.0786	10/13/06	9:00	13.0786	10/13/06	11:49	13.0786	10/13/06	11:49	0.0
TDJ005 12	J071-05	20	11	13.3031	10/12/06	16:01	13.3186	10/13/06	9:00	13.3184	10/13/06	11:50	13.3184	10/13/06	11:50	0.0
TDJ005 13	J071-06	20	12	13.2390	10/12/06	16:01	13.2480	10/13/06	9:00	13.2482	10/13/06	11:50	13.2482	10/13/06	11:50	0.0
TDJ005 14	J071-07	20	13	13.1749	10/12/06	16:01	13.1839	10/13/06	9:00	13.1838	10/13/06	11:50	13.1838	10/13/06	11:50	0.0
TDJ005 15	J083-02	20	14	13.2521	10/12/06	16:02	13.2599	10/13/06	9:00	13.2598	10/13/06	11:50	13.2598	10/13/06	11:50	0.0
TDJ005 16	J095-01	20	15	13.2370	10/12/06	16:02	13.2400	10/13/06	9:01	13.2400	10/13/06	11:51	13.2400	10/13/06	11:51	0.0
TDJ005 17	J101-01	20	16	13.2835	10/12/06	16:02	13.3053	10/13/06	9:01	13.3051	10/13/06	11:51	13.3051	10/13/06	11:51	0.0
TDJ005 18	J101-02	20	17	13.1086	10/12/06	16:02	13.1306	10/13/06	9:01	13.1306	10/13/06	11:51	13.1306	10/13/06	11:51	0.0
TDJ005 19	J461-01	20	18	13.1686	10/12/06	16:02	13.1852	10/13/06	9:01	13.1851	10/13/06	11:51	13.1851	10/13/06	11:51	0.0
TDJ005 20	J462-01	20	19	13.0596	10/12/06	16:03	13.074	10/13/06	9:02	13.0738	10/13/06	11:52	13.0738	10/13/06	11:52	0.0
TDJ005 21	J462-01D	20	20	13.1336	10/12/06	16:03	13.1477	10/13/06	9:02	13.1476	10/13/06	11:52	13.1476	10/13/06	11:52	0.0

LCS Conc: 178 mg/L MDL: 5 mg/L RL: 10 mg/L

Initial Reading by: KH

COMMENTS:

Final Reading by: KH

Reviewed by: [illegible]

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J067

METHOD 300.0
ANIONS

Three (3) water samples were received on 10/06/06 for Chloride, Nitrate-N, and Sulfate analyses by method 300.0 in accordance with "Method for Determination of Inorganic Anions by Ion Chromatography", EPA 600/84-017.

1. Holding Time

Analyses met holding time criteria.

2. Method Blank

Method blanks were free of contamination at the reporting limit.

3. Lab Control Sample/Lab Control Sample Duplicate

Lab control results were within QC limits.

4. Duplicate

Duplicate sample was not designated in this SDG.

5. Matrix Spike

MS sample was not designated in this SDG.

6. Sample Analysis

Samples were analyzed according to the prescribed QC procedures. All criteria were met.

SAMPLE RESULTS

METHOD 300.0
CHLORIDE

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2
Batch No. : 06J067

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICJ012WB	ND	1	NA	0.200	0.100	10/06/0614:17	NA	AJ05-66	AJ05-64	ICJ012W	NA	NA
LCS1W	ICJ012WL	4.89	1	NA	0.200	0.100	10/06/0614:41	NA	AJ05-67	AJ05-64	ICJ012W	NA	NA
LCD1W	ICJ012WC	4.89	1	NA	0.200	0.100	10/06/0615:51	NA	AJ05-68	AJ05-64	ICJ012W	NA	NA
LEB-100506-B	J067-02	0.493	1	NA	0.200	0.100	10/07/0601:06	NA	AJ05-90	AJ05-88	ICJ012W	10/05/06	10/06/06
MBLK2W	ICJ019WB	ND	1	NA	0.200	0.100	10/11/0623:18	NA	AJ11-34	AJ11-25	ICJ019W	NA	NA
LCS2W	ICJ019WL	5.21	1	NA	0.200	0.100	10/11/0623:34	NA	AJ11-35	AJ11-25	ICJ019W	NA	NA
LCD2W	ICJ019WC	5.19	1	NA	0.200	0.100	10/11/0623:50	NA	AJ11-36	AJ11-25	ICJ019W	NA	NA
TT-MW2-11	J067-03	438	50	NA	10.0	5.00	10/12/0602:44	NA	AJ11-47	AJ11-37	ICJ019W	10/05/06	10/06/06
TT-MW2-12	J067-05	182	50	NA	10.0	5.00	10/12/0602:59	NA	AJ11-48	AJ11-37	ICJ019W	10/05/06	10/06/06

METHOD 300.0
NITRATE-N

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2
Batch No. : 06J067

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICJ012WB	ND	1	NA	0.100	0.0500	10/06/0614:17	NA	AJ05-66	AJ05-64	ICJ012W	NA	NA
LCS1W	ICJ012WL	5.03	1	NA	0.100	0.0500	10/06/0614:41	NA	AJ05-67	AJ05-64	ICJ012W	NA	NA
LCD1W	ICJ012WC	5.03	1	NA	0.100	0.0500	10/06/0615:51	NA	AJ05-68	AJ05-64	ICJ012W	NA	NA
TT-MW2-11	J067-03	13.2	5	NA	0.500	0.250	10/06/0623:54	NA	AJ05-87	AJ05-76	ICJ012W	10/05/06	10/06/06
LEB-100506-B	J067-02	ND	1	NA	0.100	0.0500	10/07/0601:06	NA	AJ05-90	AJ05-88	ICJ012W	10/05/06	10/06/06
TT-MW2-12	J067-05	0.0743J	1	NA	0.100	0.0500	10/07/0601:29	NA	AJ05-91	AJ05-88	ICJ012W	10/05/06	10/06/06

METHOD 300.0
SULFATE

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2
Batch No. : 06J067

Matrix : WATER
Instrument ID : I100

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ICJ012WB	ND	1	NA	0.500	0.250	10/06/0614:17	NA	AJ05-66	AJ05-64	ICJ012W	NA	NA
LCS1W	ICJ012WL	4.78	1	NA	0.500	0.250	10/06/0614:41	NA	AJ05-67	AJ05-64	ICJ012W	NA	NA
LCD1W	ICJ012WC	4.78	1	NA	0.500	0.250	10/06/0615:51	NA	AJ05-68	AJ05-64	ICJ012W	NA	NA
LEB-100506-B	J067-02	ND	1	NA	0.500	0.250	10/07/0601:06	NA	AJ05-90	AJ05-88	ICJ012W	10/05/06	10/06/06
MBLK2W	ICJ019WB	ND	1	NA	0.500	0.250	10/11/0623:18	NA	AJ11-34	AJ11-25	ICJ019W	NA	NA
LCS2W	ICJ019WL	5.07	1	NA	0.500	0.250	10/11/0623:34	NA	AJ11-35	AJ11-25	ICJ019W	NA	NA
LCD2W	ICJ019WC	5.05	1	NA	0.500	0.250	10/11/0623:50	NA	AJ11-36	AJ11-25	ICJ019W	NA	NA
TT-MW2-11	J067-03	83.2	50	NA	25.0	12.5	10/12/0602:44	NA	AJ11-47	AJ11-37	ICJ019W	10/05/06	10/06/06
TT-MW2-12	J067-05	183	50	NA	25.0	12.5	10/12/0602:59	NA	AJ11-48	AJ11-37	ICJ019W	10/05/06	10/06/06

QC SUMMARIES

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	ICJ012WB	ICJ012WL	ICJ012WC		
LAB FILE ID:	AJ05-66	AJ05-67	AJ05-68		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/06/0614:17	10/06/0614:41	10/06/0615:51	DATE RECEIVED:	NA
PREP. BATCH:	ICJ012W	ICJ012W	ICJ012W		
CALIB. REF:	AJ05-64	AJ05-64	AJ05-64		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	4.89	98	5.00	4.89	98	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	ICJ019WB	ICJ019WL	ICJ019WC		
LAB FILE ID:	AJ11-34	AJ11-35	AJ11-36		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/11/0623:18	10/11/0623:34	10/11/0623:50	DATE RECEIVED:	NA
PREP. BATCH:	ICJ019W	ICJ019W	ICJ019W		
CALIB. REF:	AJ11-25	AJ11-25	AJ11-25		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Chloride-Cl	ND	5.00	5.21	104	5.00	5.19	104	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	ICJ012WB	ICJ012WL	ICJ012WC		
LAB FILE ID:	AJ05-66	AJ05-67	AJ05-68		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/06/0614:17	10/06/0614:41	10/06/0615:51	DATE RECEIVED:	NA
PREP. BATCH:	ICJ012W	ICJ012W	ICJ012W		
CALIB. REF:	AJ05-64	AJ05-64	AJ05-64		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Nitrate-N	ND	5.00	5.03	101	5.00	5.03	101	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	ICJ012WB	ICJ012WL	ICJ012WC		
LAB FILE ID:	AJ05-66	AJ05-67	AJ05-68		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/06/0614:17	10/06/0614:41	10/06/0615:51	DATE RECEIVED:	NA
PREP. BATCH:	ICJ012W	ICJ012W	ICJ012W		
CALIB. REF:	AJ05-64	AJ05-64	AJ05-64		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	4.78	96	5.00	4.78	96	0	90-110	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 300.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	ICJ019WB	ICJ019WL	ICJ019WC		
LAB FILE ID:	AJ11-34	AJ11-35	AJ11-36		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/11/0623:18	10/11/0623:34	10/11/0623:50	DATE RECEIVED:	NA
PREP. BATCH:	ICJ019W	ICJ019W	ICJ019W		
CALIB. REF:	AJ11-25	AJ11-25	AJ11-25		

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Sulfate	ND	5.00	5.07	101	5.00	5.05	101	0	90-110	20

INITIAL CALIBRATION

CALIBRATION OF COMPONENT chloride

Method: IC100-I26.mtw
Equation: Q = 0.00510877·A + 0.00409363
RSD: 2.263 %
Correlation coefficient: 0.999881

K3 = 0 K2 = 0 K1 = 0.00510877 K0 = 0.00409363
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	1.623	16.68	0.1	1	5.282	Yes	q9261820.chw
2	3.389	34.49	0.2	1	5.282	Yes	q9261845.chw
3	8.784	86.53	0.5	1	5.282	Yes	q9261910.chw
4	51.36	534.1	2.5	1	5.282	Yes	q9261934.chw
5	101.8	952.3	5	1	5.282	Yes	q9261959.chw
6	209.5	1949	10	1	5.282	Yes	q9262024.chw
7	415.8	3918	20	1	5.282	Yes	q9262048.chw

AM 9-28-06

CALIBRATION OF COMPONENT nitrate

Method: IC100-I26.mtw
Equation: Q = 0.00203338·A + 0.0457917
RSD: 0.728 %
Correlation coefficient: 0.999988

K3 = 0 K2 = 0 K1 = 0.00203338 K0 = 0.0457917
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	2.735	41.91	0.1	1	8.66	Yes	q9261820.chw
2	5.609	84.31	0.2	1	8.66	Yes	q9261845.chw
3	15.18	222.7	0.5	1	8.66	Yes	q9261910.chw
4	82.95	1216	2.5	1	8.66	Yes	q9261934.chw
5	164.3	2399	5	1	8.66	Yes	q9261959.chw
6	327.8	4889	10	1	8.66	Yes	q9262024.chw
7	641.3	9824	20	1	8.66	Yes	q9262048.chw

mu 9-28-06

CALIBRATION OF COMPONENT sulfate

Method: IC100-I26.mtw
Equation: Q = 0.00684091·A + 0.0830383
RSD: 2.221 %
Correlation coefficient: 0.999885

K3 = 0 K2 = 0 K1 = 0.00684091 K0 = 0.0830383
Base: Area
Ref.channel: ch1
ISTD:
Formula: Linear
Weight: 1

Level	Height	Area	Conc.	Vol/Dil	Retention	Used	File
1	0.7468	19.41	0.1	1	11.76	Yes	q9261820.chw
2	1.424	28.76	0.2	1	11.76	Yes	q9261845.chw
3	3.464	68.78	0.5	1	11.76	Yes	q9261910.chw
4	18.87	341.3	2.5	1	11.76	Yes	q9261934.chw
5	38.93	693.7	5	1	11.76	Yes	q9261959.chw
6	80.72	1437	10	1	11.76	Yes	q9262024.chw
7	163.1	2924	20	1	11.76	Yes	q9262048.chw

9-28-06

SECOND SOURCE

IC Result Check FormVersion : QG1

LFID	LSID	Selection	phosphate	nitrite	chloride	fluoride	bromide	nitrate	sulfate	Iodide	RawNetID	DF
AI26-10	ICV	PICFBNSO	97.8%	97.3%	98.9%	98.6%	96.1%	99.1%	94%	91.7%	q9262113	1
AI26-11	ICB	PICFBNSO	0	0	0	0	0	0	0	0	q9262138	1

DAILY CALIBRATION

IC Result Check FormVersion : QJ1

LFID	LSID	Selection	Iodide	bromide	fluoride	chloride	nitrite	nitrate	phosphate	sulfate	RawNetID	DF
AJ05-01	CCV56	OBFCINPS	96.6%	95.1%	101.4%	98.5%	100.5%	98.2%	96%	95.6%	qa051032	1
AJ05-02	CCB56	OBFCINPS	0	0	0	0	0	0	0	0	qa051058	1
AJ05-13	CCV57	OBFCINPS	96.1%	96.5%	101.9%	100%	101.6%	99%	98.5%	96.8%	qa051511	1
AJ05-14	CCB57	OBFCINPS	0	0	0	0	0	0	0	0	qa051535	1
[illegible]25	CCV58	OBFCINPS	96.6%	97.1%	102.6%	100.4%	102.1%	99.4%	99.8%	97.4%	qa052109	1
[illegible]-26	CCB58	OBFCINPS	0	0	0	0	0	0	0	0	qa052133	1
AJ05-37	CCV59	OBFCINPS	96.1%	97.5%	103.9%	100.7%	102.8%	99.9%	98.7%	97.6%	qa060154	1
AJ05-38	CCB59	OBFCINPS	0	0	0	0	0	0	0	0	qa060217	1
AJ05-49	CCV60	OBFCINPS	95.8%	99.6%	101%	100.6%	105.2%	102.5%	96%	97.7%	qa060639	1
AJ05-50	CCB60	OBFCINPS	0	0	0	0	0	0	0	0	qa060702	1
AJ05-61	CCV61	OBFCINPS	95%	99.4%	103.4%	100%	105.6%	103%	96.4%	97.7%	qa061123	1
AJ05-62	CCB61	OBFCINPS	0	0	0	0	0	0	0	0	qa061147	1
AJ05-64	CCV62	OBFCINPS	96.6%	98%	104.3%	101.1%	103.2%	100.3%	99.9%	98.1%	qa061235	1
AJ05-65	CCB62	OBFCINPS	0	0	0	0	0	0	0	0	qa061259	1
AJ05-76	CCV63	OBFCINPS	97%	98.2%	100.1%	98%	103.1%	100.8%	96.8%	96%	qa061904	1
AJ05-77	CCB63	OBFCINPS	0	0	0	0	0	0	0	0	qa061927	1
AJ05-88	CCV64	OBFCINPS	96.9%	99.1%	99.6%	98.7%	99.9%	95.5%	100.6%	96.4%	qa070018	1
AJ05-89	CCB64	OBFCINPS	0	0	0	0	0	0	0	0	qa070042	1
AJ05-96	CCV65	OBFCINPS	94.7%	97.4%	97.9%	97%	98.4%	93.7%	97%	94.9%	qa070328	1
AJ05-97	CCB65	OBFCINPS	0	0	0	0	0	0	0	0	qa070352	1

IC Result Check FormVersion : QJ1

LFID	LSID	Selection	Iodide	bromide	phosphate	sulfate	nitrate	fluoride	chloride	nitrite	RawNetID	DF
AJ11-01	CCV80	OBPSNFCI	0%*	93.7%	102.4%	94.3%	98.1%	100.9%	97.2%	99.6%	qa111132	1
AJ11-02	CCB80	OBPSNFCI	0	0	0	0	0	0	0	0	qa111148	1
AJ11-13	CCV81	OBPSNFCI	0%*	101.4%	109.2%	100.2%	104.9%	106.5%	104.8%	107.1%	qa111627	1
AJ11-14	CCB81	OBPSNFCI	0	0	0	0	0	0	0	0	qa11164	1
AJ11-25	CCV82	OBPSNFCI	0%*	103.2%	110.1%*	102.1%	105.8%	109.4%	104.8%	108.3%	qa11205	1
AJ11-26	CCB82	OBPSNFCI	0	0	0	0	0	0	0	0	qa112112	1
AJ11-37	CCV83	OBPSNFCI	0%*	103.7%	110.1%*	102.6%	106.2%	110%	105.4%	108.9%	qa120006	1
AJ11-38	CCB83	OBPSNFCI	0	0	0	0	0	0	0	0	qa120021	1
AJ11-49	CCV84	OBPSNFCI	0%*	103.9%	109.9%	102.7%	106.3%	110.3%*	105.6%	109.2%	qa120315	1
AJ11-50	CCB84	OBPSNFCI	0	0	0	0	0	0	0	0	qa120331	1
AJ11-61	CCV85	OBPSNFCI	0%*	104.6%	111%*	103.4%	106.6%	109%	106.8%	109.5%	qa120624	1
AJ11-62	CCB85	OBPSNFCI	0	0	0	0	0	0	0.0445755	0	qa120640	1
AJ11-73	CCV86	OBPSNFCI	0%*	104.5%	111.1%*	103.3%	107.1%	111.2%*	106.2%	109.6%	qa120934	1
AJ11-74	CCB86	OBPSNFCI	0	0	0	0	0	0	0	0	qa120950	1
AJ11-83	CCV87	OBPSNFCI	0%*	105.1%	109.7%	104.1%	106%	109.4%	107%	108%	qa121254	1
AJ11-84	CCB87	OBPSNFCI	0	0	0	0	0	0	0	0	qa121310	1

ANALYTICAL LOG

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Conc. of : S1 — 0.1 ppm
S2 — 0.2 ppm
S3 — 0.5 ppm
S4 — 2.5 ppm
S5 — 5.0 ppm
S6 — 10.0 ppm
S7 — 20.0 ppm

Linear range (PPM)

F	5
Cl	20
NO_2-N	5
Br	20
NO_3 N	20
PO_4-P	5
SO_4	20
I	20

Book #: A100-09

Instrument No.: 100

Analytical Sequence: AI26

Method File: IC100 - I26. mtw

Analytical Batch: IC1045W

SOP #	Rev. #
☑ EMAX-300.0	3
☑ EMAX-9056	2
☐ EMAX-	

STANDARDS ID	
ICAL	S11B - 05 - 8 - 3
ICV	9 - 1
CCV	9 - 3
LCS	10 - 1
MS	N / A

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC METROHM	
☐	

Analyzed By: go

Date: 09/26/06

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2 F
q9261731.chw	IC100-126.mtw	A126-01 IB	1	1.0	1.0	1.0	100.0	0		
q9261755.chw	IC100-126.mtw	A126-02 S0	2	1.0	1.0	1.0	100.0	0		
q9261820.chw	IC100-126.mtw	A126-03 S1	3	1.0	1.0	1.0	100.0	1		
q9261845.chw	IC100-126.mtw	A126-04 S2	4	1.0	1.0	1.0	100.0	2		
q9261910.chw	IC100-126.mtw	A126-05 S3	5	1.0	1.0	1.0	100.0	3		
q9261934.chw	IC100-126.mtw	A126-06 S4	6	1.0	1.0	1.0	100.0	4		
q9261959.chw	IC100-126.mtw	A126-07 S5	7	1.0	1.0	1.0	100.0	5		
q9262024.chw	IC100-126.mtw	A126-08 S6	8	1.0	1.0	1.0	100.0	6		
q9262048.chw	IC100-126.mtw	A126-09 S7	9	1.0	1.0	1.0	100.0	7		
q9262113.chw	IC100-126.mtw	A126-10 ICV	10	1.0	1.0	1.0	100.0	0		
q9262138.chw	IC100-126.mtw	A126-11 ICB	11	1.0	1.0	1.0	100.0	0		
q9262203.chw	IC100-126.mtw	A126-12 MDLV-W	12	1.0	1.0	1.0	100.0	0		
q9262227.chw	IC100-126.mtw	A126-13 MDLV-S	13	1.0	1.0	1.0	100.0	0		
q9262252.chw	IC100-126.mtw	A126-14 CCV1	14	1.0	1.0	1.0	100.0	0		
q9262317.chw	IC100-126.mtw	A126-15 CCB1	15	1.0	1.0	1.0	100.0	0		
q9262342.chw	IC100-126.mtw	A126-16 IC1045WB	16	1.0	1.0	1.0	100.0	0		
q9270006.chw	IC100-126.mtw	A126-17 IC1045WL	17	1.0	1.0	1.0	100.0	0		
q9270031.chw	IC100-126.mtw	A126-18 IC1045WC	18	1.0	1.0	1.0	100.0	0		
q9270056.chw	IC100-126.mtw	A126-19 I076-04	19	1.0	1.0	1.0	100.0	0		
q9270121.chw	IC100-126.mtw	A126-20 I076-05	20	1.0	1.0	1.0	100.0	0		
q9270145.chw	IC100-126.mtw	A126-21 I158-05	21	1.0	1.0	1.0	100.0	0		
q9270210.chw	IC100-126.mtw	A126-22 I158-06	22	1.0	1.0	1.0	100.0	0		
q9270235.chw	IC100-126.mtw	A126-23 I017-01	23	1.0	1.0	1.0	100.0	0		
q9270300.chw	IC100-126.mtw	A126-24 I046-03 DF=200	24	1.0	200.0	1.0	100.0	0		
q9270324.chw	IC100-126.mtw	A126-25 RINSE	25	1.0	1.0	1.0	100.0	0		
q9270349.chw	IC100-126.mtw	A126-26 CCV2	26	1.0	1.0	1.0	100.0	0		
q9270414.chw	IC100-126.mtw	A126-27 CCB2	27	1.0	1.0	1.0	100.0	0		
q9270439.chw	IC100-126.mtw	A126-28 I158-01	28	1.0	1.0	1.0	100.0	0		
q9270503.chw	IC100-126.mtw	A126-29 I158-02	29	1.0	1.0	1.0	100.0	0		
q9270528.chw	IC100-126.mtw	A126-30 I158-03 DF=2	30	1.0	2.0	1.0	100.0	0		
q9270553.chw	IC100-126.mtw	A126-31 I158-04 DF=5	31	1.0	5.0	1.0	100.0	0		
q9270618.chw	IC100-126.mtw	A126-32 I158-07 DF=5	32	1.0	5.0	1.0	100.0	0		
q9270643.chw	IC100-126.mtw	A126-33 I158-08 DF=5	33	1.0	5.0	1.0	100.0	0		
q9270707.chw	IC100-126.mtw	A126-34 I158-09	34	1.0	1.0	1.0	100.0	0		
q9270732.chw	IC100-126.mtw	A126-35 I076-01	35	1.0	1.0	1.0	100.0	0		
q9270756.chw	IC100-126.mtw	A126-36 I076-02	36	1.0	1.0	1.0	100.0	0		
q9270821.chw	IC100-126.mtw	A126-37 I076-03 DF=2	37	1.0	2.0	1.0	100.0	0		
q9270846.chw	IC100-126.mtw	A126-38 CCV3	38	1.0	1.0	1.0	100.0	0		

FINAL

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

AJ05-09, -20 → -22, -24, -28, -54, -71 & 72: Run at a higher dilution other than DF=1 due to dirty samples: yellowish / orangish & brownish turbid samples.

* See Run log for more details.

Book #: A100-09

Instrument No.: 100

Analytical Sequence: AJ05

Method File: IC100 - I26.mtw

Analytical Batch: ICJ010W + ICJ011W + ICJ012W

SOP #	Rev. #
☑ EMAX-300.0	3
☑ EMAX-9056	2
☐ EMAX-	

STANDARDS ID		
ICAL	S11B-05-8-3	
ICV		9-1
CCV		17-1
LCS		17-2
MS × DF	PO4P + NO2 + Fl = 2ppm ; All=5ppm ACC STD	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC METROHM	
☐	

Analyzed By: cd

Date: 10/05/06

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
qa051032.chw	IC100-I26.mtw	AJ05-01 CCV56	1	1.0	1.0	1.0	100.0	0		
qa051058.chw	IC100-I26.mtw	AJ05-02 CCB56	2	1.0	1.0	1.0	100.0	0		
qa051122.chw	IC100-I26.mtw	AJ05-03 ICJ010WB	3	1.0	1.0	1.0	100.0	0		
qa051146.chw	IC100-I26.mtw	AJ05-04 ICJ010WL	4	1.0	1.0	1.0	100.0	0		
qa051209.chw	IC100-I26.mtw	AJ05-05 ICJ010WC	5	1.0	1.0	1.0	100.0	0		
qa051233.chw	IC100-I26.mtw	AJ05-06 J042-01	6	1.0	1.0	1.0	100.0	0		
qa051249.chw	IC100-I26.mtw	AJ05-07 J034-04	7	1.0	1.0	1.0	100.0	0		
qa051313.chw	IC100-I26.mtw	AJ05-08 J034-11	8	1.0	1.0	1.0	100.0	0		
qa051336.chw	IC100-I26.mtw	AJ05-09 J034-08 DF=5 *	9	1.0	5.0	1.0	100.0	0		
qa051400.chw	IC100-I26.mtw	AJ05-10 J034-06	10	1.0	1.0	1.0	100.0	0		
qa051424.chw	IC100-I26.mtw	AJ05-11 J034-07	11	1.0	1.0	1.0	100.0	0		
qa051448.chw	IC100-I26.mtw	AJ05-12 RINSE	12	1.0	1.0	1.0	100.0	0		
qa051511.chw	IC100-I26.mtw	AJ05-13 CCV57	13	1.0	1.0	1.0	100.0	0		
qa051535.chw	IC100-I26.mtw	AJ05-14 CCB57	14	1.0	1.0	1.0	100.0	0		
qa051559.chw	IC100-I26.mtw	AJ05-15 J034-09	15	1.0	1.0	1.0	100.0	0		
qa051623.chw	IC100-I26.mtw	AJ05-16 J034-10	16	1.0	1.0	1.0	100.0	0		
qa051646.chw	IC100-I26.mtw	AJ05-17 J034-01	17	1.0	1.0	1.0	100.0	0		
qa051710.chw	IC100-I26.mtw	AJ05-18 J034-01D	18	1.0	1.0	1.0	100.0	0		
qa051734.chw	IC100-I26.mtw	AJ05-19 J034-01M	19	1.0	1.0	1.0	100.0	0		
qa051759.chw	IC100-I26.mtw	AJ05-20 J034-02 DF=2 *	20	1.0	2.0	1.0	100.0	0		
qa051823.chw	IC100-I26.mtw	AJ05-21 J034-03 DF=5 *	21	1.0	5.0	1.0	100.0	0		
qa051904.chw	IC100-I26.mtw	AJ05-22 J034-05 DF=2 *	22	1.0	2.0	1.0	100.0	0		
qa051928.chw	IC100-I26.mtw	AJ05-23 J034-12	23	1.0	1.0	1.0	100.0	0		
qa052045.chw	IC100-I26.mtw	AJ05-24 J034-14 DF=5 *	24	1.0	5.0	1.0	100.0	0		
qa052109.chw	IC100-I26.mtw	AJ05-25 CCV58	25	1.0	1.0	1.0	100.0	0		
qa052133.chw	IC100-I26.mtw	AJ05-26 CCB58	26	1.0	1.0	1.0	100.0	0		
qa052156.chw	IC100-I26.mtw	AJ05-27 J034-13	27	1.0	1.0	1.0	100.0	0		
qa052220.chw	IC100-I26.mtw	AJ05-28 J034-15 DF=5 *	28	1.0	5.0	1.0	100.0	0		
qa052244.chw	IC100-I26.mtw	AJ05-29 J034-16	29	1.0	1.0	1.0	100.0	0		
qa052307.chw	IC100-I26.mtw	AJ05-30 I281-03	30	1.0	1.0	1.0	100.0	0		
qa052331.chw	IC100-I26.mtw	AJ05-31 I281-04 DF=20	31	1.0	20.0	1.0	100.0	0		
qa052355.chw	IC100-I26.mtw	AJ05-32 I281-05 DF=50	32	1.0	50.0	1.0	100.0	0		
qa060019.chw	IC100-I26.mtw	AJ05-33 ICJ011WB	33	1.0	1.0	1.0	100.0	0		
qa060042.chw	IC100-I26.mtw	AJ05-34 ICJ011WL	34	1.0	1.0	1.0	100.0	0		
qa060106.chw	IC100-I26.mtw	AJ05-35 ICJ011WC	35	1.0	1.0	1.0	100.0	0		
qa060130.chw	IC100-I26.mtw	AJ05-36 I281-01	36	1.0	1.0	1.0	100.0	0		
qa060154.chw	IC100-I26.mtw	AJ05-37 CCV59	37	1.0	1.0	1.0	100.0	0		
qa060217.chw	IC100-I26.mtw	AJ05-38 CCB59	38	1.0	1.0	1.0	100.0	0		
qa060241.chw	IC100-I26.mtw	AJ05-39 I281-02	39	1.0	1.0	1.0	100.0	0		
qa060305.chw	IC100-I26.mtw	AJ05-40 I281-06 DF=5	40	1.0	5.0	1.0	100.0	0		
qa060329.chw	IC100-I26.mtw	AJ05-41 I281-07 DF=50	41	1.0	50.0	1.0	100.0	0		
qa060352.chw	IC100-I26.mtw	AJ05-42 I281-08 DF=10	42	1.0	10.0	1.0	100.0	0		
qa060416.chw	IC100-I26.mtw	AJ05-43 I281-09 DF=2	43	1.0	2.0	1.0	100.0	0		
qa060440.chw	IC100-I26.mtw	AJ05-44 J052-01	44	1.0	1.0	1.0	100.0	0		
qa060504.chw	IC100-I26.mtw	AJ05-45 J052-02	45	1.0	1.0	1.0	100.0	0		
qa060527.chw	IC100-I26.mtw	AJ05-46 J052-03	46	1.0	1.0	1.0	100.0	0		
qa060551.chw	IC100-I26.mtw	AJ05-47 J052-04	47	1.0	1.0	1.0	100.0	0		
qa060615.chw	IC100-I26.mtw	AJ05-48 J052-04D	48	1.0	1.0	1.0	100.0	0		
qa060639.chw	IC100-I26.mtw	AJ05-49 CCV60	49	1.0	1.0	1.0	100.0	0		
qa060702.chw	IC100-I26.mtw	AJ05-50 CCB60	50	1.0	1.0	1.0	100.0	0		
qa060726.chw	IC100-I26.mtw	AJ05-51 J052-04M	51	1.0	1.0	1.0	100.0	0		
qa060750.chw	IC100-I26.mtw	AJ05-52 J018-01	52	1.0	1.0	1.0	100.0	0		
qa060814.chw	IC100-I26.mtw	AJ05-53 J018-02	53	1.0	1.0	1.0	100.0	0		
qa060837.chw	IC100-I26.mtw	AJ05-54 J018-03 DF=5 *	54	1.0	5.0	1.0	100.0	0		
qa060901.chw	IC100-I26.mtw	AJ05-55 J018-04	55	1.0	1.0	1.0	100.0	0		
qa060925.chw	IC100-I26.mtw	AJ05-56 J018-05	56	1.0	1.0	1.0	100.0	0		
qa060948.chw	IC100-I26.mtw	AJ05-57 J018-06	57	1.0	1.0	1.0	100.0	0		
qa061012.chw	IC100-I26.mtw	AJ05-58 J018-04 DF=100	58	1.0	100.0	1.0	100.0	0		
qa061036.chw	IC100-I26.mtw	AJ05-59 J018-05 DF=100	59	1.0	100.0	1.0	100.0	0		

F1

FINAL

NOTE: * : Run samples at DF higher than 1 due to dirty samples: yellowish; greenish; brownish & turbid.

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2
qa061012.chw	IC100-126.mtw	AJ05-58 J018-04 DF=100	58	1.0	100.0	1.0	100.0	0		
qa061036.chw	IC100-126.mtw	AJ05-59 J018-05 DF=100	59	1.0	100.0	1.0	100.0	0		
qa061100.chw	IC100-126.mtw	AJ05-60 J034-08 DF=100	60	1.0	100.0	1.0	100.0	0		
qa061123.chw	IC100-126.mtw	AJ05-61 CCV61	61	1.0	1.0	1.0	100.0	0		
qa061147.chw	IC100-126.mtw	AJ05-62 CCB61	62	1.0	1.0	1.0	100.0	0		
qa061211.chw	IC100-126.mtw	AJ05-63 J034-11 DF=500	63	1.0	500.0	1.0	100.0	0		
qa061235.chw	IC100-126.mtw	AJ05-64 CCV62	64	1.0	1.0	1.0	100.0	0		
qa061259.chw	IC100-126.mtw	AJ05-65 CCB62	65	1.0	1.0	1.0	100.0	0		
qa061417.chw	IC100-126.mtw	AJ05-66 ICJ012WB	66	1.0	1.0	1.0	100.0	0		
qa061441.chw	IC100-126.mtw	AJ05-67 ICJ012WL	67	1.0	1.0	1.0	100.0	0		
qa061551.chw	IC100-126.mtw	AJ05-68 ICJ012WC	68	1.0	1.0	1.0	100.0	0		
qa061615.chw	IC100-126.mtw	AJ05-69 J057-01	69	1.0	1.0	1.0	100.0	0		
qa061639.chw	IC100-126.mtw	AJ05-70 J057-02	70	1.0	1.0	1.0	100.0	0		
qa061703.chw	IC100-126.mtw	AJ05-71 J057-03 DF=2	71	1.0	2.0	1.0	100.0	0		
qa061727.chw	IC100-126.mtw	AJ05-72 J057-04 DF=5	72	1.0	5.0	1.0	100.0	0		
qa061750.chw	IC100-126.mtw	AJ05-73 J057-05	73	1.0	1.0	1.0	100.0	0		
qa061814.chw	IC100-126.mtw	AJ05-74 J057-06	74	1.0	1.0	1.0	100.0	0		
qa061840.chw	IC100-126.mtw	AJ05-75 RINSE	75	1.0	1.0	1.0	100.0	0		
qa061904.chw	IC100-126.mtw	AJ05-76 CCV63	76	1.0	1.0	1.0	100.0	0		
qa061927.chw	IC100-126.mtw	AJ05-77 CCB63	77	1.0	1.0	1.0	100.0	0		
qa062000.chw	IC100-126.mtw	AJ05-78 J057-02D	78	1.0	1.0	1.0	100.0	0		
qa062038.chw	IC100-126.mtw	AJ05-79 J057-02M	79	1.0	1.0	1.0	100.0	0		
qa062108.chw	IC100-126.mtw	AJ05-80 J058-03	80	1.0	1.0	1.0	100.0	0		
qa062132.chw	IC100-126.mtw	AJ05-81 J058-04	81	1.0	1.0	1.0	100.0	0		
qa062155.chw	IC100-126.mtw	AJ05-82 J058-04D	82	1.0	1.0	1.0	100.0	0		
qa062219.chw	IC100-126.mtw	AJ05-83 J058-04M	83	1.0	1.0	1.0	100.0	0		
qa062243.chw	IC100-126.mtw	AJ05-84 J058-04S	84	1.0	1.0	1.0	100.0	0		
qa062307.chw	IC100-126.mtw	AJ05-85 J065-01	85	1.0	1.0	1.0	100.0	0		
qa062330.chw	IC100-126.mtw	AJ05-86 J067-03	86	1.0	1.0	1.0	100.0	0		
qa062354.chw	IC100-126.mtw	AJ05-87 J067-03 DF=5	87	1.0	5.0	1.0	100.0	0		
qa070018.chw	IC100-126.mtw	AJ05-88 CCV64	88	1.0	1.0	1.0	100.0	0		
qa070042.chw	IC100-126.mtw	AJ05-89 CCB64	89	1.0	1.0	1.0	100.0	0		
qa070106.chw	IC100-126.mtw	AJ05-90 J067-02	90	1.0	1.0	1.0	100.0	0		
qa070129.chw	IC100-126.mtw	AJ05-91 J067-05	91	1.0	1.0	1.0	100.0	0		
qa070153.chw	IC100-126.mtw	AJ05-92 I281-08 DF=20	92	1.0	20.0	1.0	100.0	0		
qa070217.chw	IC100-126.mtw	AJ05-93 J018-01 DF=5	93	1.0	5.0	1.0	100.0	0		
qa070241.chw	IC100-126.mtw	AJ05-94 J018-04 DF=200	94	1.0	200.0	1.0	100.0	0		
qa070305.chw	IC100-126.mtw	AJ05-95 J018-05 DF=200	95	1.0	200.0	1.0	100.0	0		
qa070328.chw	IC100-126.mtw	AJ05-96 CCV65	96	1.0	1.0	1.0	100.0	0		
qa070352.chw	IC100-126.mtw	AJ05-97 CCB65	97	1.0	1.0	1.0	100.0	0		

FINAL

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

* AJ11-11: NO DATA

* AJ11-12: Report at DF = 5 eventhough results = ND due to dirty sample: yellow/orange & turbid.

* see run log for more details.

Book #: A100-09

Instrument No.: 100

Analytical Sequence: AJ11

Method File: IC100 - I26. mtxx

Analytical Batch: ICJ018W + ICJ019W + ICJ020W

SOP #	Rev. #
☑ EMAX-300.0	3
☑ EMAX-9056	2
☐ EMAX-	

STANDARDS ID	
ICAL	SILB-05-8-3
ICV	9-1
CCV	19-1
LCS	19-2
MS X DF	PO4P + NO2 + Pb = 2ppm, All = 5ppm ACCTD

ELECTRONIC DATA ARCHIVAL	
Location	Date
☐ IC METROHM	
☐	

Analyzed By: [illegible]

Date: 10/11/06

File Name	Method	Ident	Vial	Volume	Dilution	Amount	Internal Standard Amount	Calibration Level	Sample Info 1	Sample Info 2 F1
qa111132.chw	IC100-126.mtw	AJ11-01 CCV80	1	1.0	1.0	1.0	100.0	0		
qa111148.chw	IC100-126.mtw	AJ11-02 CCB80	2	1.0	1.0	1.0	100.0	0		
qa111204.chw	IC100-126.mtw	AJ11-03 ICJ018WB	3	1.0	1.0	1.0	100.0	0		
qa111219.chw	IC100-126.mtw	AJ11-04 ICJ018WL	4	1.0	1.0	1.0	100.0	0		
qa111333.chw	IC100-126.mtw	AJ11-05 ICJ018WC	5	1.0	1.0	1.0	100.0	0		
qa111349.chw	IC100-126.mtw	AJ11-06 J092-02	6	1.0	1.0	1.0	100.0	0		
qa111405.chw	IC100-126.mtw	AJ11-07 J092-03	7	1.0	1.0	1.0	100.0	0		
qa111457.chw	IC100-126.mtw	AJ11-08 J092-04	8	1.0	1.0	1.0	100.0	0		
qa111517.chw	IC100-126.mtw	AJ11-09 J092-05	9	1.0	1.0	1.0	100.0	0		
qa111533.chw	IC100-126.mtw	AJ11-10 J092-06	10	1.0	1.0	1.0	100.0	0		
qa111548.chw	IC100-126.mtw	AJ11-11 NO DATA	11	1.0	1.0	1.0	100.0	0		
qa111612.chw	IC100-126.mtw	AJ11-12 J102-01 DF=5 *	12	1.0	1.0	1.0	100.0	0		
qa111627.chw	IC100-126.mtw	AJ11-13 CCV81	13	1.0	1.0	1.0	100.0	0		
qa111643.chw	IC100-126.mtw	AJ11-14 CCB81	14	1.0	1.0	1.0	100.0	0		
qa111659.chw	IC100-126.mtw	AJ11-15 J081-01 DF=250	15	1.0	250.0	1.0	100.0	0		
qa111715.chw	IC100-126.mtw	AJ11-16 J081-02 DF=5000	16	1.0	5000.0	1.0	100.0	0		
qa111733.chw	IC100-126.mtw	AJ11-17 J081-04 DF=5000	17	1.0	5000.0	1.0	100.0	0		
qa111805.chw	IC100-126.mtw	AJ11-17 J081-04 DF=5000	17	1.0	5000.0	1.0	100.0	0		
qa111824.chw	IC100-126.mtw	AJ11-18 J081-05 DF=5000	18	1.0	5000.0	1.0	100.0	0		
qa111922.chw	IC100-126.mtw	AJ11-19 J101-01	19	1.0	1.0	1.0	100.0	0		
qa111937.chw	IC100-126.mtw	AJ11-20 J101-02	20	1.0	1.0	1.0	100.0	0		
qa111953.chw	IC100-126.mtw	AJ11-21 J057-01 DF=500	21	1.0	500.0	1.0	100.0	0		
qa112009.chw	IC100-126.mtw	AJ11-22 J057-03 DF=500	22	1.0	500.0	1.0	100.0	0		
qa112025.chw	IC100-126.mtw	AJ11-23 J057-06 DF=500	23	1.0	500.0	1.0	100.0	0		
qa112040.chw	IC100-126.mtw	AJ11-24 J052-03 DF=100	24	1.0	100.0	1.0	100.0	0		
qa112056.chw	IC100-126.mtw	AJ11-25 CCV82	25	1.0	1.0	1.0	100.0	0		
qa112112.chw	IC100-126.mtw	AJ11-26 CCB82	26	1.0	1.0	1.0	100.0	0		
qa112128.chw	IC100-126.mtw	AJ11-27 J071-02 DF=10	27	1.0	10.0	1.0	100.0	0		
qa112144.chw	IC100-126.mtw	AJ11-28 J071-03 DF=10	28	1.0	10.0	1.0	100.0	0		
qa112159.chw	IC100-126.mtw	AJ11-29 J071-03D DF=10	29	1.0	10.0	1.0	100.0	0		
qa112215.chw	IC100-126.mtw	AJ11-30 J071-03M DF=10	30	1.0	10.0	1.0	100.0	0		
qa112231.chw	IC100-126.mtw	AJ11-31 J071-03S DF=10	31	1.0	10.0	1.0	100.0	0		
qa112247.chw	IC100-126.mtw	AJ11-32 J071-04 DF=10	32	1.0	10.0	1.0	100.0	0		
qa112303.chw	IC100-126.mtw	AJ11-33 J071-05 DF=10	33	1.0	10.0	1.0	100.0	0		
qa112318.chw	IC100-126.mtw	AJ11-34 ICJ019WB	34	1.0	1.0	1.0	100.0	0		
qa112334.chw	IC100-126.mtw	AJ11-35 ICJ019WL	35	1.0	1.0	1.0	100.0	0		
qa112350.chw	IC100-126.mtw	AJ11-36 ICJ019WC	36	1.0	1.0	1.0	100.0	0		
qa120006.chw	IC100-126.mtw	AJ11-37 CCV83	37	1.0	1.0	1.0	100.0	0		
qa120021.chw	IC100-126.mtw	AJ11-38 CCB83	38	1.0	1.0	1.0	100.0	0		
qa120037.chw	IC100-126.mtw	AJ11-39 J071-06 DF=10	39	1.0	10.0	1.0	100.0	0		
qa120053.chw	IC100-126.mtw	AJ11-40 J071-07 DF=10	40	1.0	10.0	1.0	100.0	0		
qa120109.chw	IC100-126.mtw	AJ11-41 J058-03 DF=5	41	1.0	5.0	1.0	100.0	0		
qa120125.chw	IC100-126.mtw	AJ11-42 J058-04 DF=10	42	1.0	10.0	1.0	100.0	0		
qa120140.chw	IC100-126.mtw	AJ11-43 J058-04D DF=10	43	1.0	10.0	1.0	100.0	0		
qa120156.chw	IC100-126.mtw	AJ11-44 J058-04M DF=10	44	1.0	10.0	1.0	100.0	0		
qa120212.chw	IC100-126.mtw	AJ11-45 J058-04S DF=10	45	1.0	10.0	1.0	100.0	0		
qa120228.chw	IC100-126.mtw	AJ11-46 J067-03 DF=5	46	1.0	5.0	1.0	100.0	0		
qa120244.chw	IC100-126.mtw	AJ11-47 J067-03 DF=50	47	1.0	50.0	1.0	100.0	0		
qa120259.chw	IC100-126.mtw	AJ11-48 J067-05 DF=50	48	1.0	50.0	1.0	100.0	0		
qa120315.chw	IC100-126.mtw	AJ11-49 CCV84	49	1.0	1.0	1.0	100.0	0		
qa120331.chw	IC100-126.mtw	AJ11-50 CCB84	50	1.0	1.0	1.0	100.0	0		
qa120347.chw	IC100-126.mtw	AJ11-51 J083-02 DF=20	51	1.0	20.0	1.0	100.0	0		
qa120402.chw	IC100-126.mtw	AJ11-52 J083-03 DF=20	52	1.0	20.0	1.0	100.0	0		
qa120418.chw	IC100-126.mtw	AJ11-53 J083-04 DF=100	53	1.0	100.0	1.0	100.0	0		
qa120434.chw	IC100-126.mtw	AJ11-54 J083-05 DF=20	54	1.0	20.0	1.0	100.0	0		
qa120450.chw	IC100-126.mtw	AJ11-55 J083-06 DF=20	55	1.0	20.0	1.0	100.0	0		
qa120506.chw	IC100-126.mtw	AJ11-56 J101-01 DF=100	56	1.0	100.0	1.0	100.0	0		
qa120521.chw	IC100-126.mtw	AJ11-57 J101-02 DF=100	57	1.0	100.0	1.0	100.0	0		
qa120537.chw	IC100-126.mtw	AJ11-58 J081-02 DF=10	58	1.0	10.0	1.0	100.0	0		

FINAL

Note: *: Report at DF=5 due to dirty sample: yellow/orange & acid.

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J067

METHOD 314.0
PERCHLORATE

Six (6) soil samples were received on 10/06/06 for Perchlorate analysis by Method 314.0 in accordance with "Method for Determination of Perchlorate by Ion Chromatography", EPA 600/98-118.

1. **Holding Time**

   Analysis met holding time criteria.

2. **Method Blank**

   Method blanks were free of contamination at half of MRL.

3. **Lab Control Sample/Lab Control Sample Duplicate**

   Lab control sample results were within QC limits.

4. **Duplicate**

   Sample J0067-07 was analyzed for duplicate. %RPD was within QC limit.

5. **Matrix Spike**

   Sample J067-07 was spiked. Recovery was within QC limit.

6. **Sample Analysis**

   Samples were analyzed according to the prescribed QC procedures. All QC criteria were met.

SAMPLE RESULTS

METHOD 314.0
PERCHLORATE

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2
Batch No. : 06J067

Matrix : WATER
Instrument ID : I57

SAMPLE ID	EMAX SAMPLE ID	RESULTS (ug/L)	DLF	MOIST	RL (ug/L)	MDL (ug/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	PCJ004WB	ND	1	NA	2.00	0.500	10/17/0603:48	NA	JJ16031	JJ16030	PCJ004W	NA	NA
LCS1W	PCJ004WL	9.56	1	NA	2.00	0.500	10/17/0604:29	NA	JJ16033	JJ16030	PCJ004W	NA	NA
LCD1W	PCJ004WC	9.56	1	NA	2.00	0.500	10/17/0604:49	NA	JJ16034	JJ16030	PCJ004W	NA	NA
LEB-100506-B	J067-02	ND	1	NA	2.00	0.500	10/17/0607:31	NA	JJ16042	JJ16041	PCJ004W	10/05/06	10/06/06
TT-MW2-12	J067-05	2.73	1	NA	2.00	0.500	10/17/0608:32	NA	JJ16045	JJ16041	PCJ004W	10/05/06	10/06/06
LEB-100506GP	J067-06	ND	1	NA	2.00	0.500	10/17/0608:52	NA	JJ16046	JJ16041	PCJ004W	10/05/06	10/06/06
MBLK2W	PCJ006WB	ND	1	NA	2.00	0.500	10/17/0623:44	NA	JJ17027	JJ17026	PCJ006W	NA	NA
LCS2W	PCJ006WL	10.7	1	NA	2.00	0.500	10/18/0600:24	NA	JJ17029	JJ17026	PCJ006W	NA	NA
LCD2W	PCJ006WC	10.6	1	NA	2.00	0.500	10/18/0600:45	NA	JJ17030	JJ17026	PCJ006W	NA	NA
TT-MW2-11	J067-03	191	10	NA	20.0	5.00	10/18/0604:28	NA	JJ17041	JJ17037	PCJ006W	10/05/06	10/06/06
TT-MW2-8	J067-04	6350	1000	NA	2000	500	10/18/0604:48	NA	JJ17042	JJ17037	PCJ006W	10/05/06	10/06/06
TT-MW2-3	J067-07	22200	2000	NA	4000	1000	10/18/0605:08	NA	JJ17043	JJ17037	PCJ006W	10/05/06	10/06/06
TT-MW2-3DUP	J067-07D	22500	2000	NA	4000	1000	10/18/0605:28	NA	JJ17044	JJ17037	PCJ006W	10/05/06	10/06/06
TT-MW2-3MS	J067-07M	42500	2000	NA	4000	1000	10/18/0605:49	NA	JJ17045	JJ17037	PCJ006W	10/05/06	10/06/06

QC DATA

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 314.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	PCJ004WB	PCJ004WL	PCJ004WC		
LAB FILE ID:	JJ16031	JJ16033	JJ16034		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/17/0603:48	10/17/0604:29	10/17/0604:49	DATE RECEIVED:	NA
PREP. BATCH:	PCJ004W	PCJ004W	PCJ004W		
CALIB. REF:	JJ16030	JJ16030	JJ16030		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Perchlorate	ND	10.0	9.56	96	10.0	9.56	96	0	85-115	20

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 314.0

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	PCJ006WB	PCJ006WL	PCJ006WC		
LAB FILE ID:	JJ17027	JJ17029	JJ17030		
DATE EXTRACTED:	NA	NA	NA	DATE COLLECTED:	NA
DATE ANALYZED:	10/17/0623:44	10/18/0600:24	10/18/0600:45	DATE RECEIVED:	NA
PREP. BATCH:	PCJ006W	PCJ006W	PCJ006W		
CALIB. REF:	JJ17026	JJ17026	JJ17026		

ACCESSION:

PARAMETER	BLNK RSLT (ug/L)	SPIKE AMT (ug/L)	BS RSLT (ug/L)	BS % REC	SPIKE AMT (ug/L)	BSD RSLT (ug/L)	BSD % REC	RPD (%)	QC LIMIT (%)	MAX RPD (%)
Perchlorate	ND	10.0	10.7	107	10.0	10.6	106	1	85-115	20

EMAX QUALITY CONTROL DATA
MS ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 314.0

==========

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	2000	2000		
SAMPLE ID:	TT-MW2-3			
LAB SAMP ID:	J067-07	J067-07M		
LAB FILE ID:	JJ17043	JJ17045		
DATE EXTRACTED:	NA	NA	DATE COLLECTED:	10/05/06
DATE ANALYZED:	10/18/0605:08	10/18/0605:49	DATE RECEIVED:	10/06/06
PREP. BATCH:	PCJ006W	PCJ006W		
CALIB. REF:	JJ17037	JJ17037		

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	SPIKE AMT (ug/L)	MS RSLT (ug/L)	MS % REC	QC LIMIT (%)
Perchlorate	22200	20000	42500	102	75-125

EMAX QUALITY CONTROL DATA
DUPLICATE SAMPLE ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06J067
METHOD: METHOD 314.0

MATRIX:	WATER		% MOISTURE:	NA
DILUTION FACTOR:	2000	2000		
SAMPLE ID:	TT-MW2-3			
EMAX SAMP ID:	J067-07	J067-07D		
LAB FILE ID:	JJ17043	JJ17044		
DATE EXTRACTED:	NA	NA	DATE COLLECTED:	10/05/06
DATE ANALYZED:	10/18/0605:08	10/18/0605:28	DATE RECEIVED:	10/06/06
PREP. BATCH:	PCJ006W	PCJ006W		
CALIB. REF:	JJ17037	JJ17037		

ACCESSION:

PARAMETER	SMPL RSLT (ug/L)	DUPL RSLT (ug/L)	RPD RSLT %	QC LIMIT (%)
Perchlorate	22200	22500	1	20

INITIAL CALIBRATION

Method : c:\ezchrom\methods\ic57i05.met
Printed : Sep 06, 2006 11:47:23
Channel : A
Peak : PERCHLORATE

* - Replicate Not Used

Level	Height	Amount	RF	Rep Hgt 1	Rep Hgt 2	Rep Hgt 3	Rep Hgt 4	Rep Hgt 5	Replic STD	Replic %RSD	Old Height
2	28493	2	14246.50	28493							0
3	54379	4	13594.75	54379							0
4	141602	10	14160.20	141602							0
5	340820	25	13632.80	340820							0
6	407471	30	13582.37	407471							0

Calib Flag: Replace

Average RF: 13843.3
RF StdDev: 330.594
RF %RSD: 2.388

RF Definition: Height / Amount
Weighting Method: None
Fit Through Zero: No

Linear Fit: Amount = 7.3845e-005 x Height - 0.166764
R^2 = 0.999817

9-7-06

IC RESULT FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JI05001	IB	P	.000	09/05/0620:02	1
JI05002	S-0.0	P	.0000	09/05/0620:22	1
JI05003	S-2.0	P	2	09/05/0620:42	1
JI05004	S-4.0	P	4	09/05/0621:03	1
JI05005	S-10.0	P	10	09/05/0621:23	1
JI05006	BADINJ	P	15	09/05/0621:43	1
JI05007	S-25.0	P	25	09/05/0622:04	1
JI05008	S-30.0	P	30	09/05/0622:24	1
JI05009	ICV	P	99.2%	09/05/0622:44	1
JI05010	ICB	P	.000	09/05/0623:04	1
JI05011	IPCS	P	84.1%	09/05/0623:25	1
JI05012	PCI001SB	P	.000	09/05/0623:45	1
JI05013	MRL	P	95.1%	09/06/0600:05	1
JI05014	PCI001SL	P	10.1	09/06/0600:25	1
JI05015	PCI001SC	P	10	09/06/0600:46	1
JI05016	H175-01	P	30000	09/06/0601:06	2000
JI05017	H175-02	P	3080	09/06/0601:26	200
JI05018	H175-03	P	24500	09/06/0601:46	2000
JI05019	H175-04	P	11.8	09/06/0602:07	5
JI05020	H175-04D	P	11.4	09/06/0602:27	5
JI05021	H175-04M	P	58.7	09/06/0602:47	5
JI05022	CCV32-15	P	97.7%	09/06/0603:07	1
JI05023	CCV32-15	P	96.7%	09/06/0603:28	1
JI05024	H156-06	P	14000	09/06/0603:48	1000
JI05025	H156-07	P	3840	09/06/0604:08	500
JI05026	H174-09	P	4670	09/06/0604:28	500
JI05027	H174-10	P	6190	09/06/0604:49	500
JI05028	CCV33-30	P	97.9%	09/06/0605:09	1
JI05029	CCV33-30	P	98.8%	09/06/0605:29	1
JI05030	H198-01	P	6150	09/06/0605:49	500
JI05031	H198-02	P	5460	09/06/0606:10	500
JI05032	H198-03	P	6720	09/06/0606:30	500
JI05033	H198-04	P	45600	09/06/0606:50	2000
JI05034	H197-01	P	.000	09/06/0607:10	1
JI05035	H197-02	P	.000	09/06/0607:31	1
JI05036	H197-03	P	.000	09/06/0607:51	1
JI05037	H197-04	P	.000	09/06/0608:11	5
JI05038	CCV34-15	P	100%	09/06/0608:31	1

PV 9-1-06

IC SEQ FORM (ESD)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
JI05001	IB	P	IC57I05	09/05/0620:02	1
JI05002	S-0.0	P	IC57I05	09/05/0620:22	1
JI05003	S-2.0	P	IC57I05	09/05/0620:42	1
JI05004	S-4.0	P	IC57I05	09/05/0621:03	1
JI05005	S-10.0	P	IC57I05	09/05/0621:23	1
JI05006	BADINJ	P	IC57I05	09/05/0621:43	1
JI05007	S-25.0	P	IC57I05	09/05/0622:04	1
JI05008	S-30.0	P	IC57I05	09/05/0622:24	1
JI05009	ICV	P	IC57I05	09/05/0622:44	1
JI05010	ICB	P	IC57I05	09/05/0623:04	1
JI05011	IPCS	P	IC57I05	09/05/0623:25	1
JI05012	PCI001SB	P	IC57I05	09/05/0623:45	1
JI05013	MRL	P	IC57I05	09/06/0600:05	1
JI05014	PCI001SL	P	IC57I05	09/06/0600:25	1
JI05015	PCI001SC	P	IC57I05	09/06/0600:46	1
JI05016	H175-01	P	IC57I05	09/06/0601:06	2000
JI05017	H175-02	P	IC57I05	09/06/0601:26	200
JI05018	H175-03	P	IC57I05	09/06/0601:46	2000
JI05019	H175-04	P	IC57I05	09/06/0602:07	5
JI05020	H175-04D	P	IC57I05	09/06/0602:27	5
JI05021	H175-04M	P	IC57I05	09/06/0602:47	5
JI05022	CCV32-15	P	IC57I05	09/06/0603:07	1
JI05023	CCV32-15	P	IC57I05	09/06/0603:28	1
JI05024	H156-06	P	IC57I05	09/06/0603:48	1000
JI05025	H156-07	P	IC57I05	09/06/0604:08	500
JI05026	H174-09	P	IC57I05	09/06/0604:28	500
JI05027	H174-10	P	IC57I05	09/06/0604:49	500
JI05028	CCV33-30	P	IC57I05	09/06/0605:09	1
JI05029	CCV33-30	P	IC57I05	09/06/0605:29	1
JI05030	H198-01	P	IC57I05	09/06/0605:49	500
JI05031	H198-02	P	IC57I05	09/06/0606:10	500
JI05032	H198-03	P	IC57I05	09/06/0606:30	500
JI05033	H198-04	P	IC57I05	09/06/0606:50	2000
JI05034	H197-01	P	IC57I05	09/06/0607:10	1
JI05035	H197-02	P	IC57I05	09/06/0607:31	1
JI05036	H197-03	P	IC57I05	09/06/0607:51	1
JI05037	H197-04	P	IC57I05	09/06/0608:11	5
JI05038	CCV34-15	P	IC57I05	09/06/0608:31	1

9-7-06

SECOND SOURCE

IC RESULT FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JI05001	IB	P	.000	09/05/0620:02	1
JI05002	S-0.0	P	.0000	09/05/0620:22	1
JI05003	S-2.0	P	2	09/05/0620:42	1
JI05004	S-4.0	P	4	09/05/0621:03	1
JI05005	S-10.0	P	10	09/05/0621:23	1
JI05006	BADINJ	P	15	09/05/0621:43	1
JI05007	S-25.0	P	25	09/05/0622:04	1
JI05008	S-30.0	P	30	09/05/0622:24	1
JI05009	ICV	P	99.2%	09/05/0622:44	1
JI05010	ICB	P	.000	09/05/0623:04	1
JI05011	IPCS	P	84.1%	09/05/0623:25	1
JI05012	PCI001SB	P	.000	09/05/0623:45	1
JI05013	MRL	P	95.1%	09/06/0600:05	1
JI05014	PCI001SL	P	10.1	09/06/0600:25	1
JI05015	PCI001SC	P	10	09/06/0600:46	1
JI05016	H175-01	P	30000	09/06/0601:06	2000
JI05017	H175-02	P	3080	09/06/0601:26	200
JI05018	H175-03	P	24500	09/06/0601:46	2000
JI05019	H175-04	P	11.8	09/06/0602:07	5
JI05020	H175-04D	P	11.4	09/06/0602:27	5
JI05021	H175-04M	P	58.7	09/06/0602:47	5
JI05022	CCV32-15	P	97.7%	09/06/0603:07	1
JI05023	CCV32-15	P	96.7%	09/06/0603:28	1
JI05024	H156-06	P	14000	09/06/0603:48	1000
JI05025	H156-07	P	3840	09/06/0604:08	500
JI05026	H174-09	P	4670	09/06/0604:28	500
JI05027	H174-10	P	6190	09/06/0604:49	500
JI05028	CCV33-30	P	97.9%	09/06/0605:09	1
JI05029	CCV33-30	P	98.8%	09/06/0605:29	1
JI05030	H198-01	P	6150	09/06/0605:49	500
JI05031	H198-02	P	5460	09/06/0606:10	500
JI05032	H198-03	P	6720	09/06/0606:30	500
JI05033	H198-04	P	45600	09/06/0606:50	2000
JI05034	H197-01	P	.000	09/06/0607:10	1
JI05035	H197-02	P	.000	09/06/0607:31	1
JI05036	H197-03	P	.000	09/06/0607:51	1
JI05037	H197-04	P	.000	09/06/0608:11	5
JI05038	CCV34-15	P	100%	09/06/0608:31	1

AW 9-1-06

DAILY CALIBRATION

IC RESULT FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JJ16001	IPCS	P	90.7%	10/16/0617:41	1
JJ16002	PCJ003WB	P	.000	10/16/0618:01	1
JJ16003	MRL	P	92.8%	10/16/0618:21	1
JJ16004	PCJ003WL	P	9.89	10/16/0618:41	1
JJ16005	PCJ003WC	P	9.6	10/16/0619:02	1
JJ16006	J021-02	P	.000	10/16/0619:22	1
JJ16007	J021-03	P	.000	10/16/0619:42	1
JJ16008	J021-04	P	.000	10/16/0620:02	1
JJ16009	J021-05	P	.000	10/16/0620:23	1
JJ16010	J021-06	*	49E	10/16/0620:43	1
JJ16011	J021-07	*	45.4E	10/16/0621:03	1
JJ16012	CCV69-15	P	99.2%	10/16/0621:23	1
JJ16013	J021-08	*	57.9E	10/16/0621:44	1
JJ16014	J021-09	*	57.8E	10/16/0622:04	1
JJ16015	J021-11	P	.000	10/16/0622:24	1
JJ16016	J021-12	*	.000	10/16/0622:45	1
JJ16017	J021-13	*	54.6E	10/16/0623:05	1
JJ16018	J021-14	*	.000	10/16/0623:25	1
JJ16019	J021-15	*	.000	10/16/0623:45	1
JJ16020	J021-16	P	28.8	10/17/0600:06	1
JJ16021	J021-17	P	3.79	10/17/0600:26	1
JJ16022	J021-17D	P	3.68	10/17/0600:46	1
JJ16023	CCV70-30	P	98%	10/17/0601:06	1
JJ16024	J021-17M	P	13.2	10/17/0601:27	1
JJ16025	I263-02	P	.000	10/17/0601:47	1
JJ16026	I263-03	P	.000	10/17/0602:07	1
JJ16027	I263-04	P	11.9	10/17/0602:27	1
JJ16028	I242-03	P	32	10/17/0602:48	2
JJ16029	CCV71-15	P	102%	10/17/0603:08	1
JJ16030	IPCS	P	88%	10/17/0603:28	1
JJ16031	PCJ004WB	P	.000	10/17/0603:48	1
JJ16032	MRL	P	91%	10/17/0604:09	1
JJ16033	PCJ004WL	P	9.56	10/17/0604:29	1
JJ16034	PCJ004WC	P	9.56	10/17/0604:49	1
JJ16035	J068-02	P	.000	10/17/0605:09	1
JJ16036	J068-03	P	.000	10/17/0605:30	1
JJ16037	J068-04	*	43.7E	10/17/0605:50	1
JJ16038	J068-05	*	42.6E	10/17/0606:10	1
JJ16039	J101-01	P	10.3	10/17/0606:30	1
JJ16040	J101-02	P	9.35	10/17/0606:51	1
JJ16041	CCV72-30	P	94.6%	10/17/0607:11	1
JJ16042	J067-02	P	.000	10/17/0607:31	1
JJ16043	J067-03	*	50.8E	10/17/0607:51	1
JJ16044	J067-04	P	.000	10/17/0608:12	1
JJ16045	J067-05	P	2.73	10/17/0608:32	1
JJ16046	J067-06	P	.000	10/17/0608:52	1
JJ16047	J067-07	*	51.9E	10/17/0609:12	1
JJ16048	J067-07D	*	55.6E	10/17/0609:33	1
JJ16049	J067-07M	*	52.8E	10/17/0609:53	1
JJ16050	J098-02	P	5.93	10/17/0610:13	1
JJ16051	J098-03	P	18.2	10/17/0610:33	1
JJ16052	CCV73-15	P	113%*	10/17/0611:35	1
JJ16053	J109-02	P	22.4	10/17/0611:56	1
JJ16054	J109-03	*	36.7E	10/17/0612:47	1
JJ16055	J109-04	*	36.6E	10/17/0613:07	1
JJ16056	CCV74-30	P	106%	10/17/0613:27	1

IC SEQ FORM (ESD)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
JJ16001	IPCS	P	IC57I05	10/16/0617:41	1
JJ16002	PCJ003WB	P	IC57I05	10/16/0618:01	1
JJ16003	MRL	P	IC57I05	10/16/0618:21	1
JJ16004	PCJ003WL	P	IC57I05	10/16/0618:41	1
JJ16005	PCJ003WC	P	IC57I05	10/16/0619:02	1
JJ16006	J021-02	P	IC57I05	10/16/0619:22	1
JJ16007	J021-03	P	IC57I05	10/16/0619:42	1
JJ16008	J021-04	P	IC57I05	10/16/0620:02	1
JJ16009	J021-05	P	IC57I05	10/16/0620:23	1
JJ16010	J021-06	*	IC57I05	10/16/0620:43	1
JJ16011	J021-07	*	IC57I05	10/16/0621:03	1
JJ16012	CCV69-15	P	IC57I05	10/16/0621:23	1
JJ16013	J021-08	*	IC57I05	10/16/0621:44	1
JJ16014	J021-09	*	IC57I05	10/16/0622:04	1
JJ16015	J021-11	P	IC57I05	10/16/0622:24	1
JJ16016	J021-12	*	IC57I05	10/16/0622:45	1
JJ16017	J021-13	*	IC57I05	10/16/0623:05	1
JJ16018	J021-14	*	IC57I05	10/16/0623:25	1
JJ16019	J021-15	*	IC57I05	10/16/0623:45	1
JJ16020	J021-16	P	IC57I05	10/17/0600:06	1
JJ16021	J021-17	P	IC57I05	10/17/0600:26	1
JJ16022	J021-17D	P	IC57I05	10/17/0600:46	1
JJ16023	CCV70-30	P	IC57I05	10/17/0601:06	1
JJ16024	J021-17M	P	IC57I05	10/17/0601:27	1
JJ16025	I263-02	P	IC57I05	10/17/0601:47	1
JJ16026	I263-03	P	IC57I05	10/17/0602:07	1
JJ16027	I263-04	P	IC57I05	10/17/0602:27	1
JJ16028	I242-03	P	IC57I05	10/17/0602:48	2
JJ16029	CCV71-15	P	IC57I05	10/17/0603:08	1
JJ16030	IPCS	P	IC57I05	10/17/0603:28	1
JJ16031	PCJ004WB	P	IC57I05	10/17/0603:48	1
JJ16032	MRL	P	IC57I05	10/17/0604:09	1
JJ16033	PCJ004WL	P	IC57I05	10/17/0604:29	1
JJ16034	PCJ004WC	P	IC57I05	10/17/0604:49	1
JJ16035	J068-02	P	IC57I05	10/17/0605:09	1
JJ16036	J068-03	P	IC57I05	10/17/0605:30	1
JJ16037	J068-04	*	IC57I05	10/17/0605:50	1
JJ16038	J068-05	*	IC57I05	10/17/0606:10	1
JJ16039	J101-01	P	IC57I05	10/17/0606:30	1
JJ16040	J101-02	P	IC57I05	10/17/0606:51	1
JJ16041	CCV72-30	P	IC57I05	10/17/0607:11	1
JJ16042	J067-02	P	IC57I05	10/17/0607:31	1
JJ16043	J067-03	*	IC57I05	10/17/0607:51	1
JJ16044	J067-04	P	IC57I05	10/17/0608:12	1
JJ16045	J067-05	P	IC57I05	10/17/0608:32	1
JJ16046	J067-06	P	IC57I05	10/17/0608:52	1
JJ16047	J067-07	*	IC57I05	10/17/0609:12	1
JJ16048	J067-07D	*	IC57I05	10/17/0609:33	1
JJ16049	J067-07M	*	IC57I05	10/17/0609:53	1
JJ16050	J098-02	P	IC57I05	10/17/0610:13	1
JJ16051	J098-03	P	IC57I05	10/17/0610:33	1
JJ16052	CCV73-15	P	IC57I05	10/17/0611:35	1
JJ16053	J109-02	P	IC57I05	10/17/0611:56	1
JJ16054	J109-03	*	IC57I05	10/17/0612:47	1
JJ16055	J109-04	*	IC57I05	10/17/0613:07	1
JJ16056	CCV74-30	P	IC57I05	10/17/0613:27	1

IC RETENTION TIME FORM CalVersion: PCHLO314.QA1

LFID	LSID	SELCOMP	PERCHLORATE	DateTime	Df
JJ17001	IPCS	P	11.592	10/17/0614:20	1
JJ17002	PCJ005WB	P	ND	10/17/0614:40	1
JJ17003	MRL	P	11.625	10/17/0615:00	1
JJ17004	PCJ005WL	P	11.658	10/17/0615:20	1
JJ17005	PCJ005WC	P	11.667	10/17/0615:41	1
JJ17006	J021-06	*	11.633	10/17/0616:01	8
JJ17007	J021-07	*	11.633	10/17/0616:21	20
JJ17008	J021-08	*	11.642	10/17/0616:41	100
JJ17009	J021-09	*	11.642	10/17/0617:02	100
JJ17010	J021-12	*	11.642	10/17/0617:22	8
JJ17011	J021-13	*	11.633	10/17/0617:42	8
JJ17012	CCV75-15	P	11.642	10/17/0618:02	1
JJ17013	J021-14R	P	ND	10/17/0618:23	1
JJ17014	J021-15	*	11.625	10/17/0618:43	8
JJ17015	J068-04	*	11.650	10/17/0619:03	500
JJ17016	J068-05	P	11.692	10/17/0620:01	500
JJ17017	J067-03	*	11.700	10/17/0620:21	5
JJ17018	J067-04	P	11.725	10/17/0620:42	500
JJ17019	J067-07	P	11.700	10/17/0621:02	1000
JJ17020	J067-07D	P	11.700	10/17/0621:22	1000
JJ17021	J067-07M	*	11.708	10/17/0621:42	1000
JJ17022	J109-03	P	11.708	10/17/0622:03	2
JJ17023	CCV76-30	P	11.733	10/17/0622:23	1
JJ17024	J109-04	P	11.750	10/17/0622:43	2
JJ17025	CCV77-15	P	11.725	10/17/0623:03	1
JJ17026	IPCS	P	11.650	10/17/0623:24	1
JJ17027	PCJ006WB	P	ND	10/17/0623:44	1
JJ17028	MRL	P	11.717	10/18/0600:04	1
JJ17029	PCJ006WL	P	11.717	10/18/0600:24	1
JJ17030	PCJ006WC	P	11.725	10/18/0600:45	1
JJ17031	J021-06	P	11.717	10/18/0601:05	16
JJ17032	J021-07	P	11.725	10/18/0601:25	100
JJ17033	J021-08	P	11.742	10/18/0601:45	200
JJ17034	J021-09	P	11.742	10/18/0602:06	200
JJ17035	J021-12	P	11.733	10/18/0602:26	16
JJ17036	J021-13	P	11.742	10/18/0602:46	16
JJ17037	CCV78-30	P	11.758	10/18/0603:07	1
JJ17038	J021-15	P	11.758	10/18/0603:27	16
JJ17039	J068-04	P	11.725	10/18/0603:47	16
JJ17040	J068-05	P	11.783	10/18/0604:07	1000
JJ17041	J067-03	P	11.775	10/18/0604:28	10
JJ17042	J067-04	P	11.792	10/18/0604:48	1000
JJ17043	J067-07	P	11.750	10/18/0605:08	2000
JJ17044	J067-07D	P	11.758	10/18/0605:28	2000
JJ17045	J067-07M	P	11.775	10/18/0605:49	2000
JJ17046	CCV79-15	P	11.767	10/18/0606:09	1

IC SEQ FORM (ESD)

LFID	LSID	SELCOMP	METHOD	DateTime	DF
JJ17001	IPCS	P	IC57I05	10/17/0614:20	1
JJ17002	PCJ005WB	P	IC57I05	10/17/0614:40	1
JJ17003	MRL	P	IC57I05	10/17/0615:00	1
JJ17004	PCJ005WL	P	IC57I05	10/17/0615:20	1
[illegible]7005	PCJ005WC	P	IC57I05	10/17/0615:41	1
[illegible]006	J021-06	*	IC57I05	10/17/0616:01	8
JJ17007	J021-07	*	IC57I05	10/17/0616:21	20
JJ17008	J021-08	*	IC57I05	10/17/0616:41	100
JJ17009	J021-09	*	IC57I05	10/17/0617:02	100
JJ17010	J021-12	*	IC57I05	10/17/0617:22	8
JJ17011	J021-13	*	IC57I05	10/17/0617:42	8
JJ17012	CCV75-15	P	IC57I05	10/17/0618:02	1
JJ17013	J021-14R	P	IC57I05	10/17/0618:23	1
JJ17014	J021-15	*	IC57I05	10/17/0618:43	8
JJ17015	J068-04	*	IC57I05	10/17/0619:03	500
JJ17016	J068-05	P	IC57I05	10/17/0620:01	500
JJ17017	J067-03	*	IC57I05	10/17/0620:21	5
JJ17018	J067-04	P	IC57I05	10/17/0620:42	500
JJ17019	J067-07	*	IC57I05	10/17/0621:02	1000
JJ17020	J067-07D	*	IC57I05	10/17/0621:22	1000
JJ17021	J067-07M	*	IC57I05	10/17/0621:42	1000
JJ17022	J109-03	P	IC57I05	10/17/0622:03	2
JJ17023	CCV76-30	P	IC57I05	10/17/0622:23	1
JJ17024	J109-04	P	IC57I05	10/17/0622:43	2
JJ17025	CCV77-15	P	IC57I05	10/17/0623:03	1
JJ17026	IPCS	P	IC57I05	10/17/0623:24	1
JJ17027	PCJ006WB	P	IC57I05	10/17/0623:44	1
JJ17028	MRL	P	IC57I05	10/18/0600:04	1
JJ17029	PCJ006WL	P	IC57I05	10/18/0600:24	1
JJ17030	PCJ006WC	P	IC57I05	10/18/0600:45	1
JJ17031	J021-06	P	IC57I05	10/18/0601:05	16
JJ17032	J021-07	P	IC57I05	10/18/0601:25	100
JJ17033	J021-08	P	IC57I05	10/18/0601:45	200
JJ17034	J021-09	P	IC57I05	10/18/0602:06	200
JJ17035	J021-12	P	IC57I05	10/18/0602:26	16
JJ17036	J021-13	P	IC57I05	10/18/0602:46	16
[illegible]7037	CCV78-30	P	IC57I05	10/18/0603:07	1
[illegible]038	J021-15	P	IC57I05	10/18/0603:27	16
[illegible]7039	J068-04	P	IC57I05	10/18/0603:47	16
JJ17040	J068-05	P	IC57I05	10/18/0604:07	1000
JJ17041	J067-03	P	IC57I05	10/18/0604:28	10
JJ17042	J067-04	P	IC57I05	10/18/0604:48	1000
JJ17043	J067-07	P	IC57I05	10/18/0605:08	2000
JJ17044	J067-07D	P	IC57I05	10/18/0605:28	2000
JJ17045	J067-07M	P	IC57I05	10/18/0605:49	2000
JJ17046	CCV79-15	P	IC57I05	10/18/0606:09	1

ANALYTICAL LOG

ANALYSIS RUN LOG FOR IC - PERCHLORATE

SOP ☑ EMAX-314.0 Revision No. 2 ☐

Start Date 9/5/06 Time: 20:02 Ending Date 9/6/06 Time 8:31 Book # A

BATCH * PCI0015 **

	Sample Prep ID	Data File Name	Lab Sample ID	DF	Matrix S	Matrix W	Conductivity, (us/cm)	Notes
*	1	0105001	IB	1		X		
*	2	002	S-0.0					
*	3	003	S-2.0					
*	4	004	S-4.0					
*	5	005	S-10.0					
*	6	006	S-25.0					
*	7	007	S-25.0					BAD INJ.
*	8	008	S-30.0					
*	9	009	ICV					
*	0	010	ICB					
*	1	011	IPCS			✓	3000	
*	2	012	PCI00168		X			* BAH
*	3	013	MRL			X		
*	4	014	PCI0015L		X			* BAH
*	5	015	↓	✓				*
*	6	016	H175-01	2000			~~[illegible]~~ 28,000	*
*	7	017	02	200			~~200~~ 15,200	*
*	8	018	03	2000		9/6/06	~~2000~~ 17,500	*
*	9	019	04	5			.5 4,200	*
*	0	020	04D	5			5	*
*	1	021	04M	5	✓		5	* ✓
*	2	022	CCV32-15	1		X	+	
*	3	023	↓	1		X	+	
*	4	024	H156-06	1000	X		14,800	* BAH
*	5	025	07	500			30,200	*
*	6	026	H174-09	500			12,100	*
*	7	027	10	500	✓		14,300	* ✓
*	8	028	CCV33-30			X		
*	9	029	↓			X		
*	0	030	H198-01	500	X		8,800	* BAH

Instrument Number	57

INITIAL CALIBRATION REFERENCE	
Method File	IC57I05
ICAL ID	SW8B-02-843
ICV ID	↓ 844

Standards

Name		ID	Conc. (u
ICAL	S1	SW8B-02-843	2
	S2	↓	4
	S3		10
	S4		25
	S5		30
ICV		SW8B-02-844	25
CCV-15		836	15
CCV-30		837	30
LCS		838	10
MS		842	10
IPC		839	325/25
CMC		SW8B-02-846	1413/141

Comments:

CMC Reading, (us/cm)	QC Criteria (us/cm)	Temp. (°C)
1410	±30	25°C

Electronic Data Archival

Location	Date

Analyzed By: JL

This page is checked during the data review proc

EMAX LABORATORIES, INC. 1835 W. 205th St. Torrance, CA 90501

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: A57-014

Instrument No.: 57

Analytical Sequence: JJ16

Method File: 1057105

Analytical Batch: PCJ003W ; PCJ004W

SOP #	Rev. #
☐ EMAX-300.0	3
☐ EMAX-300.0(M)	0
☑ EMAX-314.0	1
☐ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SW8B - 02-843
ICV	↓ 844
CCV	N/A
CCV-15	SW8B - 02-845
CCV-30	846
LCS	847
MS	↓ 842
IPC	SW8B - 02-848
CMC	SW3B - 02-846
MRL	SW8B - 02-849

CMC Reading (µS/cm)	QC Criteria (µS/cm)	Temp. (°C)
1411	(±) 30	25°C

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ EZ-CHROM	
☐	

Analyzed By: JW

Date: 10/16/06

Method: ic57i05.met - Batch: JJ16.sed - Data: JJ16.001 - Batch: JJ16.sed

File Edit Method Batch Options Analysis Control Window Help

Method | Data | Batch | Setup | Batch | Preview | Single | STOP | Recalib | Archive | Reports

Run	Sample ID		Method	Filename	Level	Sample Amt.	ISTD Amt.	M
1	IPCS		ic57i05.met	JJ16.001	0	1	0	
2	PCJ003WB		ic57i05.met	JJ16.002	0	1	0	
3	MRL		ic57i05.met	JJ16.003	0	1	0	
4	PCJ003WL		ic57i05.met	JJ16.004	0	1	0	
5	PCJ003WC		ic57i05.met	JJ16.005	0	1	0	
6	J021-02	495	ic57i05.met	JJ16.006	0	1	0	
7	J021-03	360	ic57i05.met	JJ16.007	0	1	0	
8	J021-04	293	ic57i05.met	JJ16.008	0	1	0	
9	J021-05	734	ic57i05.met	JJ16.009	0	1	0	
10	J021-06	1655	ic57i05.met	JJ16.010	0	1	0	
11	J021-07	1168	ic57i05.met	JJ16.011	0	1	0	
12	CCV69-15		ic57i05.met	JJ16.012	0	1	0	
13	J021-08	1023	ic57i05.met	JJ16.013	0	1	0	
14	J021-09	1009	ic57i05.met	JJ16.014	0	1	0	
15	J021-11	2.24	ic57i05.met	JJ16.015	0	1	0	
16	J021-12	1244	ic57i05.met	JJ16.016	0	1	0	
17	J021-13	1177	ic57i05.met	JJ16.017	0	1	0	
18	J021-14	2.20	ic57i05.met	JJ16.018	0	1	0	
19	J021-15	1425	ic57i05.met	JJ16.019	0	1	0	
20	J021-16	504	ic57i05.met	JJ16.020	0	1	0	
21	J021-17	1079	ic57i05.met	JJ16.021	0	1	0	
22	J021-17D		ic57i05.met	JJ16.022	0	1	0	
23	CCV70-30		ic57i05.met	JJ16.023	0	1	0	
24	J021-17M		ic57i05.met	JJ16.024	0	1	0	
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Instrument 1: T057

Start | EZChrom Chromatog... | Method: ic57i05... | Method: ic57i05.met | Exploring - Sequence | untitled - Paint | Monday, October 16, 2006 | 5:38 PM

0557

Method: ic57i05.met - Batch: JJ16.seq - Data: JJ16.001 - Batch: JJ16 [illegible]

File Edit Method Batch Options Analysis Control Window Help

Method | Data | Batch | Setup | Batch | Preview | Single | STOP | Recalib | Analyze | Reports

Run	Sample ID	Method	Filename	Level	Sample Amt.	ISTD Amt.	M
25	I263-02 692	ic57i05.met	JJ16.025	0	1	0	
26	I263-03 740	ic57i05.met	JJ16.026	0	1	0	
27	I263-04 680	ic57i05.met	JJ16.027	0	1	0	
28	I242-03 DF=2	ic57i05.met	JJ16.028	0	1	0	
29	CCV71-15	ic57i05.met	JJ16.029	0	1	0	
30	IPCS	ic57i05.met	JJ16.030	0	1	0	
31	PCJ004WB	ic57i05.met	JJ16.031	0	1	0	
32	MRL	ic57i05.met	JJ16.032	0	1	0	
33	PCJ004WL	ic57i05.met	JJ16.033	0	1	0	
34	PCJ004WC	ic57i05.met	JJ16.034	0	1	0	
35	J068-02 2.28	ic57i05.met	JJ16.035	0	1	0	
36	J068-03 1244	ic57i05.met	JJ16.036	0	1	0	
37	J068-04 820	ic57i05.met	JJ16.037	0	1	0	
38	J068-05 805	ic57i05.met	JJ16.038	0	1	0	
39	J101-01 1297	ic57i05.met	JJ16.039	0	1	0	
40	J101-02 1273	ic57i05.met	JJ16.040	0	1	0	
41	CCV72-30	ic57i05.met	JJ16.041	0	1	0	
42	J067-02 220	ic57i05.met	JJ16.042	0	1	0	
43	J067-03 1581	ic57i05.met	JJ16.043	0	1	0	
44	J067-04 1055	ic57i05.met	JJ16.044	0	1	0	
45	J067-05 936	ic57i05.met	JJ16.045	0	1	0	
46	J067-06 2.19	ic57i05.met	JJ16.046	0	1	0	
47	J067-07 1032	ic57i05.met	JJ16.047	0	1	0	
48	J067-07D	ic57i05.met	JJ16.048	0	1	0	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Instrument 1: T057

Start | EZChrom Chromato... | Method: Ic57i0... | Method: Ic57i05.me... | Exploring - Sequence | Untitled - Paint | 5:38 PM

Monday, October 16, 2006

Method: Ic57i05.met - Batch: JJ16.seq - Data: JJ16.001 - [Batch: JJ16.SEQ]

File Edit Method Batch Options Analysis Control Window Help

Method Data Batch Setup Batch Preview Run Single STOP Results Analysis Report

Run	Sample ID	Method	Filename	Level	Sample Amt.	ISTD Amt.	M
49	J067-07M	ic57i05.met	JJ16.049	0	1	0	
50	J098-02 490	ic57i05.met	JJ16.050	0	1	0	
51	J098-03 556	ic57i05.met	JJ16.051	0	1	0	
52	CCV73-15	ic57i05.met	JJ16.052	0	1	0	
53	J109-02 750	ic57i05.met	JJ16.053	0	1	0	
54	J109-03 558	ic57i05.met	JJ16.054	0	1	0	
55	J109-04 561	ic57i05.met	JJ16.055	0	1	0	
56	CCV74-30	ic57i05.met	JJ16.056	0	1	0	
57	B	ic57i05.met	JJ16.057	0	1	0	
58	B	ic57i05.met	JJ16.058	0	1	0	
59	B	ic57i05.met	JJ16.059	0	1	0	
60	B	ic57i05.met	JJ16.060	0	1	0	
61	B	ic57i05.met	JJ16.061	0	1	0	
62	B	ic57i05.met	JJ16.062	0	1	0	
63	B	ic57i05.met	JJ16.063	0	1	0	
64	B	ic57i05.met	JJ16.064	0	1	0	
65	B	ic57i05.met	JJ16.065	0	1	0	
66	B	ic57i05.met	JJ16.066	0	1	0	
67	B	ic57i05.met	JJ16.067	0	1	0	
68	B	ic57i05.met	JJ16.068	0	1	0	
69	B	ic57i05.met	JJ16.069	0	1	0	
70	B	ic57i05.met	JJ16.070	0	1	0	
71	B	ic57i05.met	JJ16.071	0	1	0	
72	B	ic57i05.met	JJ16.072	0	1	0	

Waiting For Trigger...

Start | EZChrom Chromatog... | Method: Ic57i05... | Method: Ic57i05.met | Exploring - Sequence | untitled - Paint | Monday, October 16, 2006 5:38 PM

ANALYSIS RUN LOG
for
ION CHROMATOGRAPHY

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: A57-014

Instrument No.: 57

Analytical Sequence: JJ17

Method File: IC57I05

Analytical Batch: PC5005W ; PC5006W

SOP #	Rev. #
☐ EMAX-300.0	3
☐ EMAX-300.0(M)	0
☑ EMAX-314.0	1
☐ EMAX-9056	3
☐ EMAX-	

STANDARDS ID	
ICAL	SW8B-02-843
ICV	↓ 844
CCV	N/A
CCV-15	SW8B-02-845
CCV-30	846
LCS	847
MS	842
IPC	SW8B-02-848
CMC	SW8B-02-846
MRL	SW8B-02-849

CMC Reading (µS/cm)	QC Criteria (µS/cm)	Temp. (°C)
	(±) 30	

ELECTRONIC DATA ARCHIVAL	
Location	Date
☑ EZ-CHROM	
☐	

Analyzed By: [illegible]

Date: 10/17/02

Method: Ic57i05.met - Batch: JJ17.seq - Data: JJ17.D16 - Batch: JJ17.seq

File Edit Method Batch Options Analysis Control Window Help

Method Data Batch Setup Batch Preview Single STOP Recalib Analysis Reports

Run	Sample ID	Method	Filename	Level	Sample	ISTD	Mult.	Failure Act
1	IPCS	ic57i05.met	JJ17.001	0	1	0	1	Continue
2	PCJ005WB	ic57i05.met	JJ17.002	0	1	0	1	Continue
3	MRL	ic57i05.met	JJ17.003	0	1	0	1	Continue
4	PCJ005WL	ic57i05.met	JJ17.004	0	1	0	1	Continue
5	PCJ005WC	ic57i05.met	JJ17.005	0	1	0	1	Continue
6	J021-06 DF=8	ic57i05.met	JJ17.006	0	1	0	8	Continue
7	J021-07 DF=20	ic57i05.met	JJ17.007	0	1	0	20	Continue
8	J021-08 DF=100	ic57i05.met	JJ17.008	0	1	0	100	Continue
9	J021-09 DF=100	ic57i05.met	JJ17.009	0	1	0	100	Continue
10	J021-12 DF=8	ic57i05.met	JJ17.010	0	1	0	8	Continue
11	J021-13 DF=8	ic57i05.met	JJ17.011	0	1	0	8	Continue
12	CCV75-15	ic57i05.met	JJ17.012	0	1	0	1	Continue
13	J021-14R	ic57i05.met	JJ17.013	0	1	0	1	Continue
14	J021-15 DF=8	ic57i05.met	JJ17.014	0	1	0	8	Continue
15	J068-04 DF=500	ic57i05.met	JJ17.015	0	1	0	500	Continue
16	J068-05 DF=500	ic57i05.met	JJ17.016	0	1	0	500	Continue
17	J067-03 DF=5	ic57i05.met	JJ17.017	0	1	0	5	Continue
18	J067-04 DF=500	ic57i05.met	JJ17.018	0	1	0	500	Continue
19	J067-07 DF=1000	ic57i05.met	JJ17.019	0	1	0	1000	Continue
20	J067-07D DF=1000	ic57i05.met	JJ17.020	0	1	0	1000	Continue
21	J067-07M DF=1000	ic57i05.met	JJ17.021	0	1	0	1000	Continue
22	J109-03 DF=2	ic57i05.met	JJ17.022	0	1	0	2	Continue
23	CCV76-30	ic57i05.met	JJ17.023	0	1	0	1	Continue
24	J109-04 DF=2	ic57i05.met	JJ17.024	0	1	0	2	Continue
25	CCV77-15	ic57i05.met	JJ17.025	0	1	0	1	Continue

Waiting For Trigger...

Start | EZChrom Chro... | Method: Ic5... | Method: Ic57i0... | Exploring - Seq... | Exploring - Export | Calculator | Tuesday, October 17, 2006 | 7:35 PM

Method: Ic57i05.met - Batch: J17.seq - Data: JJ17.016 - [Batch: J17.seq]

File Edit Method Batch Options Analysis Control Window Help

Method | Data | Batch | Setup | Batch | Preview | Single | STOP | Recalib | Analyze | Reports

Run	Sample ID	Method	Filename	Level	Sample	ISTD	Mult.	Failure Act
25	CCV77-15	ic57i05.met	JJ17.025	0	1	0	1	Continue
26	IPCS	ic57i05.met	JJ17.026	0	1	0	1	Continue
27	PCJ005WB	ic57i05.met	JJ17.027	0	1	0	1	Continue
28	MRL	ic57i05.met	JJ17.028	0	1	0	1	Continue
29	PCJ005WL	ic57i05.met	JJ17.029	0	1	0	1	Continue
30	PCJ005WC	ic57i05.met	JJ17.030	0	1	0	1	Continue
31	J021-06 DF=16	ic57i05.met	JJ17.031	0	1	0	16	Continue
32	J021-07 DF=100	ic57i05.met	JJ17.032	0	1	0	100	Continue
33	J021-08 DF=200	ic57i05.met	JJ17.033	0	1	0	200	Continue
34	J021-09 DF=200	ic57i05.met	JJ17.034	0	1	0	200	Continue
35	J021-12 DF=16	ic57i05.met	JJ17.035	0	1	0	16	Continue
36	J021-13 DF=16	ic57i05.met	JJ17.036	0	1	0	16	Continue
37	CCV78-30	ic57i05.met	JJ17.037	0	1	0	1	Continue
38	J021-15 DF=16	ic57i05.met	JJ17.038	0	1	0	16	Continue
39	J068-04 DF=16	ic57i05.met	JJ17.039	0	1	0	16	Continue
40	J068-05 DF=1000	ic57i05.met	JJ17.040	0	1	0	1000	Continue
41	J067-03 DF=10	ic57i05.met	JJ17.041	0	1	0	10	Continue
42	J067-04 DF=1000	ic57i05.met	JJ17.042	0	1	0	1000	Continue
43	J067-07 DF=2000	ic57i05.met	JJ17.043	0	1	0	2000	Continue
44	J067-07D DF=2000	ic57i05.met	JJ17.044	0	1	0	2000	Continue
45	J067-07M DF=2000	ic57i05.met	JJ17.045	0	1	0	2000	Continue
46	CCV79-15	ic57i05.met	JJ17.046	0	1	0	1	Continue
47	B	ic57i05.met	JJ17.047	0	1	0	1	Continue
48	B	ic57i05.met	JJ17.048	0	1	0	1	Continue
49	B	ic57i05.met	JJ17.049	0	1	0	1	Continue

Instrument 1: T057

Start | EZChrom Chromatography... | Method: Ic57i05.met | Method: Ic57i05.met - Bat... | untitled - Paint | Tuesday, October 17, 2006 | 7:36 PM

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06J067

METHOD 2320B
ALKALINITY

Three (3) water samples were received on 10/06/06 for Bicarbonate and Carbonate Alkalinity analyses by Method 2320B in accordance with "Standard Methods for the Examination of Water and Wastewater", 18th edition (1990).

1. **Holding Time**

   Analysis met holding time criteria.

2. **Method Blank**

   Method blank was free of contamination at the reporting limit.

3. **Lab Control Sample/Lab Control Sample Duplicate**

   Lab control results were within QC limit.

4. **Duplicate**

   Duplicate sample was not designated in this SDG.

5. **Sample Analysis**

   Samples were analyzed according to the prescribed QC procedures. All criteria were met.

METHOD 2320B
BICARBONATE ALKALINITY

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2
Batch No. : 06J067

Matrix : WATER
Instrument ID : I53

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Received DATETIME
MBLK1W	ALJ008WB	ND	1	NA	5.00	1.00	10/13/0611:15	NA	ALJ008-01	NA	ALJ008W	NA	NA
LCS1W	ALJ008WL	113	1	NA	5.00	1.00	10/13/0611:21	NA	ALJ008-02	NA	ALJ008W	NA	NA
LCD1W	ALJ008WC	113	1	NA	5.00	1.00	10/13/0611:24	NA	ALJ008-03	NA	ALJ008W	NA	NA
LEB-100506-B	J067-02	1.00J	1	NA	5.00	1.00	10/13/0612:30	NA	ALJ008-22	NA	ALJ008W	10/05/06	10/06/06
TT-MW2-11	J067-03	175	1	NA	5.00	1.00	10/13/0612:36	NA	ALJ008-23	NA	ALJ008W	10/05/06	10/06/06
TT-MW2-12	J067-05	155	1	NA	5.00	1.00	10/13/0613:08	NA	ALJ008-24	NA	ALJ008W	10/05/06	10/06/06

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
METHOD: METHOD 2320B
MATRIX: WATER
% MOISTURE: NA

BATCH NO.: 06J067
SAMPLE ID: LCS1W/LCD1W
CONTROL NO.: ALJ008WL/C

DATE RECEIVED: NA
DATE EXTRACTED: NA
DATE ANALYZED: 10/13/06 11:21/11:24

ACCESSION:

PARAMETER	BLNK RSLT (mg/L)	SPIKE AMT (mg/L)	BS RSLT (mg/L)	BS % REC	SPIKE AMT (mg/L)	BSD RSLT (mg/L)	BSD % REC	RPD %	QC LIMIT %	RPD LIMIT %
Bicarbonate Alkalinity	ND	117	113	97	117	113	97	0	80-120	20

METHOD 2320B
CARBONATE ALKALINITY

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2
Batch No. : 06J067

Matrix : WATER
Instrument ID : I53

SAMPLE ID	EMAX SAMPLE ID	RESULTS (mg/L)	DLF	MOIST	RL (mg/L)	MDL (mg/L)	Analysis DATETIME	Extraction DATETIME	LFID	CAL REF	PREP BATCH	Collection DATETIME	Receive DATETIM
MBLK1W	ALJ008WB	ND	1	NA	5.00	1.00	10/13/0611:15	NA	ALJ008-01	NA	ALJ008W	NA	NA
LEB-100506-B	J067-02	ND	1	NA	5.00	1.00	10/13/0612:30	NA	ALJ008-22	NA	ALJ008W	10/05/06	10/06/0
TT-MW2-11	J067-03	ND	1	NA	5.00	1.00	10/13/0612:36	NA	ALJ008-23	NA	ALJ008W	10/05/06	10/06/0
TT-MW2-12	J067-05	ND	1	NA	5.00	1.00	10/13/0613:08	NA	ALJ008-24	NA	ALJ008W	10/05/06	10/06/0

ANALYSIS RUN LOG
for
ALKALINITY

Note: For samples, relevant QCs/Standards analyzed, refer to attached analytical sequence.

Comments:

Book #: AAL-014

Instrument No.: ☑ 53 ☐ 97

Analytical Batch: ALJ008

SOP #	Rev. #
☑ EMAX-310.1	2
☑ EMAX-2320B	0
☐ EMAX-	

STANDARDS ID	CONC. (mg/L)
LCS SW7A-07-059	117
Na_2CO_3 Solution	N/A
Acid Titrant SW7A-07-116	0.02N

pH Buffer	ID
pH 4	SW7A-06-299
pH 7	SW7A-07-111
pH 10	SW7A-07-112
pH Check	SW7A-07-078

Analyzed By: JJ/JMJ

Date: 10/13/06

ALKALINITY REPORT FORM

06ALJ008

EMAX LABORATORIES, INC.

SOP: EMAX-310.1 Rev. 3

Start Date/Time: 10/13/06 11:12 End Date/Time: 10/13/06 13:08

Book #: AAL-014

Page: 37

Data File Name	Lab Sample ID	Sample Amount (ml)	Volume of Acid Titant (A) ml pH=8.3	Volume of Acid Titant (B) ml pH=4.5	Volume of Acid Titant (C) ml pH=4.2	ALKALINITY (mg/L) TOTAL[P]	TOTAL[T]	[OH]	[CO_3]	[HCO_3]	NOTES
ALJ008-1	ALJ008WB	20	NA	0.01	NA	ND	ND	ND	ND	ND	
ALJ008-2	ALJ008WL	20	NA	2.25	NA	ND	113	ND	ND	113	
ALJ008-3	ALJ008WC	20	NA	2.25	NA	ND	113	ND	ND	113	
ALJ008-4	J101-01	20	NA	3.7	NA	ND	185	ND	ND	185	
ALJ008-5	J101-02	20	NA	3.6	NA	ND	180	ND	ND	180	
ALJ008-6	J814-01	20	NA	3.7	NA	ND	185	ND	ND	185	
ALJ008-7	J814-01D	20	NA	3.65	NA	ND	183	ND	ND	183	
ALJ008-8	J814-02	20	NA	3.65	NA	ND	183	ND	ND	183	
ALJ008-9	J814-03	20	NA	3.55	NA	ND	178	ND	ND	178	
ALJ008-10	J814-04	20	NA	3.7	NA	ND	185	ND	ND	185	
ALJ008-11	J814-05	20	NA	3.5	NA	ND	175	ND	ND	175	
ALJ008-12	J814-06	20	NA	3.65	NA	ND	183	ND	ND	183	
ALJ008-13	J814-07	20	NA	3.55	NA	ND	178	ND	ND	178	
ALJ008-14	J814-08	20	NA	3.5	NA	ND	175	ND	ND	175	
ALJ008-15	J814-09	20	NA	3.55	NA	ND	178	ND	ND	178	
ALJ008-16	J814-10	20	NA	3.6	NA	ND	180	ND	ND	180	
ALJ008-17	J814-11	20	NA	3.6	NA	ND	180	ND	ND	180	
ALJ008-18	J814-12	20	NA	3.6	NA	ND	180	ND	ND	180	
ALJ008-19	J818-01	20	NA	3.6	NA	ND	180	ND	ND	180	
ALJ008-20	J818-02	20	NA	3.5	NA	ND	175	ND	ND	175	
ALJ008-21	J818-03	20	NA	3.55	NA	ND	178	ND	ND	178	
ALJ008-22	J067-02	100	NA	0.1	NA	ND	1	ND	ND	1	
ALJ008-23	J067-03	20	NA	3.5	NA	ND	175	ND	ND	175	
ALJ008-24	J067-05	20	NA	3.1	NA	ND	155	ND	ND	155	

TITRANT HCl (N)=	0.02000

MISCELLANEOUS INFORMATION		
Standard	Concentration	
Acid Titrant, HCl	0.02	*N*
Na_2CO_3 (Zor Z_N)*	2.63	*g/L*
LCS	117	*mg/L*
MS	66.25	*mg/L*
MDL	1	*mg/L*
RL	5	*mg/L*

ALKALINITY (mg/L)

$$P = \frac{(A)(N)(50,000)}{S}$$

$$T = \frac{(2B-C)(N)(50,000)}{S} \quad for\ T<20mg/L$$

$$T = \frac{(B)(N)(50,000)}{S} \quad for\ T>20mg/L$$

Comments:

Sample Duplicate		
Sample ID	Result	RPD
J814-01	185	
J814-01D	183	1%

Total Alkalinity MS Recovery		
Sample ID	Result	Rec.
RPD		

Total Alkalinity LCS Recovery			
Sample ID	Result	Rec.	RPD
ALJ008WL	113	97%	
ALJ008WC	113	97%	0%
Comments: Standardization of Acid Titrant (N)			

Analyzed by: JJ/MJM

LABORATORY REPORT FOR

TETRA TECH, INC.

LMC BEAUMONT SITE 2

N-NITROSODIMETHYLAMINE BY GCMS

SDG#: 06J067

Maxxam Analytics Inc

LEVEL 4 DATA PACKAGE
FOR
EMAX Laboratories INC.

Project: 06J067

Maxxam Analytics
5555 North Service Road
Burlington, Ontario L7L 5H7

Maxxam project #: A6A9290

Approved by: James Hartley – Project Manager

Initial: JH

1. CASE NARRATIVE

PROJECT NARRATIVE

Maxxam Analytics (Burlington ON)
Maxxam Job #: A6A9290

Client: EMAX LABORATORIES INC
Client Project: 06J067 TETRA TECH

I. SAMPLE RECEIPT/ANALYSIS

a) Sample Listing

Maxxam ID	Client Sample ID	Date Sampled	Date Received	Date Prepped	Date Run	Initial Calibration
Nitrosamines in Water by HRMS						
O82380	LEB-100506-B	2006/10/05	2006/10/11	2006/10/12	2006/10/25	2006/10/25
O82381	TT-MW2-11	2006/10/05	2006/10/11	2006/10/12	2006/10/25	2006/10/25
O82382	TT-MW2-12	2006/10/05	2006/10/11	2006/10/12	2006/10/25	2006/10/25

Run Date is defined as the date of injection of the last calibration standard (12 hours or less) prior to the samples analyzed within that run sequence. Therefore the time of calibration injection that defines the run date is always within 12 hours of the time of sample injection.

b) Shipping Problems: none encountered

c) Documentation Problems: none encountered

II. SAMPLE PREP:

No problems encountered

III. SAMPLE ANALYSIS:

See also comments within the appropriate Certificate of Analysis

a) Hold Times: all within recommended hold times

b) Instrument Calibration: all within control limits

c) Quality Control: All applicable QC meets control criteria, except where otherwise noted.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for other than the conditions detailed above.

In addition, I certify, that to the best of my knowledge and belief, the data as reported are true and accurate. Release of the data contained in this data package has been authorized by the cognizant laboratory official or his/her designee, as verified by this signature.

James Hartley - Project Manager

15 Nov 06
Date

2. DATA SUMMARY

- Certificate of Analysis –

- Sample analyte result
- Method blank result
- LCS Results with % Recoveries
- Matrix Spike data with % Recoveries
- Matrix Spike Duplicate data with % Recoveries
- Surrogate recoveries

Your Project #: 06J067
Site: TETRA TECH

Attention: Ye Myint
EMAX LABORATORIES INC
1835 W 205TH ST
TORRANCE, CA
USA 90501

Report Date: 2006/11/07

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A6A9290
Received: 2006/10/11, 12:00

Sample Matrix: Water
Samples Received: 3

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Method Reference
Nitrosamines in Water by HRMS (1)	3	2006/10/12	2006/10/25	BRL SOP 0400, 0401	EPA 607 / 1625 mod

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) This test was performed by Maxxam Analytics Burlington

MAXXAM ANALYTICS INC.

JAMES HARTLEY
Burlington Project Manager

JHA/jha
encl.

Validated by :
EDMOND MCNEIL, B.Sc.(Hons), C.Chem.
Senior Analyst, HRMS Services

Total cover pages: 1

5555 North Service Road, Burlington, Ontario, Canada L7L5H7 Tel: (905) 332-8788 Toll Free: (800) 668-0639 Fax: (905) 332-9169

Maxxam Job #: A6A9290
Report Date: 2006/11/07

EMAX LABORATORIES INC
Client Project #: 06J067
Project name: TETRA TECH
Sampler Initials:

SEMI-VOLATILE ORGANICS BY HRMS (WATER)

Maxxam ID		O82380	O82381		O82382			
Sampling Date		2006/10/05 09:15	2006/10/05 09:40		2006/10/05 12:20			
	Units	LEB-100506-B	TT-MW2-11	RDL	TT-MW2-12	RDL	QC Batch	MDL
N-Nitrosodimethylamine	ng/L	ND	8.89	2.00	7.59	7.00	1076543	0.540
Surrogate Recovery (%)								
D6-N-Nitrosodimethylamine	%	15	13		34		1076543	

ND = Not detected
RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

5555 North Service Road, Burlington, Ontario, Canada L7L 5H7 Tel: (905) 332-8788 Toll Free: (800) 668-0639 Fax: (905) 332-9169

Maxxam Job #: A6A9290
Report Date: 2006/11/07

EMAX LABORATORIES INC
Client Project #: 06J067
Project name: TETRA TECH
Sampler Initials:

Test Summary

Maxxam ID	O82380	**Collected**	2006/10/05
Sample ID	LEB-100506-B	**Shipped**	
Matrix	Water	**Received**	2006/10/11

Test Description	Instrumentation	Batch	Prepared	Analyzed	Analyst
Nitrosamines in Water by HRMS	HRMS/MS	1076543	2006/10/12	2006/10/25	VCI

Maxxam ID	O82381	**Collected**	2006/10/05
Sample ID	TT-MW2-11	**Shipped**	
Matrix	Water	**Received**	2006/10/11

Test Description	Instrumentation	Batch	Prepared	Analyzed	Analyst
Nitrosamines in Water by HRMS	HRMS/MS	1076543	2006/10/12	2006/10/25	VCI

Maxxam ID	O82382	**Collected**	2006/10/05
Sample ID	TT-MW2-12	**Shipped**	
Matrix	Water	**Received**	2006/10/11

Test Description	Instrumentation	Batch	Prepared	Analyzed	Analyst
Nitrosamines in Water by HRMS	HRMS/MS	1076543	2006/10/12	2006/10/25	VCI

5555 North Service Road, Burlington, Ontario, Canada L7L 5H7 Tel: (905) 332-8788 Toll Free: (800) 668-0639 Fax: (905) 332-9169

Maxxam Job #: A6A9290
Report Date: 2006/11/07

EMAX LABORATORIES INC
Client Project #: 06J067
Project name: TETRA TECH
Sampler Initials:

GENERAL COMMENTS

Sample O82382-01: The sample detection limit has been elevated due to a lower initial sample volume.

Results relate only to the items tested.

5565 North Service Road, Burlington, Ontario, Canada L7L 5H7 Tel: (905) 332-8788 Toll Free: (800) 668-0839 Fax: (905) 332-9169

EMAX LABORATORIES INC
Attention: Ye Myint
Client Project #: 06J067
P.O. #:
Project name: TETRA TECH

Quality Assurance Report

Maxxam Job Number: GA6A9290

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	%Recovery	Units	QC Limits
1076543 VCI	Spiked Blank	D6-N-Nitrosodimethylamine	2006/10/25		18	%	10 - 81
	Spiked Blank DUP	D6-N-Nitrosodimethylamine	2006/10/25		18	%	10 - 81
	Spiked Blank	N-Nitrosodimethylamine	2006/10/25	6.50, RDL=2.00	130	ng/L	65 - 135
	Spiked Blank DUP	N-Nitrosodimethylamine	2006/10/25	6.65, RDL=2.00	133	ng/L	65 - 135
	Method Blank	D6-N-Nitrosodimethylamine	2006/10/25		16	%	10 - 81
		N-Nitrosodimethylamine	2006/10/25	ND, RDL=2.00		ng/L	

ND = Not detected
SPIKE = Fortified sample

5555 North Service Road, Burlington, Ontario, Canada L7L 5H7 Tel: (905) 332-9788 Toll Free: (800) 668-0639 Fax: (905) 332-9169

Validation Signature Page

Maxxam Job #: A6A9290

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).

EDMOND MCNEIL, B.Sc.(Hons), C.Chem., Senior Analyst, HRMS Services

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CAEAL have approved this reporting process and electronic report format.

5555 North Service Road, Burlington, Ontario, Canada L7L 5H7 Tel: (905) 332-8788 Toll Free: (800) 668-0639 Fax: (905) 332-9169

3. SAMPLE DATA

3. SAMPLE DATA – Section Structure

Listing of possible sub-sections. Any sub-section below included where applicable to sample submission or SDG of concern. Each sub-section below further divided into Sample Data, b) Calibration Data c) QC Data, d) Prep Logs and Run Sequences.

A VOC
- i) 5030B/8260B (Waters/Condensates)
- ii) 5041A/8260B (VOST)
- iii) 5035/8260B (Solids/Wastes)
- iv) TO14/TO15 (SUMMA Canisters/Tedlar Bags)

B PCDD/F
- i) HRMS (DB5) – 8290 or M23 or 1613B
- ii) HRMS (DB225) – 8290 or M23 or 1613B
- iii) LRMS – 8280A
- iv) SIM LRMS – Mono-TriCDD/F

C SVOC
- i) LRMS – 8270
- ii) SIM LRMS

D PAH
- i) SIM LRMS – 8270 or CARB 429 or TO13
- ii) HRMS – CARB 429

E PCB
- i) SIM LRMS – CARB 428 or M680
- ii) HRMS – 1668B
- iii) GC/ECD – 8082

F OC Pesticides
- i) HRMS-NYSDEC HRMS-3
- ii) GC/ECD 8081A

G GC/FID Methods

3B NDMA Data

i) HRMS – Modified Method 607/1625 Rev. B

a) Sample Data

For each sample in MAXXAM numerical order:

- Copies of the spreadsheet calculations (these maybe once at the beginning of this sub-section)
- As above and/or quantitation report
- Ion Plots

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\jobs\A6A9290.qld

Last Altered: Wednesday, October 25, 2006 08:00:00 AM
Printed: Wednesday, October 25, 2006 08:50:59 AM

Method: \\Kr\c\MassLynx\Default.pro\Methdb\Nitros1.mdb 11 Oct 2006 10:25:03
Calibration: C:\MassLynx\DEFAULT.PRO\CurveDB\ndmacali_20061024.cdb 24 Oct 2006 14:08:04

Name: kr29120034.*, Date: 24-Oct-2006, Time: 17:07:34, Job: , Description: 1076543,O82380-01R,N,1,2

NDMA

kr29120034 Smooth(Mn,3x1)
1076543,O82380-01R,N,1,2

propyl ester trace

kr29120034
1076543,O82380-01R,N,1,2

D6-NDMA

kr29120034 Smooth(Mn,3x1)
1076543,O82380-01R,N,1,2

D8-Naphthalene

kr29120034 Smooth(Mn,3x1)
1076543,O82380-01R,N,1,2

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\jobs\A6A9290.qld

Last Altered: Wednesday, October 25, 2006 08:00:00 AM
Printed: Wednesday, October 25, 2006 08:50:59 AM

Name: kr29120034.*, Date: 24-Oct-2006, Time: 17:07:34, Job: , Description: 1076543,O82380-01R,N,1,2

lock mass1

kr29120034 Smooth(Mn,3x1)
1076543,O82380-01R,N,1,2

lock mass5

kr29120034 Smooth(Mn,3x1)
1076543,O82380-01R,N,1,2

#	Compound Name	Trace	Abs Resp	RT	Conc	%Rec	RRF Mean	Mod Date	DNsol
1	NDMA	74.0480	33	2.09	0.104 ND		1.20	25-Oct-06	960
2	propyl ester trace	74.0360					0.181		960
11	D6-NDMA	80.086	2676	2.06	1450	14.77	0.210		1.00
13	D8-Naphthalene	136.1128	220479	7.39	25000	100.00	1.00		1.00

VU

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\jobs\A6A9290.qld

Last Altered: Wednesday, October 25, 2006 08:00:00 AM
Printed: Wednesday, October 25, 2006 08:50:59 AM

Name: kr29120035.*, Date: 24-Oct-2006, Time: 17:24:45, Job: , Description: 1076542,O82381-01R,N,1,2

NDMA

kr29120035 Smooth(Mn,3x1)
1076542,O82381-01R,N,1,2

F1:SIR of 4 channels,EI+
74.0480
7.772e+004

propyl ester trace

kr29120035
1076542,O82381-01R,N,1,2

F1:SIR of 4 channels,EI+
74.0360
1.200e+005

D6-NDMA

kr29120035 Smooth(Mn,3x1)
1076542,O82381-01R,N,1,2

F1:SIR of 4 channels,EI+
80.086
7.210e+004

D8-Naphthalene

kr29120035 Smooth(Mn,3x1)
1076542,O82381-01R,N,1,2

F5:SIR of 6 channels,EI+
136.1128
2.347e+006

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\jobs\A6A9290.qld

Last Altered: Wednesday, October 25, 2006 08:00:00 AM
Printed: Wednesday, October 25, 2006 08:50:59 AM

3 fm

Name: kr29120035.*, Date: 24-Oct-2006, Time: 17:24:45, Job: , Description: 1076542,O82381-01R,N,1,2

lock mass1

kr29120035 Smooth(Mn,3x1)
1076542,O82381-01R,N,1,2

F1:SIR of 4 channels,EI+
68.9952
6.419e+008

lock mass5

kr29120035 Smooth(Mn,3x1)
1076542,O82381-01R,N,1,2

F5:SIR of 6 channels,EI+
118.9920
1.045e+008

#	Compound Name	Trace	Abs Resp	RT	ng/L	%Rec	RRF Meth	Mod Date	Divisor
1	NDMA	74.0480	2638	2.09	8.89		1.20	25-Oct-06	950
2	propyl ester trace	74.0360	2472	1.95	14.4		0.181		950
11	D6-NDMA	80.086	2555	2.06	1280	13.07	0.210		1.00
13	D8-Naphthalene	136.1128	237844	7.41	25000	100.00	1.00		1.00

10

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\jobs\A6A9290.qld

Last Altered: Wednesday, October 25, 2006 08:00:00 AM
Printed: Wednesday, October 25, 2006 08:50:59 AM

3 fm

Name: kr29120036.*, Date: 24-Oct-2006, Time: 17:41:56, Job: , Description: 1076542,O82382-01R,N,1,2

NDMA

kr29120036 Smooth(Mn,3x1)
1076542,O82382-01R,N,1,2

F1:SIR of 4 channels,EI+
74.0480
6.801e+004

propyl ester trace

kr29120036
1076542,O82382-01R,N,1,2

F1:SIR of 4 channels,EI+
74.0360
1.376e+005

D6-NDMA

kr29120036 Smooth(Mn,3x1)
1076542,O82382-01R,N,1,2

F1:SIR of 4 channels,EI+
80.086
1.468e+005

D8-Naphthalene

kr29120036 Smooth(Mn,3x1)
1076542,O82382-01R,N,1,2

F5:SIR of 6 channels,EI+
136.1128
2.837e+006

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\jobs\A6A9290.qld

Last Altered: Wednesday, October 25, 2006 08:00:00 AM
Printed: Wednesday, October 25, 2006 08:50:59 AM

3 fn

Name: kr29120036.*, Date: 24-Oct-2006, Time: 17:41:56, Job: , Description: 1076542,O82382-01R,N,1,2

lock mass1

kr29120036 Smooth(Mn,3x1)
1076542,O82382-01R,N,1,2
lock mass1;1.92;2591577.75;113552.55 ng/L

F1:SIR of 4 channels,EI+
68.9952
6.419e+008

lock mass5

kr29120036 Smooth(Mn,3x1)
1076542,O82382-01R,N,1,2

F5:SIR of 6 channels,EI+
118.9920
1.009e+008

	Compound Name	Trace	Abs Resp	RT	Amt/L	%Rec	RRF Mean	Mod Date	Dilution
1	NDMA	74.0480	1936	2.09	7.59		1.20		280
2	propyl ester trace	74.0360	1530	2.09	30.2		0.181		280
11	D6-NDMA	80.086	7456	2.08	3330	34.01	0.210	25-Oct-06	1.00
13	D8-Naphthalene	136.1128	266780	7.39	25000	100.00	1.00		1.00

MU

3B NDMA Data

i) HRMS – Modified Method 607/1625 Rev. B

b) Calibration Data

By each ICal run date:
- Initial calibration table
- Raw data for the initial calibration runs
- Instrument Performance – Mass Resolution Checks
- GC Performance – Peak Valley Criteria & Window Mix

By each ConCal run date
- Continuing calibration table
- Raw data for each continuing calibration run
- Instrument Performance – Mass Resolution Checks
- GC Performance – Peak Valley Criteria & Window Mix

KRATOS MACH3 SAMPLE LOGFILE REPORT:- Logname 20061024

Vial	Base name	Sample ID	User ID	Type	Quantity or Level	Extract Vol.	Inj. Vol.	# Inj.	Std Fac
1	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	1.00ng/mL,B1-060NDMW-0191								
2	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	5.00ng/mL,B1-060NDMW-0192								
3	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	20.0ng/mL,B1-060NDMW-0193								
4	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	50.0ng/mL,B1-060NDMW-0194								
5	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	80.0ng/mL,B1-060NDMW-0195								
6	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	100ng/mL,B1-060NDMW-0196								
7	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	200ng/mL,B1-060NDMW-0197								
8	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	10.00ng/mLB1-060NDMW-0198								
9	kr2912			Conc	1.000	1.000	1.000	1	1.00
Experiment:	nitros								
Title:	1072826,SPIKE.N,1,2								
10	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	1072826,SPIKE,N,1,2								
11	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	1072826,BLANK,N1,2								
12	kr2912			Conc	1.000	0.000	1.000	1	0.00

..RATOS MACH3 SAMPLE LOGFILE REPORT:- Logname 20061024

Vial	Base name	Sample ID	User ID	Type	Quantity or Level	Extract Vol.	Inj. Vol.	# Inj.	Std Fac
Experiment: nitros									
Title: 1072826,GLASS BLANK,N,1,2									
13	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment: nitros									
Title: NDMA H2O,20061016 FIRST									
14	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment: nitros									
Title: NDMA H2O,20061016,LAST									
15	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment: nitros									
Title: 1072826,073869-01R,N,1,2									
16	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment: nitros									
Title: 1072826,073870-01R,N,1,2									
17	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment: nitros									
Title: 1072826,073871-01R,N,1,2									
18	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment: nitros									
Title: 1072826,073872-01R,N,1,2									
19	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment: nitros									
Title: 1072826,073897-01R,N,1,2									
20	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment: nitros									
Title: 1072826,073898-01R,N,1,2									
21	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment: nitros									
Title: 1072826,073899-01R,N,1,2									
22	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment: nitros									
Title: 1072826,073900-01R,N,1,2									
23	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment: nitros									

RATOS MACH3 SAMPLE LOGFILE REPORT:- Logname 20061024

Inl	Base name	Sample ID	User ID	Type	Quantity or Level	Extract Vol.	Inj. Vol.	# Inj.	Std Fac
	Title: DCM BLANK ← Spike D								
24	kr2912			Conc	1.000	1.000	1.000	1	1.00
Experiment:	nitros								
	Title: 80.0ng/mL B1-060NDMW-195								
25	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
	Title: 1076543,SPIKE,N,1,2								
26	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
	Title: 1076543,SPIKE,D,1,2								
27	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
	Title: 1076543,BLANK,N,1,2								
28	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
	Title: 1076543,GLASS BLANK,N,1,2								
29	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
	Title: 1076543,082380-01R,N,1,2								
30	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
	Title: 1076542,082381-01R,N,1,2								
31	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
	Title: 1076542,082382-01R,N,1,2								
32	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
	Title: DCM								
33	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
	Title: 80.0ng/mL,B1-060NDMW-0195								
34	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
	Title: 1075088,066717-01R,N,1,2								

RATOS MACH3 SAMPLE LOGFILE REPORT:- Logname 20061024

Vial	Base name	Sample ID	User ID	Type	Quantity or Level	Extract Vol.	Inj. Vol.	# Inj.	Std Fac
35	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	1075088,O74946-01R,N,1,2								
36	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	1075090,O78628-01R,N,1,2								
37	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	1075090,O78629-01R,N,1,2								
38	kr2912			Conc	1.000	1.000	1.000	1	1.00
Experiment:	nitros								
Title:	dcm								
39	kr2912			Conc	1.000	0.000	1.000	1	0.00
Experiment:	nitros								
Title:	80.0ng/mL,B1-060NDMW-0194								
40	kr2912			Conc	1.000	1.000	1.000	1	1.00
Experiment:	geo_off								
Title:	no file								

S.I.M. Calibration 24-Oct-2006 07:54, Run: kr29120003, Expt: nitros200 Normalised Plot Sweep: 500 ppm, Threshold: 0.00mV, Tolerance: 500 ppm

Group 1, Start Mass: 50.240, Reference Peaks: 3

Group 2, Start Mass: 50.240, Reference Peaks: 4

S.I.M. Calibration 24-Oct-2006 07:54, Run: kr29120003, Expt: nitros200 Normalised Plot Sweep: 500 ppm, Threshold: 0.00mV, Tolerance: 500 ppm

S.I.M. Calibration 24-Oct-2006 07:54, Run: kr29120003, Expt: nitros200 Normalised Plot Sweep: 500 ppm, Threshold: 0.00mV, Tolerance: 500 ppm

Group 5, Start Mass: 79.780, Reference Peaks: 6

S.I.M. Calibration 24-Oct-2006 07:54, Run: kr29120003, Expt: nitros200 Normalised Plot Sweep: 500 ppm, Threshold: 0.00mV, Tolerance: 500 ppm

Group 6, Start Mass: 98.494, Reference Peaks: 5

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Method: \\Kr\c\MassLynx\Default.pro\Methdb\Nitros1.mdb 24 Oct 2006 14:08:04
Calibration: 24 Oct 2006 14:08:04

Name: kr29120006.*, Date: 24-Oct-2006, Time: 09:06:27, Job: , Description: 5.00ng/mL,B1-060NDMW-0192

NDMA

kr29120006 Smooth(Mn,3x1)
5.00ng/mL,B1-060NDMW-0192

propyl ester trace

kr29120006
5.00ng/mL,B1-060NDMW-0192

D6-NDMA

kr29120006 Smooth(Mn,3x1)
5.00ng/mL,B1-060NDMW-0192

D8-Naphthalene

kr29120006 Smooth(Mn,3x1)
5.00ng/mL,B1-060NDMW-0192

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Name: kr29120006.*, Date: 24-Oct-2006, Time: 09:06:27, Job: , Description: 5.00ng/mL,B1-060NDMW-0192

lock mass1

lock mass5

#	Compound Name	Trace	Area Resp	RT	ng/L	RRF	RRF Mean	RRF %Rel SD	Mod Date
1	NDMA	74.0480	2588	2.15	4710	1.127	1.20	4.237	
2	propyl ester trace	74.0360	3140	1.91	17400	0.628	0.181	165.500	
11	D6-NDMA	80.086	4500	2.12	8080	0.173	0.210	10.850	
13	D8-Naphthalene	136.1128	66372	7.50	25000	1.000	1.00	0.000	

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Name: kr29120007.*, Date: 24-Oct-2006, Time: 09:23:37, Job: , Description: 20.0ng/mL,B1-060NDMW-0193

NDMA

kr29120007 Smooth(Mn,3x1)
20.0ng/mL,B1-060NDMW-0193

F1:SIR of 4 channels,EI+
74.0480
2.333e+005

propyl ester trace

kr29120007
20.0ng/mL,B1-060NDMW-0193

F1:SIR of 4 channels,EI+
74.0360
7.703e+004

D6-NDMA

kr29120007 Smooth(Mn,3x1)
20.0ng/mL,B1-060NDMW-0193

F1:SIR of 4 channels,EI+
80.086
1.061e+005

D8-Naphthalene

kr29120007 Smooth(Mn,3x1)
20.0ng/mL,B1-060NDMW-0193

F5:SIR of 6 channels,EI+
136.1128
7.533e+005

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Name: kr29120007.*, Date: 24-Oct-2006, Time: 09:23:37, Job: , Description: 20.0ng/mL,B1-060NDMW-0193

lock mass1

lock mass5

#	Compound Name	Trace	Abs Resp	RT	ng/L	RRFx	RRF Mean	RRF %RelSD	Mod Date
1	NDMA	74.0480	14140	2.11	20700	1.242	1.20	4.237	
2	propyl ester trace	74.0360	1463	1.89	8080	0.073	0.181	165.500	
11	D6-NDMA	80.086	5577	2.09	9180	0.196	0.210	10.850	
13	D8-Naphthalene	136.1128	72441	7.46	25000	1.000	1.00	0.000	

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Name: kr29120008.*, Date: 24-Oct-2006, Time: 09:40:54, Job: , Description: 50.0ng/mL,B1-060NDMW-0194

NDMA

propyl ester trace

D6-NDMA

D8-Naphthalene

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Name: kr29120008.*, Date: 24-Oct-2006, Time: 09:40:54, Job: , Description: 50.0ng/mL,B1-060NDMW-0194

lock mass1

kr29120008 Smooth(Mn,3x1)
50.0ng/mL,B1-060NDMW-0194

lock mass5

kr29120008 Smooth(Mn,3x1)
50.0ng/mL,B1-060NDMW-0194

#	Compound Name	Trace m/z	Abs Resp	RT	ng/L	RRF	RRF Mean	RRF %Rel SD	Mod Date
1	NDMA	74.0480	42965	2.09	48000	1.149	1.20	4.237	
2	propyl ester trace	74.0360	939	1.98	5190	0.019	0.181	165.500	
11	D6-NDMA	80.086	7330	2.08	9650	0.206	0.210	10.850	
13	D8-Naphthalene	136.1128	90576	7.43	25000	1.000	1.00	0.000	

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Name: kr29120009,*, Date: 24-Oct-2006, Time: 09:58:09, Job: , Description: 80.0ng/mL,B1-060NDMW-0195

NDMA

kr29120009 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0195

F1:SIR of 4 channels,EI+
74.0480
1.242e+006

propyl ester trace

kr29120009
80.0ng/mL,B1-060NDMW-0195

F1:SIR of 4 channels,EI+
74.0360
1.716e+005

D6-NDMA

kr29120009 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0195

F1:SIR of 4 channels,EI+
80.086
1.555e+005

D8-Naphthalene

kr29120009 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0195

F5:SIR of 6 channels,EI+
136.1128
1.002e+006

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Name: kr29120009.*, Date: 24-Oct-2006, Time: 09:58:09, Job: , Description: 80.0ng/mL,B1-060NDMW-0195

lock mass1

lock mass5

	Compound Name	Trace	Abs Resp	RT	Conc	RRF	RRF Mean	RRF %RSD	Mod Date
1	NDMA	74.0480	83918	2.08	79400	1.189	1.20	4.237	
2	propyl ester trace	74.0360					0.181	165.500	
11	D6-NDMA	80.086	8646	2.06	11000	0.236	0.210	10.850	
13	D8-Naphthalene	136.1128	93598	7.41	25000	1.000	1.00	0.000	

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Name: kr29120010.*, Date: 24-Oct-2006, Time: 10:15:21, Job: , Description: 100ng/mL,B1-060NDMW-0196

NDMA

kr29120010 Smooth(Mn,3x1)
100ng/mL,B1-060NDMW-0196

F1:SIR of 4 channels,EI+
74.0480
1.157e+006

propyl ester trace

kr29120010
100ng/mL,B1-060NDMW-0196

F1:SIR of 4 channels,EI+
74.0360
9.628e+004

D6-NDMA

kr29120010 Smooth(Mn,3x1)
100ng/mL,B1-060NDMW-0196

F1:SIR of 4 channels,EI+
80.086
1.163e+005

D8-Naphthalene

kr29120010 Smooth(Mn,3x1)
100ng/mL,B1-060NDMW-0196

F5:SIR of 6 channels,EI+
136.1128
7.557e+005

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Name: kr29120010.*, Date: 24-Oct-2006, Time: 10:15:21, Job: , Description: 100ng/mL,B1-060NDMW-0196

lock mass1

kr29120010 Smooth(Mn,3x1)
100ng/mL,B1-060NDMW-0196

lock mass5

kr29120010 Smooth(Mn,3x1)
100ng/mL,B1-060NDMW-0196

#	Compound Name	Trace	Abs Resp	RT	Amt/Conc	RRF	RRF Mean	RRF %RelSD	Mod Date
1	NDMA	74.0480	78274	2.08	104000	1.246	1.20	4.237	
2	propyl ester trace	74.0360					0.181	165.500	
11	D6-NDMA	80.086	6157	2.06	10300	0.221	0.210	10.850	
13	D8-Naphthalene	136.1128	71010	7.39	25000	1.000	1.00	0.000	

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Name: kr29120011, Date: 24-Oct-2006, Time: 16:32:33, Job: , Description: 200ng/mL,B1-060NDMW-0197

NDMA

propyl ester trace

D6-NDMA

D8-Naphthalene

Dataset: C:\MassLynx\Default.pro\QuantlynxFiles\QC\20041024\ndmacali_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:08:04 PM
Printed: Tuesday, October 24, 2006 02:10:51 PM

Name: kr29120011.*, Date: 24-Oct-2006, Time: 13:32:33, Job: , Description: 200ng/mL,B1-060NDMW-0197

lock mass1

lock mass5

#	Compound Name	Trace	Abs Resp	RT	Conc	RRF	RRF Mean	RRF %RSD	Mod Date
1	NDMA	74.0480	160645	2.08	206000	1.232	1.20	4.237	
2	propyl ester trace	74.0360	793	2.03	4380	0.004	0.181	165.500	
11	D6-NDMA	80.086	6392	2.06	10500	0.225	0.210	10.850	
13	D8-Naphthalene	136.1128	72338	7.39	25000	1.000	1.00	0.000	

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061024\2ndsource_ndma_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:11:55 PM
Printed: Tuesday, October 24, 2006 02:15:05 PM

Method: \\Kr\c\MassLynx\Default.pro\Methdb\Nitros1.mdb 24 Oct 2006 14:11:33
Calibration: C:\MassLynx\Default.pro\Curvedb\ndmacali_20061024.cdb 24 Oct 2006 14:08:04

Name: kr29120012.*, Date: 24-Oct-2006, Time: 10:49:42, Job: , Description: 10.00ng/mLB1-060NDMW-0198

NDMA

propyl ester trace

D6-NDMA

D8-Naphthalene

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061024\2ndsource_ndma_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:11:55 PM
Printed: Tuesday, October 24, 2006 02:15:05 PM

Name: kr29120012.*, Date: 24-Oct-2006, Time: 10:49:42, Job: , Description: 10.00ng/mLB1-060NDMW-0198

lock mass1

kr29120012 Smooth(Mn,3x1)
10.00ng/mLB1-060NDMW-0198

F1:SIR of 4 channels,EI+
68.9952
6.419e+008

lock mass5

kr29120012 Smooth(Mn,3x1)
10.00ng/mLB1-060NDMW-0198

F5:SIR of 6 channels,EI+
118.9920
9.267e+007

	Compound Name	Trace	Abs Resp	RT	ng/L	%Rec	%Dev	Modifiedate	Ratio
1	NDMA	74.0480	5459	2.08	9050	90.52	-9.48	24-Oct-06	1.084
2	propyl ester trace	74.0360	1797	2.08	9930	99.31	-0.69		0.180
11	D6-NDMA	80.086	4935	2.06	8610	87.89	-12.11	24-Oct-06	0.184
13	D8-Naphthalene	136.1128	68322	7.38	25000	100.00	0.00		1.000

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061024\Threshold_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:16:12 PM
Printed: Tuesday, October 24, 2006 02:16:43 PM

Method: \\Kr\c\MassLynx\Default.pro\Methdb\Nitros1.mdb 11 Oct 2006 10:25:03
Calibration: C:\MassLynx\DEFAULT.PRO\CurveDB\ndmacali_20061024.cdb 24 Oct 2006 14:08:04

Name: kr29120005.*, Date: 24-Oct-2006, Time: 08:55:04, Job: , Description: 1.00ng/mL,B1-060NDMW-0191

NDMA

propyl ester trace

D6-NDMA

D8-Naphthalene

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061024\Threshold_20061024.qld

Last Altered: Tuesday, October 24, 2006 02:16:12 PM
Printed: Tuesday, October 24, 2006 02:16:43 PM

Name: kr29120005.*, Date: 24-Oct-2006, Time: 08:55:04, Job: , Description: 1.00ng/mL,B1-060NDMW-0191

lock mass1

kr29120005 Smooth(Mn,3x1)
1.00ng/mL,B1-060NDMW-0191

F1:SIR of 4 channels,EI+
68.9952
6.419e+008

lock mass5

kr29120005 Smooth(Mn,3x1)
1.00ng/mL,B1-060NDMW-0191

F5:SIR of 6 channels,EI+
118.9920
9.531e+007

#	Compound Name	Trace	Abs Resp	RT	Conc	%Rec	%Dev	Mod Date	RRF
1	NDMA	74.0480	588	2.23	1180	118.48	18.48	24-Oct-06	1.419
2	propyl ester trace	74.0360	703	2.00	3890	388.53	288.53		0.703
11	D6-NDMA	80.086	4062	2.20	6740	68.77	-31.23,	24-Oct-06	0.144
13	D8-Naphthalene	136.1128	71859	7.62	25000	100.00	0.00		1.000

1.00ng/mL,B1-060NDMW-0191
kr29120005
1: SIR of 4 Channels EI+
74.048
5.27e4
100
%
56
1.86
1.89
1.95
2.01
2.09
2.15
2.26
1.85
1.90
1.95
2.00
2.05
2.10
2.15
2.20
2.25
2.30
Time

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061024\ndmaconcals_20061024.qld

Last Altered: Wednesday, October 25, 2006 07:16:43 AM
Printed: Wednesday, October 25, 2006 07:18:51 AM

Method: \\Kr\c\MassLynx\Default.pro\Methdb\Nitros1.mdb 11 Oct 2006 10:25:03
Calibration: C:\MassLynx\DEFAULT.PRO\CurveDB\ndmacali_20061024.cdb 24 Oct 2006 14:08:04

Name: kr29120029.*, Date: 24-Oct-2006, Time: 15:41:48, Job: , Description: 80.0ng/mL B1-060NDMW-0195

NDMA

kr29120029 Smooth(Mn,3x1)
80.0ng/mL B1-060NDMW-0195

propyl ester trace

kr29120029
80.0ng/mL B1-060NDMW-0195

D6-NDMA

kr29120029 Smooth(Mn,3x1)
80.0ng/mL B1-060NDMW-0195

D8-Naphthalene

kr29120029 Smooth(Mn,3x1)
80.0ng/mL B1-060NDMW-0195

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061024\ndmaconcals_20061024.qld

Last Altered: Wednesday, October 25, 2006 07:16:43 AM
Printed: Wednesday, October 25, 2006 07:18:51 AM

Name: kr29120029.*, Date: 24-Oct-2006, Time: 15:41:48, Job: , Description: 80.0ng/mL B1-060NDMW-0195

lock mass1

kr29120029 Smooth(Mn,3x1)
80.0ng/mL B1-060NDMW-0195

lock mass5

kr29120029 Smooth(Mn,3x1)
80.0ng/mL B1-060NDMW-0195

#	Compound Name	Trace	Abs Resp	RT	ng/L	%Rec	%Dev	Mod Date	RRT
1	NDMA	74.0480	101845	2.09	84400	105.56	5.56		1.264
2	propyl ester trace	74.0360	1896	1.88	10500	13.10	-86.90		0.024
11	D6-NDMA	80.086	9870	2.08	10200	104.51	4.51		0.219
13	D8-Naphthalene	136.1128	114903	7.41	25000	100.00	0.00		1.000

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061024\ndmaconcals_20061024.qld

Last Altered: Wednesday, October 25, 2006 07:16:43 AM
Printed: Wednesday, October 25, 2006 07:18:51 AM

Name: kr29120038.*, Date: 24-Oct-2006, Time: 18:16:16, Job: , Description: 80.0ng/mL,B1-060NDMW-0195

NDMA

kr29120038 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0195

propyl ester trace

kr29120038
80.0ng/mL,B1-060NDMW-0195

D6-NDMA

kr29120038 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0195

D8-Naphthalene

kr29120038 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0195

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061024\ndmaconcals_20061024.qld

Last Altered: Wednesday, October 25, 2006 07:16:43 AM
Printed: Wednesday, October 25, 2006 07:18:51 AM

Name: kr29120038.*, Date: 24-Oct-2006, Time: 18:16:16, Job: , Description: 80.0ng/mL,B1-060NDMW-0195

lock mass1

kr29120038 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0195

F1:SIR of 4 channels,EI+
68.9952
6.419e+008

lock mass5

kr29120038 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0195

F5:SIR of 6 channels,EI+
118.9920
1.131e+008

#	Compound Name	Trace	Abs Resp	RT	Conc	%Rec	%Dev	Mod Date	RRT
1	NDMA	74.0480	117329	2.09	84900	106.17	6.17		1.271
2	propyl ester trace	74.0360	1743	1.97	9630	12.04	-87.96		0.022
11	D6-NDMA	80.086	11305	2.06	10800	110.56	10.56		0.232
13	D8-Naphthalene	136.1128	124401	7.41	25000	100.00	0.00		1.000

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061024\ndmaconcals_20061024.qld

Last Altered: Wednesday, October 25, 2006 07:16:43 AM
Printed: Wednesday, October 25, 2006 07:18:51 AM

Name: kr29120044.*, Date: 24-Oct-2006, Time: 19:59:29, Job: , Description: 80.0ng/mL,B1-060NDMW-0194

NDMA

kr29120044 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0194

F1:SIR of 4 channels,EI+
74.0480
3.235e+006

propyl ester trace

kr29120044
80.0ng/mL,B1-060NDMW-0194

F1:SIR of 4 channels,EI+
74.0360
2.165e+005

D6-NDMA

kr29120044 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0194

F1:SIR of 4 channels,EI+
80.086
2.961e+005

D8-Naphthalene

kr29120044 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0194

F5:SIR of 6 channels,EI+
136.1128
2.010e+006

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061024\ndmaconcals_20061024.qld

Last Altered: Wednesday, October 25, 2006 07:16:43 AM
Printed: Wednesday, October 25, 2006 07:18:51 AM

Name: kr291200:4.*, Date: 24-Oct-2006, Time: 19:59:29, Job: , Description: 80.0ng/mL,B1-060NDMW-0194

lock mass1

kr29120044 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0194

lock mass5

kr29120044 Smooth(Mn,3x1)
80.0ng/mL,B1-060NDMW-0194

	Compound Name	Trace	Abs Resp	RT	ng/mL	%Rec	%Dev	Mod Date	RRF
1	NDMA	74.0480	222287	2.08	97600	121.99	21.99		1.461
2	propyl ester trace	74.0360	3932	1.86	21700	27.16	-72.84		0.049
11	D6-NDMA	80.086	18640	2.06	12100	123.94	23.94		0.260
13	D8-Naphthalene	136.1128	182989	7.39	25000	100.00	0.00		1.000

3B NDMA Data

i) HRMS – Modified Method 607/1625 Rev. B

c) QC Data

- Blank Ion Chromatograms with quantitation reports
- Blank Matrix Spike (LCS) Chromatograms with quantitation reports
- Matrix Spike Chromatograms with quantitation reports
- Other QC Data

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061012\spks_blks_20061012.qld

Last Altered: Wednesday, October 25, 2006 07:39:01 AM
Printed: Wednesday, October 25, 2006 07:40:15 AM

Method: \\Kr\c\MassLynx\Default.pro\Methdb\Nitros1.mdb 11 Oct 2006 10:25:03
Calibration: C:\MassLynx\DEFAULT.PRO\CurveDB\ndmacali_20061024.cdb 24 Oct 2006 14:08:04

Name: kr29120030.*, Date: 24-Oct-2006, Time: 15:58:54, Job: , Description: 1076543,SPIKE,N,1,2

NDMA

propyl ester trace

D6-NDMA

D8-Naphthalene

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061012\spks_blks_20061012.qld

Last Altered: Wednesday, October 25, 2006 07:39:01 AM
Printed: Wednesday, October 25, 2006 07:40:15 AM

Name: kr29120030.*, Date: 24-Oct-2006, Time: 15:58:54, Job: , Description: 1076543,SPIKE,N,1,2

lock mass1

kr29120030 Smooth(Mn,3x1)
1076543,SPIKE,N,1,2

lock mass5

kr29120030 Smooth(Mn,3x1)
1076543,SPIKE,N,1,2

#	Compound Name	Trace	Abs Resp	RT	ng/L	%Rec	RRF/Mean	Mod Date	Dil Sort
1	NDMA	74.0480	2090	2.08	6.49	129.87	1.20		1000
2	propyl ester trace	74.0360	1939	2.08	10.7	214.31	0.181		1000
11	D6-NDMA	80.086	2634	2.06	1760	17.96	0.210		1.00
13	D8-Naphthalene	136.1128	178445	7.38	25000	100.00	1.00		1.00

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061012\spks_blks_20061012.qld

Last Altered: Wednesday, October 25, 2006 07:39:01 AM
Printed: Wednesday, October 25, 2006 07:40:15 AM

Name: kr29120031.*, Date: 24-Oct-2006, Time: 16:16:06, Job: , Description: 1076543,SPIKE,D,1,2

NDMA

kr29120031 Smooth(Mn,3x1)
1076543,SPIKE,D,1,2

propyl ester trace

kr29120031
1076543,SPIKE,D,1,2

D6-NDMA

kr29120031 Smooth(Mn,3x1)
1076543,SPIKE,D,1,2

D8-Naphthalene

kr29120031 Smooth(Mn,3x1)
1076543,SPIKE,D,1,2

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061012\spks_blks_20061012.qld

Last Altered: Wednesday, October 25, 2006 07:39:01 AM
Printed: Wednesday, October 25, 2006 07:40:15 AM

Name: kr29120031.*, Date: 24-Oct-2006, Time: 16:16:06, Job: , Description: 1076543,SPIKE,D,1,2

lock mass1

kr29120031 Smooth(Mn,3x1)
1076543,SPIKE,D,1,2

lock mass5

kr29120031 Smooth(Mn,3x1)
1076543,SPIKE,D,1,2

#	Compound Name	Ss trace	Abs Resp	RT	ng/L	%Resp	RRF Mean	Mod Date	pwsord
1	NDMA	74.0480	2471	2.08	6.63	132.64	1.20	25-Oct-06	1000
2	propyl ester trace	74.0360	1282	1.89	7.08	141.68	0.181		1000
11	D6-NDMA	80.086	3050	2.06	1750	17.89	0.210	25-Oct-06	1.00
13	D8-Naphthalene	136.1128	207434	7.39	25000	100.00	1.00		1.00

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061012\spks_blks_20061012.qld

Last Altered: Wednesday, October 25, 2006 07:39:01 AM
Printed: Wednesday, October 25, 2006 07:40:15 AM

Name: kr29120032.*, Date: 24-Oct-2006, Time: 16:33:16, Job: , Description: 1076543,BLANK,N,1,2

NDMA

propyl ester trace

D6-NDMA

D8-Naphthalene

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061012\spks_blks_20061012.qld

Last Altered: Wednesday, October 25, 2006 07:39:01 AM
Printed: Wednesday, October 25, 2006 07:40:15 AM

Name: kr29120032.*, Date: 24-Oct-2006, Time: 16:33:16, Job: , Description: 1076543,BLANK,N,1,2

lock mass1

kr29120032 Smooth(Mn,3x1)
1076543,BLANK,N,1,2

F1:SIR of 4 channels,EI+
68.9952
6.419e+008

lock mass5

kr29120032 Smooth(Mn,3x1)
1076543,BLANK,N,1,2

F5:SIR of 6 channels,EI+
118.9920
1.047e+008

#	Compound Name	Extract	Abs Resp	RT	ng/L	%Rec	RRF Mean	Mod Date	Dilution
1	NDMA	74.0480	29	2.08	~~0.0945~~ ND		1.20	25-Oct-06	1000
2	propyl ester trace	74.0360	4222	1.88	23.3		0.181		1000
11	D6-NDMA	80.086	2470	2.06	1600	16.32	0.210		1.00
13	D8-Naphthalene	136.1128	184149	7.40	25000	100.00	1.00		1.00

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Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061012\spks_blks_20061012.qld

Last Altered: Wednesday, October 25, 2006 07:39:01 AM
Printed: Wednesday, October 25, 2006 07:40:15 AM

Name: kr29120033.*, Date: 24-Oct-2006, Time: 16:50:27, Job: , Description: 1076543,GLASS BLANK,N,1,2

NDMA

kr29120033 Smooth(Mn,3x1)
1076543,GLASS BLANK,N,1,2

F1:SIR of 4 channels,EI+
74.0480
3.608e+004

propyl ester trace

kr29120033
1076543,GLASS BLANK,N,1,2

F1:SIR of 4 channels,EI+
74.0360
4.561e+005

D6-NDMA

kr29120033 Smooth(Mn,3x1)
1076543,GLASS BLANK,N,1,2

F1:SIR of 4 channels,EI+
80.086
1.619e+005

D8-Naphthalene

kr29120033 Smooth(Mn,3x1)
1076543,GLASS BLANK,N,1,2

F5:SIR of 6 channels,EI+
136.1128
2.360e+006

Quantify Sample Report

Dataset: C:\MassLynx\Default.pro\QuanlynxFiles\QC\20061012\spks_blks_20061012.qld

Last Altered: Wednesday, October 25, 2006 07:39:01 AM
Printed: Wednesday, October 25, 2006 07:40:15 AM

Name: kr29120033.*, Date: 24-Oct-2006, Time: 16:50:27, Job: , Description: 1076543,GLASS BLANK,N,1,2

lock mass1
kr29120033 Smooth(Mn,3x1)
1076543,GLASS BLANK,N,1,2

lock mass5
kr29120033 Smooth(Mn,3x1)
1076543,GLASS BLANK,N,1,2

	Compound Name	RT/Trace	Abs Resp	RT	Conc/Amt	%Rec	RRF/Mean	Mod Date	Divisor
1	NDMA	74.0480	2	2.09	0.00218 ND		1.20	25-Oct-06	1000
2	propyl ester trace	74.0360	11973	1.89	66.2		0.181		1000
11	D6-NDMA	80.086	8392	2.09	4520	46.13	0.210		1.00
13	D8-Naphthalene	136.1128	221341	7.40	25000	100.00	1.00		1.00

12

3B NDMA Data

i) HRMS – Modified Method 607/1625 Rev. B

d) Prep Logs and Run Sequences

2006/10/24 cont

21	1072826, 073871-01R, N, 1, 2	✓	VC
22	073872-01R, N, 1, 2	✓	VC
23	073897-01R, N, 1, 2	✓	VC
24	073898-01R, N, 1, 2	✓	VC
25	073899-01R, N, 1, 2	✓	VC
26	073900-01R, N, 1, 2	✓	VC
27	dcm blank		VC
~~28~~	~~80.0 ng/mL BI-060NDMW-0195~~		VC
28	1072826, spike, D, 1, 2 Ring	✓	VC
29	80.0 ng/mL BI-060NDMW-0195	✓	VC
30	1076543, spike, N, 1, 2	✓	VC
31	VC 2006/10/25 ~~blank~~ spike, D, 1, 2	✓	VC
32	blank, N, 1, 2	✓	VC
33	glass blank, N, 1, 2	✓	VC
34	082380-01R, N, 1, 2	✓	VC
35	082381-01R, N, 1, 2	✓	VC
36	082382-01R, N, 1, 2	✓	VC
37	dcm		VC
38	80.0 ng/mL BI-060NDMW-0195	✓	VC
39	1075088, 066717-01R, N, 1, 2	✓	VC
40	1075090, 074946-01R, N, 1, 2	✓	VC
41	1075090, 078628-01R, N, 1, 2	✓	VC
42	078629-01R, N, 1, 2	✓	VC
43	dcm		VC
44	80.0 ng/mL BI-060NDMW-0195	✓	VC
45	no file		VC

VC 2006/10/25

Worksheet Number: 1072826

Nitrosamines in Water by HRMS - Water
(ng/L)

Parameter Name	Units	SPIKE	DL	SPIKEDup1	DL	BLANK	DL	A6A7399 O73869
N-Nitrosodimethylamine	ng/L	123.04	2	132.25	2	nd	2	nd
N-Nitrosoethylmethylamine	ng/L	N/A*******	2	N/A*******	2	N/A*******	2	N/A*******
N-Nitrosodiethylamine	ng/L	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitroso-di-n-propylamine	ng/L	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitrosomorpholine	ng/L	N/A*******	10	N/A*******	10	N/A*******	10	N/A*******
N-Nitrosopyrrolidine	ng/L	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitrosopiperidine	ng/L	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitroso-di-n-butylamine	ng/L	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
D6-N-Nitrosodimethylamine	ng/L	16.67		14.73		16.50		14.04
D14-N-Nitrosodi-n-propylamine	ng/L	N/A*******		N/A*******		N/A*******		N/A*******

Parameter Name	DL	A6A7399 O73870	DL	A6A7399 O73871	DL	A6A7399 O73872	DL	A6A7406 O73897
N-Nitrosodimethylamine	2	nd	2	nd	2	nd	2	nd
N-Nitrosoethylmethylamine	2	N/A*******	2	N/A*******	2	N/A*******	2	N/A*******
N-Nitrosodiethylamine	5	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitroso-di-n-propylamine	5	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitrosomorpholine	10	N/A*******	10	N/A*******	10	N/A*******	10	N/A*******
N-Nitrosopyrrolidine	5	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitrosopiperidine	5	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitroso-di-n-butylamine	5	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
D6-N-Nitrosodimethylamine		19.34		16.65		13.21		16.80
D14-N-Nitrosodi-n-propylamine		N/A*******		N/A*******		N/A*******		N/A*******

Parameter Name	DL	A6A7406 O73898	DL	A6A7406 O73899	DL	A6A7406 O73900	DL	A DL
N-Nitrosodimethylamine	2	nd	2	nd	2	nd	2	2
N-Nitrosoethylmethylamine	2	N/A*******	2	N/A*******	2	N/A*******	2	2
N-Nitrosodiethylamine	5	N/A*******	5	N/A*******	5	N/A*******	5	5
N-Nitroso-di-n-propylamine	5	N/A*******	5	N/A*******	5	N/A*******	5	5
N-Nitrosomorpholine	10	N/A*******	10	N/A*******	10	N/A*******	10	10
N-Nitrosopyrrolidine	5	N/A*******	5	N/A*******	5	N/A*******	5	5
N-Nitrosopiperidine	5	N/A*******	5	N/A*******	5	N/A*******	5	5
N-Nitroso-di-n-butylamine	5	N/A*******	5	N/A*******	5	N/A*******	5	5
D6-N-Nitrosodimethylamine		16.29		15.08		19.03		
D14-N-Nitrosodi-n-propylamine		N/A*******		N/A*******		N/A*******		

Parameter Name	MDL
N-Nitrosodimethylamine	0.54
N-Nitrosoethylmethylamine	0.9
N-Nitrosodiethylamine	1.62
N-Nitroso-di-n-propylamine	0.38
N-Nitrosomorpholine	0.7
N-Nitrosopyrrolidine	0.4
N-Nitrosopiperidine	0.5
N-Nitroso-di-n-butylamine	1.4
D6-N-Nitrosodimethylamine	
D14-N-Nitrosodi-n-propylamine	

port Name: Work Sheet - (Liquids and Solids) #: 1076543

Assignment Date: Thursday ; October 12, 2006
Assigned to: WENDY ZHAO
Test Code: NDMAUS-W Instrument Id:
Test Description: To determine Nitrosamines in water and rinses by HRMS for our clients in the USA. Modified EPA Method 607 / 1625 Rev B

Job Number	Sample Number	D	Sample ID	F	ST-TP % Moist	Wt or Vol	(ml) Final Vol	DF or AF	# Cont	Expiry Date	Test Deadline	Rotovap Criteria
	SPIKE	0	HR-L#1076543		6		1000					1
	SPIKE	1	HR-L#1076543		21		1000					1
	BLANK		#1076543 b		1		1000					3
A6A9290	O82380-01R		LEB-100506-B		10		960		2	2006/10/12	2006/10/31 17:00	1
A6A9290	O82381-01R		TT-MW2-11		20		950		2	2006/10/12	2006/10/31 17:00	3
A6A9290	O82382-01R		TT-MW2-12		510		280		2	2006/10/12	2006/10/31 17:00	1
	Glass Blk		#1076543 GB									3

Remarks: Witness:

Samples extracted by: WENDY ZHAO Date: 2006/10/12
Instrumentation performed by: Date: 2006/10/25
Calculations performed by: Date: 2006/10/24
Validated by: Date:

#: 1076543

Job No.	Rep	Client Name	Contact	Fax	Remarks
GA6A9290	MAJ	EMAX LABORATORIES INC	Ye Myint	(310) 618-0818	NDMA; A6A9290 TEMP 4.5 TETRATECH EDD Project #: 06J067

Surrogates/Spikes	Method Spike	Spikes	Samples
surrogate 100mL B1-058 NDML-238			
spike 100mL B1-048 NDMN-107			
~~25 5mL B1-046NAPK-51~~			
NDMA Free Hrs: 06.09.11			
~~Dan lot #: 59288~~			
Nansok lot#: 060941			

Sample	Preparation Remarks
	Sample 082362 ~~bag~~ has 75% sludge so I took
	2 50ml sample to Textract.
	All sample fortified on 06.10.10.
	All sample Textract on 06.10.10, Rotovap. blown down
	and transfer on 06.10.10.
	Sample 082382 contain Emulsion on 3x shake, centrifudge
	out

Sample	Instrumentation Remarks

Worksheet Number: 1076543

Nitrosamines in Water by HRMS - Water
(ng/L)

Parameter Name	Units	SPIKE	DL	SPIKEDup1	DL	BLANK	DL	A6A9290 O82380
N-Nitrosodimethylamine	ng/L	129.87	2	132.64	2	nd	2	nd
N-Nitrosoethylmethylamine	ng/L	N/A*******	2	N/A*******	2	N/A*******	2	N/A*******
N-Nitrosodiethylamine	ng/L	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitroso-di-n-propylamine	ng/L	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitrosomorpholine	ng/L	N/A*******	10	N/A*******	10	N/A*******	10	N/A*******
N-Nitrosopyrrolidine	ng/L	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitrosopiperidine	ng/L	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
N-Nitroso-di-n-butylamine	ng/L	N/A*******	5	N/A*******	5	N/A*******	5	N/A*******
D6-N-Nitrosodimethylamine	ng/L	17.96		17.89		16.32		14.77
D14-N-Nitrosodi-n-propylamine	ng/L	N/A*******		N/A*******		N/A*******		N/A*******

Parameter Name	DL	A6A9290 O82381	DL	A6A9290 O82382	DL	A-DL	MDL
N-Nitrosodimethylamine	2	8.89	2	7.59	2	2	0.54
N-Nitrosoethylmethylamine	2	N/A*******	2	N/A*******	2	2	0.9
N-Nitrosodiethylamine	5	N/A*******	5	N/A*******	5	5	1.62
N-Nitroso-di-n-propylamine	5	N/A*******	5	N/A*******	5	5	0.38
N-Nitrosomorpholine	10	N/A*******	10	N/A*******	10	10	0.7
N-Nitrosopyrrolidine	5	N/A*******	5	N/A*******	5	5	0.4
N-Nitrosopiperidine	5	N/A*******	5	N/A*******	5	5	0.5
N-Nitroso-di-n-butylamine	5	N/A*******	5	N/A*******	5	5	1.4
D6-N-Nitrosodimethylamine		13.07		34.01			
D14-N-Nitrosodi-n-propylamine		N/A*******		N/A*******			

4. SHIPPING AND RECEIVING DOCUMENTS

Airbills
Chain-of-Custody Records
Sample Log-In Sheets
Miscellaneous Shipping/Receiving Records

CHAIN OF CUSTODY

EMAX LABORATORIES, INC.
1835 W. 205th Street, Torrance, CA 90501
Tel #: 310-618-8889 Fax #: 310-618-0818
Email: info@emaxlabs.com

PO NUMBER:
SAMPLE STORAGE

EMAX CONTROL NO. * 06J067
PROJECT CODE:

CLIENT: Tetra Tech Inc.
PROJECT: LMC Beaumont Site 2
COORDINATOR:
TEL: 310-618-8889 x121 FAX: EMAIL: ymyint@emaxlabs.com
SEND REPORT TO: Ye Myint
COMPANY: EMAX
ADDRESS: 1835W 205th St. Torrance, CA 90501
EMAX PM:

MATRIX CODE	PRESERVATIVE CODE
DW=Drinking Water	IC = Ice
GW=Ground Water	HC = HCl
WW=Waste Water	HN=HNO3
SD=Solid Waste SL=Sludge	SH=NaOH
SS=Soil/ Sediment	ST=Na2S2O3
WP=Wipes PP=Pure Products	ZA=Zinc Acetate
AR=Air	HS=H_2SO_4
O=	

ANALYSIS REQUIRED: NDMA by 1625 — PM 10/9/06

TAT:
- ☐ Rush ____ hrs.
- ☐ Rush ____ days
- ☐ 7 days
- ☐ 14 days
- ☐ 21 days
- ☐ 30 days
- ☐ ____ days
- ☒ Standard.

LAB	SAMPLE ID CLIENT	SAMPLING LOCATION	DATE	TIME	CONTAINER NO.	SIZE	TYPE	MATRIX CODE	QC	PRESERVATIVE CODE	COMMENTS
1	LEB-100506-B		10/5/06	0915	1	1L	Amber	W		p	J067-02
2	TT-MW2-11		↓	0940	1	1L	↓	↓		p	J067-03
3	TT-MW2-12		↓	1220	1	1L	↓	↓		p	J067-05
4											
5											
6											
7											
8											
9											
0											

PM 10/9/06

Instructions

Cooler #	Temp. (°C)	Sample #s

SAMPLER

COURIER/AIRBILL

RELINQUISHED BY	Date	Time	RECEIVED BY			
	10/10/06	1600		06/10/11	4.7	Send to: Maxxam Analytics
				1200		

NOTICE: Turn-around-time (TAT) for samples shall not begin until all discrepancies have been resolved. For samples received and discrepancies resolved after 1500 hrs, TAT shall start at 0800 hrs the next business day. The client is responsible for all cost associted with sample disposal. Samples shall be disposed of as soon as practical (but not prior to fifteen (15) calendar days) after issuance of analytical report unless a different sample disposal schedule is pre-arranged with EMAX. Disposal fee for samples defined by CA Title 22 as non-hazardous shall be $5.00 per sample. EMAX will return hazardous samples to the client at the client's expense unless directed in writing otherwise.

5. OTHER RECORDS

APPENDIX F – COPC TIME–SERIES GRAPHS

Note: Groundwater sampling results below the laboratory detection limit are set to zero for graphing purposes.

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APPENDIX G – GROUNDWATER QUALITY STATISTICAL TEMPORAL TREND ANALYSIS DATA

Project: LMC Beaumont Site 2
Location: Beaumont

User Name: Bob Johns
State: California

Time Period: 9/27/2004 **to** 6/23/2006
Consolidation No Time Consolidation
Consolidation Type: Median
Duplicate Average
ND Values: 1/2 Detection Limit
J Flag Values Actual Value

Well	Source/ Tail	Average Conc (mg/L)	Median Conc (mg/L)	Standard Deviation	All Samples "ND" ?	Ln	Coefficient of Variation	Confidence in Trend	Concentration Trend
PERCHLORATE									
TT-MW2-3	S	4.1E+01	5.3E+01	3.0E+01	No	7.0E-03	0.73	98.1%	I
TT-MW2-5	S	8.8E-01	8.9E-01	3.9E-02	No	0.0E+00	0.00	0.0%	N/A
TT-MW2-1	S	4.0E+00	3.5E+00	1.5E+00	No	-5.3E-05	0.38	52.9%	S
TT-MW2-4D	T	2.7E-04	3.0E-04	3.8E-05	Yes	1.5E-04	0.14	68.5%	NT
TT-MW2-2	T	2.7E-04	3.0E-04	3.8E-05	Yes	1.5E-04	0.14	68.5%	NT
TT-MW2-4S	T	5.2E-04	3.0E-04	7.0E-04	No	3.1E-04	1.33	57.3%	NT
TT-MW2-6D	T	3.0E-04	3.0E-04	0.0E+00	Yes	0.0E+00	0.00	0.0%	N/A
TT-MW2-6S	T	2.5E-01	2.7E-01	4.9E-02	No	0.0E+00	0.00	0.0%	N/A
TRICHLOROETHYLENE (TCE)									
TT-MW2-5	S	1.5E-04	1.5E-04	0.0E+00	Yes	0.0E+00	0.00	0.0%	N/A
TT-MW2-3	S	4.7E-03	5.6E-03	2.6E-03	No	2.3E-03	0.54	95.6%	I
TT-MW2-1	S	1.5E-04	1.5E-04	0.0E+00	Yes	0.0E+00	0.00	100.0%	S
TT-MW2-4D	T	1.5E-04	1.5E-04	0.0E+00	Yes	0.0E+00	0.00	100.0%	S
TT-MW2-6S	T	1.5E-04	1.5E-04	0.0E+00	Yes	0.0E+00	0.00	0.0%	N/A
TT-MW2-4S	T	1.5E-04	1.5E-04	0.0E+00	Yes	0.0E+00	0.00	100.0%	S
TT-MW2-6D	T	1.5E-04	1.5E-04	0.0E+00	Yes	0.0E+00	0.00	0.0%	N/A
TT-MW2-2	T	1.5E-04	1.5E-04	0.0E+00	Yes	0.0E+00	0.00	100.0%	S

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); COV = Coefficient of Variation

Project: LMC Beaumont Site 2
Location: Beaumont

User Name: Bob Johns
State: California

Time Period: 9/27/2004 to 6/23/2006
Consolidation No Time Consolidation
Consolidation Type: Median
Duplicate Average
ND Values: 1/2 Detection Limit
J Flag Values Actual Value

Constituent	Well	Source/ Tail	Number of Samples	Number of Detects	Average (mg/L)	Median (mg/L)	All Samples "ND" ?	Mann-Kendall	Linear Regression	Modeling	Empirical
PERCHLORATE											
	TT-MW2-3	S	7	7	4.1E+01	5.3E+01	No	NT	I	N/A	N/A
	TT-MW2-1	S	7	7	4.0E+00	3.5E+00	No	NT	S	N/A	N/A
	TT-MW2-5	S	3	3	8.8E-01	8.9E-01	No	N/A	N/A	N/A	N/A
	TT-MW2-4S	T	7	1	5.2E-04	3.0E-04	No	NT	NT	N/A	N/A
	TT-MW2-2	T	7	0	2.7E-04	3.0E-04	Yes	NT	NT	N/A	N/A
	TT-MW2-4D	T	7	0	2.7E-04	3.0E-04	Yes	NT	NT	N/A	N/A
	TT-MW2-6D	T	2	0	3.0E-04	3.0E-04	Yes	N/A	N/A	N/A	N/A
	TT-MW2-6S	T	3	3	2.5E-01	2.7E-01	No	N/A	N/A	N/A	N/A
TRICHLOROETHYLENE (TCE)											
	TT-MW2-5	S	3	0	1.5E-04	1.5E-04	Yes	N/A	N/A	N/A	N/A
	TT-MW2-3	S	7	7	4.7E-03	5.6E-03	No	NT	I	N/A	N/A
	TT-MW2-1	S	7	0	1.5E-04	1.5E-04	Yes	S	S	N/A	N/A
	TT-MW2-4S	T	7	0	1.5E-04	1.5E-04	Yes	S	S	N/A	N/A
	TT-MW2-6S	T	3	0	1.5E-04	1.5E-04	Yes	N/A	N/A	N/A	N/A
	TT-MW2-6D	T	3	0	1.5E-04	1.5E-04	Yes	N/A	N/A	N/A	N/A
	TT-MW2-2	T	7	0	1.5E-04	1.5E-04	Yes	S	S	N/A	N/A
	TT-MW2-4D	T	7	0	1.5E-04	1.5E-04	Yes	S	S	N/A	N/A

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); Source/Tail (S/T)

The Number of Samples and Number of Detects shown above are post-consolidation values.

MAROS Consolidated Data Summary

Well: TT-MW2-1
Well Type: S
COC: PERCHLORATE

Time Period: 9/27/2004 to 6/23/2006
Consolidation Period: No Time Consolidation
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
TT-MW2-1	S	9/27/2004	PERCHLORATE	3.5E+00		1	1
TT-MW2-1	S	2/16/2005	PERCHLORATE	7.1E+00		1	1
TT-MW2-1	S	7/7/2005	PERCHLORATE	2.4E+00		1	1
TT-MW2-1	S	9/30/2005	PERCHLORATE	3.0E+00		1	1
TT-MW2-1	S	12/12/2005	PERCHLORATE	3.5E+00		1	1
TT-MW2-1	S	3/16/2006	PERCHLORATE	4.2E+00		1	1
TT-MW2-1	S	6/23/2006	PERCHLORATE	4.5E+00		1	1

MAROS Consolidated Data Summary

Well: TT-MW2-1
Well Type: S
COC: TRICHLOROETHYLENE (TCE)

Time Period: 9/27/2004 **to** 6/23/2006
Consolidation Period: No Time Consolidation
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
TT-MW2-1	S	9/27/2004	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0
TT-MW2-1	S	2/16/2005	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0
TT-MW2-1	S	7/7/2005	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0
TT-MW2-1	S	9/30/2005	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0
TT-MW2-1	S	12/12/2005	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0
TT-MW2-1	S	3/16/2006	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0
TT-MW2-1	S	6/23/2006	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0

MAROS Consolidated Data Summary

Well: TT-MW2-3
Well Type: S
COC: PERCHLORATE

Time Period: 9/27/2004 to 6/23/2006
Consolidation Period: No Time Consolidation
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
TT-MW2-3	S	9/27/2004	PERCHLORATE	1.3E+00		1	1
TT-MW2-3	S	2/16/2005	PERCHLORATE	7.4E-01		1	1
TT-MW2-3	S	7/7/2005	PERCHLORATE	5.3E+01		1	1
TT-MW2-3	S	9/30/2005	PERCHLORATE	6.8E+01		1	1
TT-MW2-3	S	12/12/2005	PERCHLORATE	6.5E+01		1	1
TT-MW2-3	S	3/16/2006	PERCHLORATE	6.8E+01		1	1
TT-MW2-3	S	6/23/2006	PERCHLORATE	3.3E+01		1	1

MAROS Consolidated Data Summary

Well: TT-MW2-3
Well Type: S
COC: TRICHLOROETHYLENE (TCE)

Time Period: 9/27/2004 **to** 6/23/2006
Consolidation Period: No Time Consolidation
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
TT-MW2-3	S	9/27/2004	TRICHLOROETHYLENE (TCE)	1.6E-03		1	1
TT-MW2-3	S	2/16/2005	TRICHLOROETHYLENE (TCE)	1.2E-03		1	1
TT-MW2-3	S	7/7/2005	TRICHLOROETHYLENE (TCE)	7.0E-03		1	1
TT-MW2-3	S	9/30/2005	TRICHLOROETHYLENE (TCE)	5.6E-03		1	1
TT-MW2-3	S	12/12/2005	TRICHLOROETHYLENE (TCE)	8.0E-03		1	1
TT-MW2-3	S	3/16/2006	TRICHLOROETHYLENE (TCE)	5.6E-03		1	1
TT-MW2-3	S	6/23/2006	TRICHLOROETHYLENE (TCE)	4.2E-03		1	1

MAROS Consolidated Data Summary

Well: TT-MW2-5
Well Type: T
COC: PERCHLORATE

Time Period: 9/27/2004 to 6/23/2006
Consolidation Period: No Time Consolidation
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
TT-MW2-5	T	12/12/2005	PERCHLORATE	8.1E-01		1	1
TT-MW2-5	T	12/29/2005	PERCHLORATE	9.1E-01		1	1
TT-MW2-5	T	3/16/2006	PERCHLORATE	9.1E-01		1	1
TT-MW2-5	T	6/23/2006	PERCHLORATE	8.9E-01		1	1

MAROS Consolidated Data Summary

Well: TT-MW2-5
Well Type: T
COC: TRICHLOROETHYLENE (TCE)

Time Period: 9/27/2004 **to** 6/23/2006
Consolidation Period: No Time Consolidation
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
TT-MW2-5	T	12/12/2005	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0
TT-MW2-5	T	3/16/2006	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0
TT-MW2-5	T	6/23/2006	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0

MAROS Consolidated Data Summary

Well: TT-MW2-6S
Well Type: T
COC: PERCHLORATE

Time Period: 9/27/2004 **to** 6/23/2006
Consolidation Period: No Time Consolidation
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
TT-MW2-6S	T	12/12/2005	PERCHLORATE	1.6E-01		1	1
TT-MW2-6S	T	12/29/2005	PERCHLORATE	2.5E-01		1	1
TT-MW2-6S	T	3/16/2006	PERCHLORATE	2.8E-01		1	1
TT-MW2-6S	T	6/23/2006	PERCHLORATE	2.7E-01		1	1

MAROS Consolidated Data Summary

Well: TT-MW2-6S
Well Type: T
COC: TRICHLOROETHYLENE (TCE)

Time Period: 9/27/2004 to 6/23/2006
Consolidation Period: No Time Consolidation
Consolidation Type: Median
Duplicate Consolidation: Average
ND Values: 1/2 Detection Limit
J Flag Values : Actual Value

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
TT-MW2-6S	T	12/12/2005	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0
TT-MW2-6S	T	3/16/2006	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0
TT-MW2-6S	T	6/23/2006	TRICHLOROETHYLENE (TCE)	1.5E-04	ND	1	0