Semiannual Groundwater Monitoring Report
Fourth Quarter 2006 and First Quarter 2007
Lockheed Martin Corporation, Beaumont Site 2
Beaumont, California

Prepared for:

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January 14, 2008

Mr. Emad Yemut
Southern California Cleanup Operations
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, CA 90630

Subject: **Submittal of *Semiannual Groundwater Monitoring Report, Fourth Quarter 2006 and First Quarter 2007, Lockheed Martin Corporation, Beaumont Site 2, Beaumont, California***

Please find enclosed one (1) copy of the *Semiannual Groundwater Monitoring Report, Fourth Quarter 2006 and First Quarter 2007, Lockheed Martin Corporation, Beaumont Site 2, Beaumont, California*. This report documents groundwater monitoring activities performed for the Fourth Quarter 2006 (December 2006) and First Quarter of 2007 (March 2007) at Beaumont Site 2. Also enclosed is an electronic copy of the document. The document was scheduled to be delivered at the end of September 2007 but was delayed due to the acceleration of other higher priority tasks at both Site 1 and 2 as discussed with DTSC. The subsequent semiannual reports will be delivered as originally scheduled at the end of March and September of each year.

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

Gene Matsushita
Senior Manager, Environmental Remediation

Enclosures

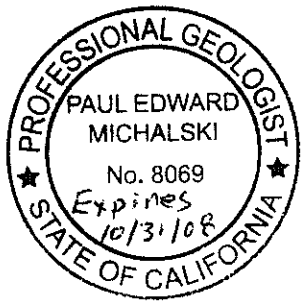
C: Daniel Zogaib, DTSC – 2 copies

Semiannual Groundwater Monitoring Report
Fourth Quarter 2006 and First Quarter 2007
Lockheed Martin Corporation, Beaumont Site 2
Beaumont, California

December 2007
TC 18089-03
TC 19524-03

Prepared for
Lockheed Martin Corporation
Burbank, California

Prepared by
Tetra Tech, Inc.



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Program Manager

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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 Fourth Quarter 2006 and First Quarter 2007 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).

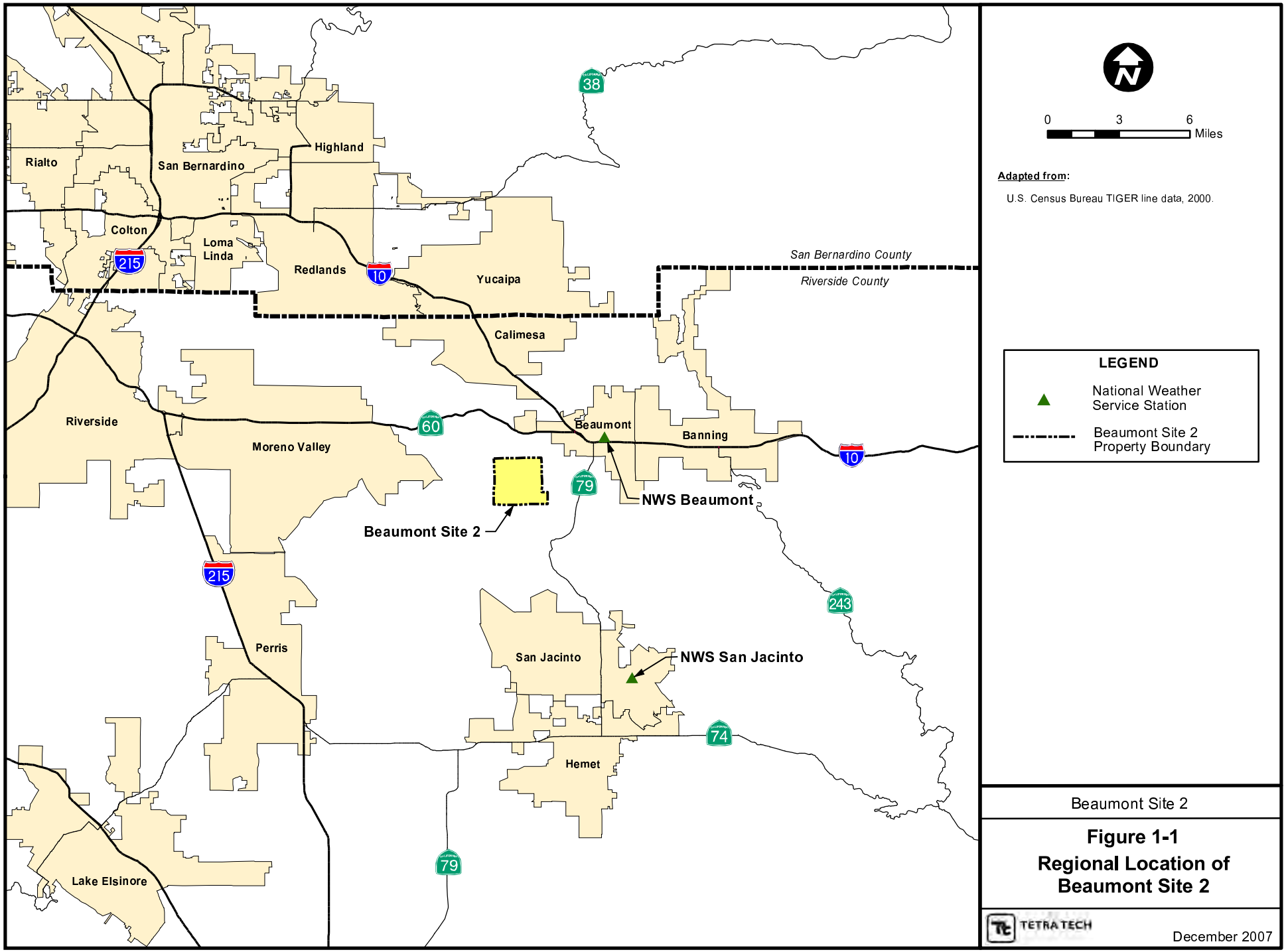
The objectives of this Report are to:

- Briefly summarize the Site history;
- 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; and
- Re-evaluate the current Site GMP.

This report also contains the following: data validation criteria and results; tabulated groundwater elevation and water quality data; water level hydrographs; groundwater elevation maps; 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).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38
Highland
Rialto
San Bernardino
Colton
Loma Linda
215
Redlands
10
Yucaipa
San Bernardino County
Riverside County
Calimesa
Riverside
60
Moreno Valley
Beaumont
Banning
10
79
NWS Beaumont
Beaumont Site 2
215
243
Perris
San Jacinto
NWS San Jacinto
74
Hemet
79
Lake Elsinore
0
3
6
Miles
Adapted from:
U.S. Census Bureau TIGER line data, 2000.
LEGEND
National Weather Service Station
Beaumont Site 2 Property Boundary
Beaumont Site 2
Figure 1-1
Regional Location of Beaumont Site 2
TETRA TECH
December 2007

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. The sample was analyzed for volatile organic compounds (VOCs), perchlorate, and 1,4-dioxane to determine the potential presence and concentration of those chemicals in groundwater. The analytical results indicated that VOCs and 1,4-dioxane were not present at or above their respective method detection limits (MDLs). 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 (Figure 1-2). Each operational area was responsible for various activities associated with rocket motor assembly, testing, and propellant incineration. A brief description of each operational area follows:

Historical Operational Area J (Area J) –Final Assembly

Rocket motor casings with solid propellant were transported to Building 250 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 the Site, and sold (Radian, 1986a).

Historical Operational Area K (Area K) – Test Bays and Miscellaneous Facilities

Area K was also known as the Test Bay Area, where the primary features included a large earthen structure known as the "Prism", a conditioning chamber and its associated bunker, a centrifuge, and four (4) test bays. The Prism was reportedly built between 1984 and 1990 and was used to test radar by General Dynamics (Tetra Tech, 2007c). Details concerning construction of the Prism are not available, but it appears to have been constructed from soils near the test bays.

The conditioning chamber was used to examine the effects of extreme temperatures on rocket motors and to meet specification requirements (Radian, 1986a). A centrifuge was located in the northwestern portion

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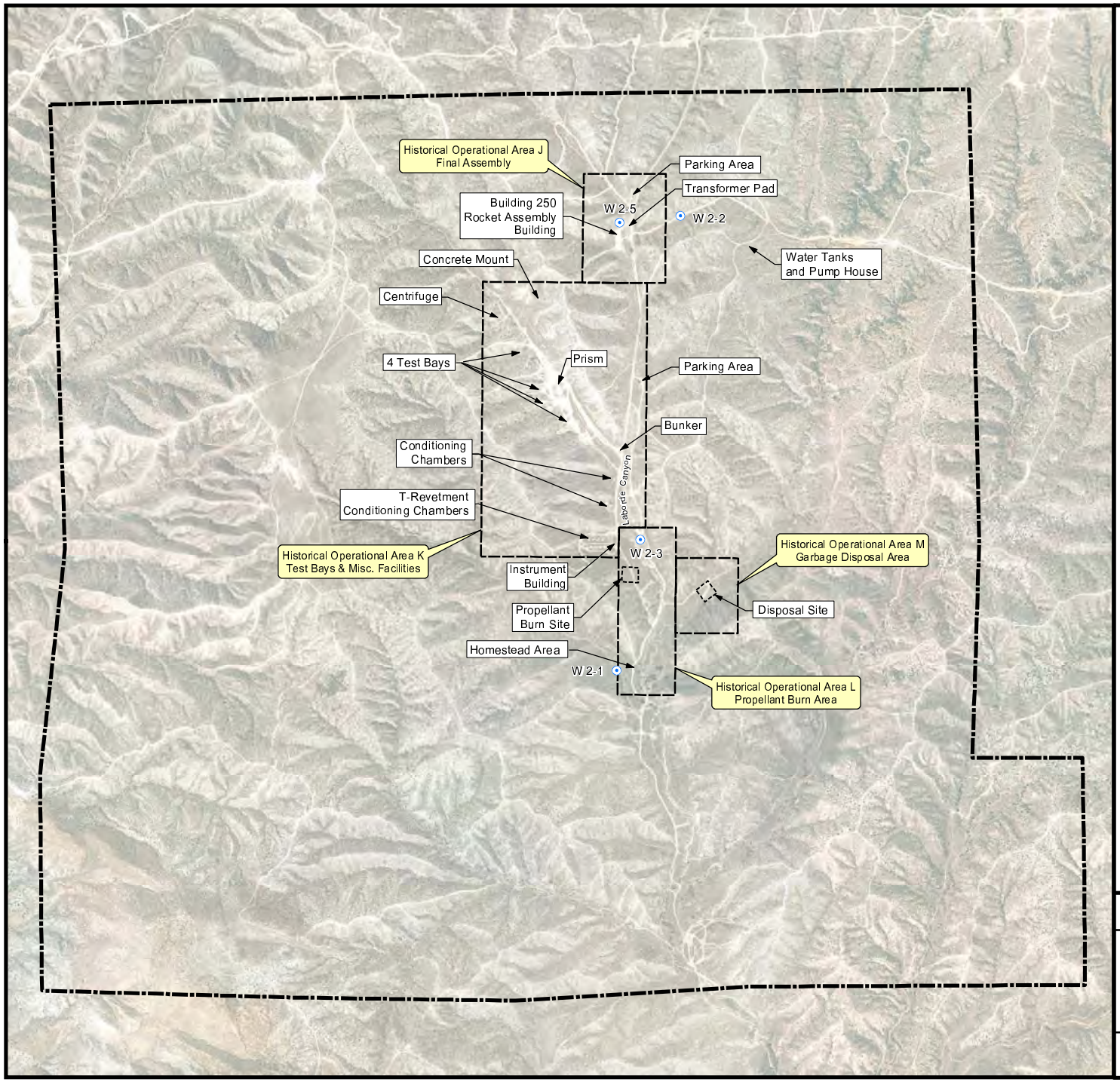

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Adapted from: April 2007 aerial photograph.

LEGEND

- Inactive Production Well Location
- Beaumont Site 2 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

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of Area K, where rocket motors were tested in order to determine if the solid propellant would separate from its casing under increased gravitational forces.

Previously, only three (3) test bays were known; however, a recent interview with a former employee reported a fourth test bay (located north of the other three (3) test bays) was also previously used in Area K. The initial testing activities had a history of explosions that destroyed complete test areas, especially during the period when GCR operated at the Site (Radian, 1986a). Consequently, while vestiges from three (3) test bays are currently visible at the Site, the fourth test bay was likely destroyed during one (1) of the explosions.

Historical Operational Area L (Area L) – Burn Area

Solid propellant reportedly was transported to the burn area 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). A waste discharge permit was recently discovered indicating that up to 5,000 gallons per year of waste water from rocket testing operations could be discharged into small surface depressions located in a small side canyon just south of Area L.

Historical Operational Area M (Area M) – Garbage Disposal Site

A garbage disposal site was located adjacent to a small drainage. 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 (u-DMH) 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

Environmental activities have been conducted at the Site since 1986. 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. These investigations are briefly summarized in the following subsections.

1.2.1 Preliminary Remedial Investigation

In October 1986, Radian Corporation (Radian) conducted a preliminary 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 (Radian, 1986b). However, only well W2-3, located up gradient of the probable surface propellant burn area (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. The only other VOCs detected in the sample were methylene chloride and trichlorofluoromethane, however these were reported as blank contaminants.

1.2.2 Hydrogeologic Investigation

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

During this investigation, four (4) groundwater monitoring wells (designated MW2-2, MW2-4, MW2-5, and MW2-6 and shown on Figure 1-3) were installed at the Site. MW2-2 was located approximately 400 feet southeast of the former propellant burn area (Area L) and down gradient of the disposal area (Area M). Well MW2-4 was the furthest down gradient well and was located approximately 800 feet south of the former propellant burn area. Wells MW2-5 and MW2-6 were located approximately 2,600 feet and 800 feet, respectively, south of the Final Assembly Building area (Area J).

Groundwater monitoring wells MW2-2, MW2-4, MW2-5, and MW2-6, along with three (3) of the existing production wells (designated W2-3, W2-4, and W2-5), were sampled during this investigation and analyzed for VOCs, metals, and perchlorate. Laboratory results reported no VOCs 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 well W2-3 located down gradient of the test bays, at a concentration of 3,300 µg/L.

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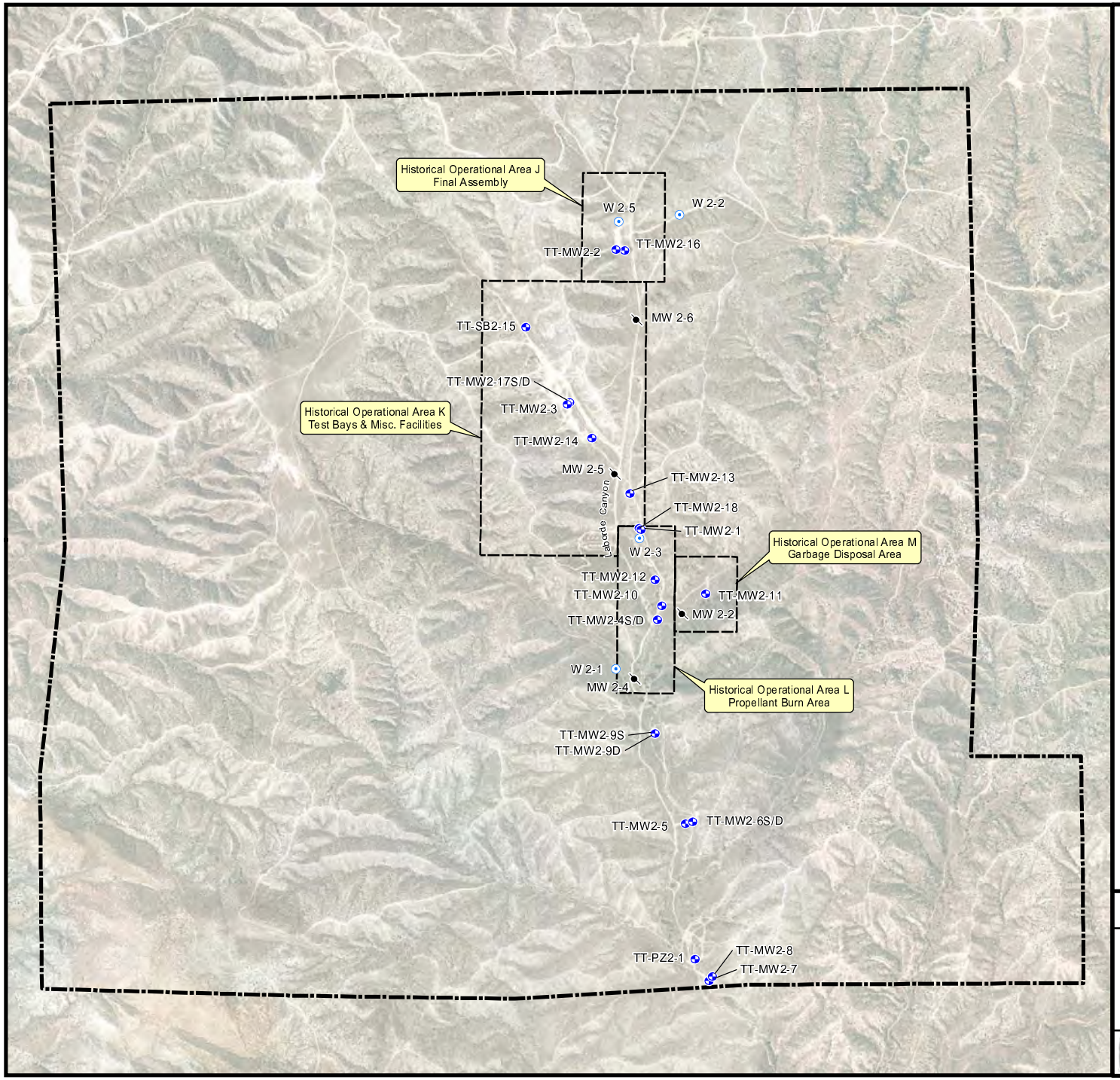

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Adapted from: April 2007 aerial photograph.

LEGEND

- Groundwater Monitoring Well Location
- Inactive Production Well Location
- Destroyed Monitoring Well Location
- Beaumont Site 2 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 former garbage disposal area (Area M). Subsurface anomalies were detected in the center portion of Area M in an area approximately 250 feet 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, semi-volatile organic compounds (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. 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 the DTSC, groundwater monitoring wells MW2-2, MW2-4, MW2-5, and MW2-6 were abandoned (LMC, 1995). Prior to abandonment 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 MDLs.

Well abandonment 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 abandoned 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 MDLs. Perchlorate was reported at a concentration of 4,080 µg/L in the groundwater sample.

1.2.7 2004 Monitoring Well Installation Program

In August and September 2004, Tetra Tech installed and sampled five (5) groundwater monitoring wells (designated TT-MW2-1, TT-MW2-2, TT-MW2-3, TT-MW2-4S [for shallow screened] and TT-MW2-4D [for deep screened] and shown on Figure 1-3) at the Site (Tetra Tech, 2004b). Based on subsequent geophysical and intrusive investigations, one (1) monitoring well (TT-MW2-1) is screened in the wSTF, and the remaining four (4) wells are screened in the STF. The objective of the groundwater well installation activities was to provide data for an initial evaluation of groundwater conditions (water quality and groundwater flow direction) at the Site.

The five (5) groundwater monitoring wells were sampled in September 2004 and analyzed for VOCs, SVOCs [including 1,4-dioxane and N-nitrosodimethylamine (NDMA), commonly associated with the gas u – DMH], Title 22 Metals, and perchlorate. Based on analytical results, the following constituents were reported above their respective Maximum Contaminant Levels (MCLs) or DWNLs in groundwater samples collected: perchlorate was detected in the alluvial wells located in Area K (TT-MW2-3) and Area L (TT-MW2-1); arsenic was detected in the nested wells (TT-MW2-4S) and (TT-MW2-4D); and bis-(2-ethylhexyl) phthalate and TCE were detected in TT-MW2-3. Additionally, groundwater levels collected from the wells indicated that groundwater flow was approximately south-southwest.

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) was 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. The objective of the seismic imaging was to identify areas where groundwater is likely to accumulate (for example, thicker alluvium/weathered bedrock layers) and evaluate possible flow pathways.

Between April and September 2005, geophysical pilot testing was performed at the Site to assess optimum groundwater monitoring well placement. Based on the successful results of the geophysical pilot test, depths to boundaries between different velocity zones were estimated, stratigraphic correlations were assigned, and a full-scale geophysical survey was subsequently performed. The full-scale geophysical survey consisted of one (1) vertical seismic profile and 10 horizontal seismic surveys. 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). The data were used to select monitoring well locations (Tetra Tech, 2006a).

1.3.2 Groundwater Investigations

In November 2005, Tetra Tech prepared a letter work plan describing proposed activities to install groundwater monitoring wells approximately 0.5 miles south of the TT-MW2-4S/D well nest. The work plan was subsequently approved in a letter from the DTSC dated November 16, 2005.

In November and December 2005, Tetra Tech installed three (3) groundwater monitoring wells (TT-MW2-5, TT-MW2-6S and TT-MW2-6D) south of the TT-MW2-4S/D well nest. The newly installed monitoring wells were sampled as part of the Fourth Quarter 2005 groundwater monitoring activities. A report and supplemental work plan documenting the field activities, results of the groundwater sampling and proposed additional well installations was provided in the *Installation and Sampling of Down*

gradient Groundwater Monitoring Wells (TT-MW2-5 and TT-MW2-6S/D) Letter Report and Revised Supplemental Down gradient Well Installation Letter Work Plan (Tetra Tech, 2006b).

In addition to further delineate down gradient water quality, a work plan describing proposed activities to install groundwater monitoring wells at 10 locations across Areas J, K, L and M (titled *Groundwater Monitoring Well Installation Work Plan*) was submitted to the DTSC on April 18, 2006. The work plan was approved by the DTSC in a letter dated May 16, 2006.

Installation of the proposed down gradient groundwater monitoring wells and piezometer and groundwater monitoring wells at the 10 other locations across Areas J, K, L and M occurred between August and November 2006. This Report presents the results of the first two (2) rounds of quarterly groundwater sampling of the newly installed wells.

1.3.3 Groundwater User Survey

A groundwater user survey was conducted for the properties located south (topographically down-gradient) of the Site. Based on data obtained from United States Geological Survey topographic maps, the Western Municipal Water District database, and the California Department of Water Resources records, various private and municipal wells were identified that had been used for domestic, irrigation, or agricultural purposes. Many wells were not identified during subsequent field visits. However, some wells (and springs that were also reportedly used for domestic uses) were identified on off-Site properties.

Between January and February 2007, in coordination with the DTSC, water quality samples were collected from four (4) off-Site properties for perchlorate testing using EPA Method 314. In addition, one (1) well was tested for VOCs using EPA Method 8260B. No samples reported perchlorate or VOCs above their respective MDLs. Sampling locations are shown on Figure 1-4.

1.4 GROUNDWATER MONITORING PROGRAM

Quarterly water level measurements and water quality monitoring have taken place at the Site since First Quarter 2005. The current GMP includes quarterly groundwater level measurements from all 21 groundwater monitoring wells and one (1) piezometer at the Site, and quarterly water quality monitoring from 16 of the wells, semi-annual water quality monitoring from three (3) of the wells, and annual water quality monitoring from one (1) well. One (1) is classified as redundant and not sampled. Water level measurements and sampling are performed in general 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, Title 22 metals, and perchlorate. Selected testing for general minerals was also performed during the Second and Third

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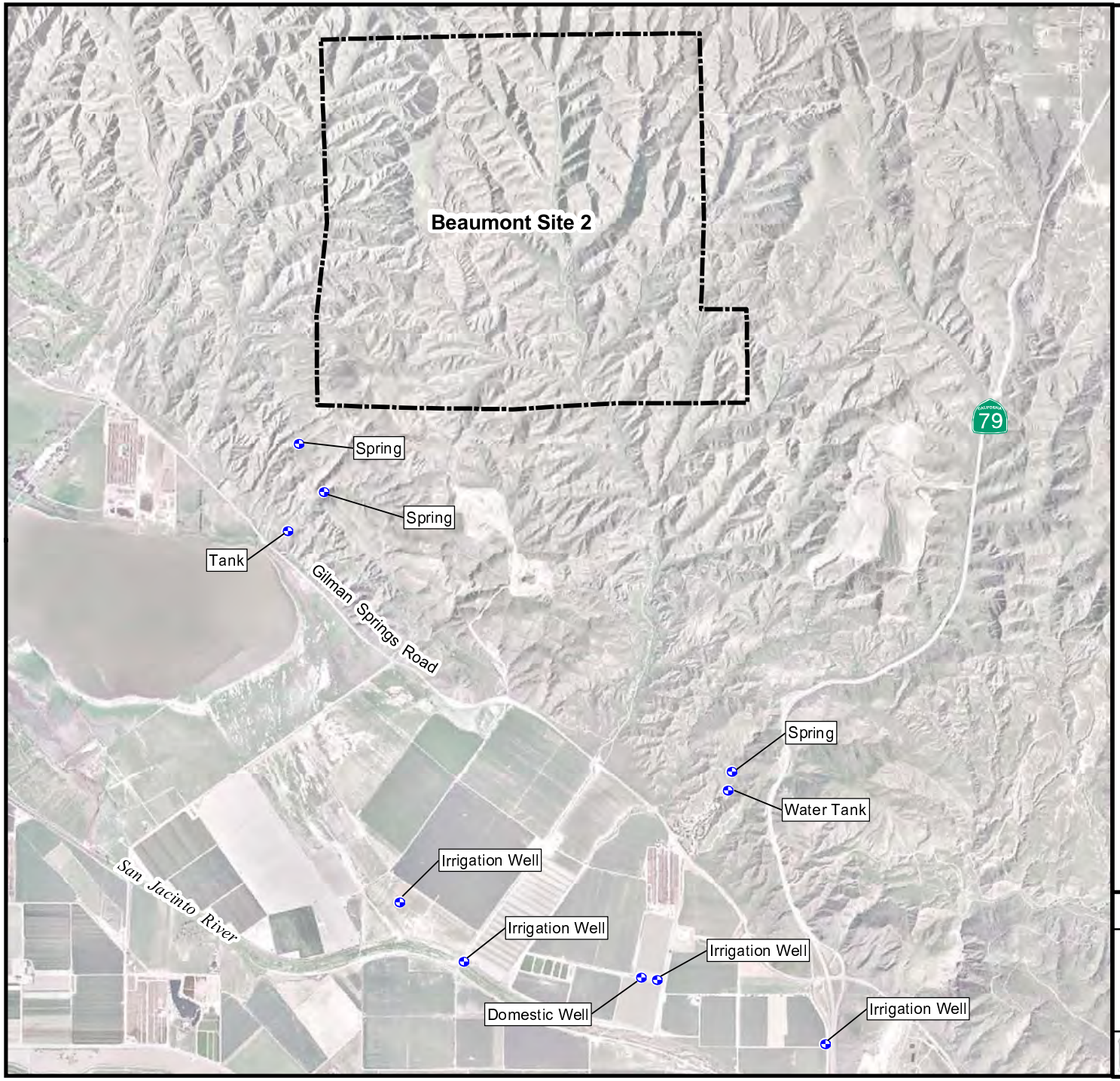

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Adapted from: I3 Prime World 2D Imagery, 2007.

LEGEND

- Sample Location
- Beaumont Site 2 Property Boundary

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

Beaumont Site 2

Figure 1-4
Off-Site Groundwater Sampling Locations Beaumont Site 2

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Quarter 2005 monitoring events. Figure 1-3 shows the locations of the monitoring wells at the Site and tabular summaries of groundwater monitoring analytical results are presented in Appendix A.

2.0 CONCEPTUAL SITE MODEL

Section 2 is divided into four (4) main subsections: physical setting, geology, hydrogeology, and distribution of affected groundwater. The following subsections describe the conceptual model for the Site prior to the Fourth Quarter 2006 groundwater monitoring event. While the current CSM is the most accurate representation based on data collected thus far, it should be noted that the CSM will be revised as necessary when additional data or information is acquired.

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. On-Site elevations range from approximately 2,500 feet 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 (2) 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 2,821 acre watershed for the Site (designated as Laborde Canyon watershed, as shown on Figure 2-1), is ephemeral in nature and remains dry when there is no rainfall. Consequently, no permanent streams, creeks, or other major surface water bodies occur at the Site.

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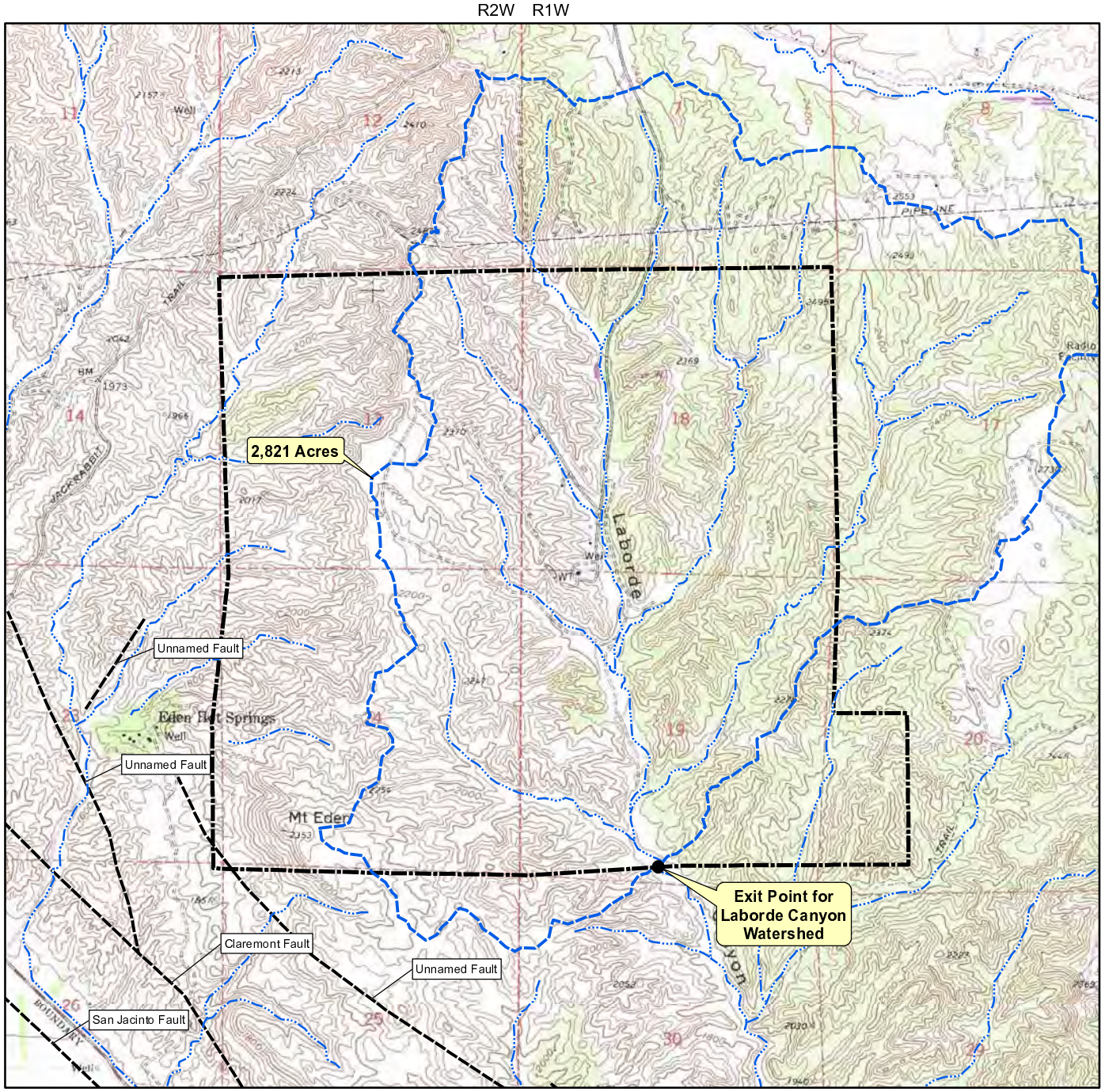

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Adapted from:

USGS 7.5' Topographic Quadrangle, El Casco. 1979.

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

Watershed boundary calculated from USGS digital elevation model using hydrologic modeling tools in ArcGIS 9.2 Spatial Analyst/3D Analyst.

LEGEND

- Beaumont Site 2 Property Boundary
- Intermittent Creek/Drainage
- Fault
- Laborde Canyon Watershed (2,821 Acres)

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 (1888 - 2006)

Precipitation (inches)	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Mean Monthly	Annual Total
Mean	2.85	2.90	2.54	1.04	0.52	0.09	0.09	0.23	0.29	0.62	1.16	1.97	1.19	14.18
Medium	1.85	2.28	1.62	0.52	0.10	0.00	0.00	0.00	0.00	0.10	0.76	1.40	1.16	13.79
Maximum	18.80	12.81	11.20	9.10	4.83	1.70	2.10	2.80	4.41	6.82	4.99	14.43	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 (1886 - 2006)

Precipitation (inches)	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Mean Monthly	Annual Total
Mean	2.17	2.14	1.93	0.87	0.36	0.06	0.10	0.20	0.29	0.54	0.95	1.47	0.93	11.03
Medium	1.49	1.53	1.40	0.47	0.10	0.00	0.00	0.00	0.00	0.15	0.68	1.06	0.85	10.10
Maximum	13.70	10.30	7.80	6.89	3.40	1.00	1.50	2.32	4.73	5.64	6.47	11.29	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 GEOLOGY

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

2.2.1 Regional Geology

The Site is located in the San Timoteo Badlands of the San Jacinto Mountain block. The San Jacinto Mountain block is a recently elevated mass with San Jacinto Peak being the highest point at 10,804 feet. The San Timoteo Formation is the most abundant rock type that outcrops in the San Timoteo Badlands. Minor alluvial deposits are located primarily in canyon floors and ridge tops and slopes.

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 showing the San Timoteo Formation and depicting the Quaternary alluvium as “surficial sediments”.

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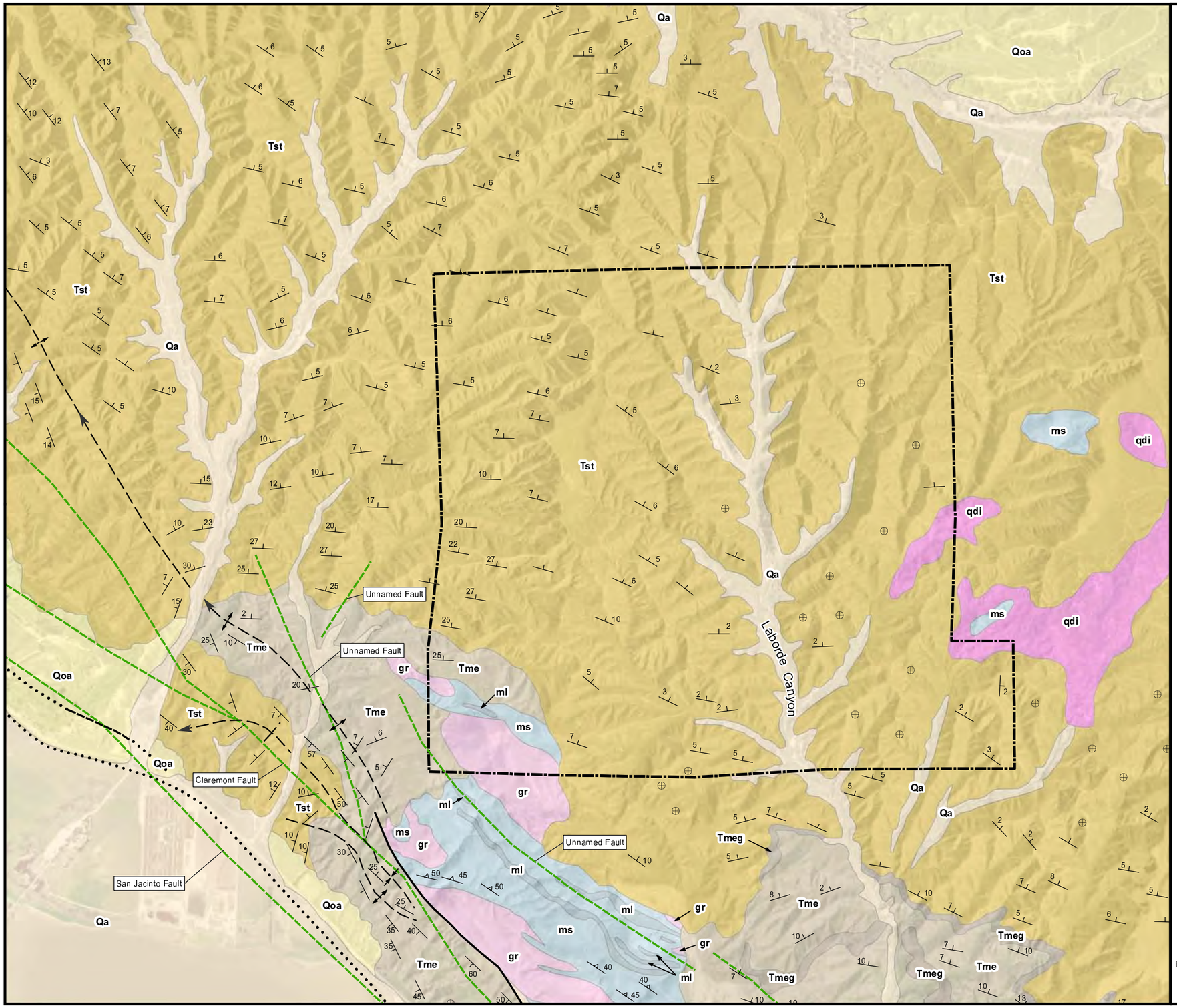

0 1,000 2,000 3,000 Feet

LEGEND

Beaumont Site 2 Property Boundary

Faults
(from Dibblee, 2003)

- Fault
- Fault (Concealed)
- Fault (Indefinite)

(from California Division of Mines and Geology, 1966)

- Fault

Anticline

Arrow on axial trace of fold indicates direction of plunge; dotted where concealed by surficial sediments.

Strike and Dip of Sedimentary Rocks

15 Inclined ⊕ Horizontal

Strike and Dip of Metmorphic or Igneous Rock Foliation or Flow Banding or Compositional Layers

20 Inclined

Geology

Surficial Sediments

- Qg — Alluvial gravel and sand of stream channels
- Qa — Alluvial sand, gravel and clay of level areas, covered by residual soil

Older Surficial Sediments

- Qoa — Alluvial gravel and sand, light reddish brown and of granititc and gneissic detritus of San Bernardino Mountains in north areas, brownish gray in south area; top surface slopes slightly from source terrains

San Timoteo Formation

- QTst — Upper part, sandstone, light gray to tan, fine to coarse grained arkosic and minor conglomerate of mostly granitic detritus, some gneissic and quartzitic detritus; includes thin layers of soft greenish to light reddish silty claystone, overlain by older alluvium
- Tst — Main part (middle part of Morton and Matti, 2001) sandstone, minor conglomerate and claystone, similar to those of upper part; comformably overlain by upper part (QTst), conformably underlain by Mount Eden Formation (Tme), but thins and buttresses eastward onto basement rocks as shown

Mount Eden Formation

- Tme — Sandstone, medium grained, arkosic, includes interbeds of micaceous silty shale, strata light gray to light reddish maroon, locally contains concretions
- Tmeg — Granitic conglomerate, composed of subrounded to subangulat boulders and cobbles of light gray massive biotite-hornblende quartz diorite (tonalite), unsorted; form lenses within and at top of unit Tme, derived from quartz diorite to NE (Morton and Mattei, 2001)

Plutonic Rocks

- gr — Granitic rock of Mount Eden, granite to monzo-granite (Morton and Matti, 2001) composed of quartz, potassic feldspar and sodic plagioclase feldspar in nearly equal amounts but with somewhat more potassic feldspar, scattered flakes of white mica and almost no mafic minerals, nearly white, massive; intrusive into meta-sedimentary rocks; exposed only near and SE of Mount Eden
- qdi — Granodiorite of east area; composed of quartz, potassic feldspar and sodic plagioclase feldspar in nearly equal amounts but with somewhat more sodic plagioclase feldspar, minor biotite, light gray, massive to very faintly gneissoid

Metasedimentary Rocks

- ms — Mica schist-phyllite. composed of biotite mica, feldspar and quartz, ranges to fine grained gneiss, locally includes calcsilicate skarn, dark gray, foliated along relict bedding planes
- ml — Marble, of calcite and dolomite, pale gray to white, medium to coarse grained, indistinctly bedded, locally contains skarn of diopside, wollastonite, fosterite, garnet and graphite (Morton and Matti 2001) occurs as layers and lenses in unit ms

Adapted from:

Geologic Map of the El Casco Quadrangle, Riverside County, California. Thomas W. Dibblee, Jr. 2003.

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

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

Beaumont Site 2

Figure 2-2

Regional Geology

TETRA TECH

December 2007

2.2.2 Local Geology

Findings from geologic studies conducted at the Site are consistent with the regional geologic mapping performed by Dibblee (1981). Subsurface investigations and seismic surveys conducted at the Site identified the quaternary alluvium (QAL) and San Timoteo Formation (weathered and unweathered portions).

The seismic survey used formation velocities to estimate stratigraphic boundaries and thicknesses at the Site. The results identified the following stratigraphic profile (from top to bottom):

- Dry, unconsolidated QAL (silt and sand);
- Dry, slightly consolidated QAL (silt and sand);
- weathered San Timoteo Formation (wSTF); and
- Competent San Timoteo Formation (STF).

Figure 2-3 identifies the locations of the vertical and horizontal seismic surveys and depicts the graphical interpretations of the seismic results. Subsurface investigations and seismic surveys conducted at the Site identified the alluvium, wSTF and STF. Based on the results of the soil borings, the thickness of the QAL/wSTF ranges from about 35 feet at the southernmost portions of the Site to approximately 70 feet in the Western Arm and Stem Area of Laborde Canyon. At depth, the bedrock becomes more unweathered and competent. The bottom of the STF was not reached during investigations conducted at the Site, but regional literature indicates the STF is estimated to be between 1,500 and 2,000 feet thick (CGB, 2004). Cross-Sections 10 and 11, which transect along the Western Arm and the northern end of the Stem Area, show the general decreases in elevation of the alluvium and San Timoteo Formation.

Soil borings completed at the Site identified the alluvium and underlying San Timoteo Formation. A summary of the geology is presented below.

- <u>Alluvium</u>

  The 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.

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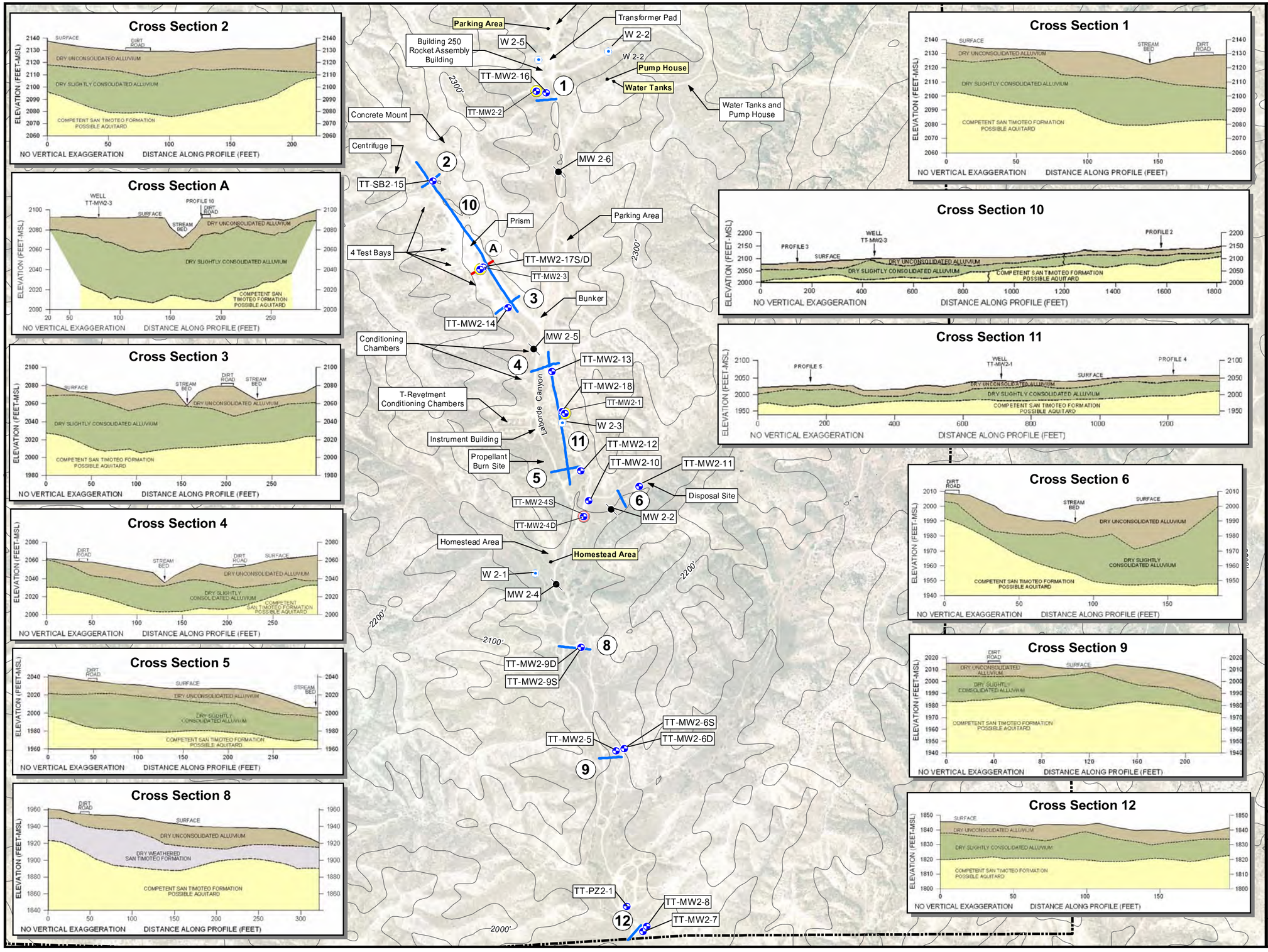


Cross Section 2

Cross Section A

Cross Section 3

Cross Section 4

Cross Section 5

Cross Section 8

Cross Section 1

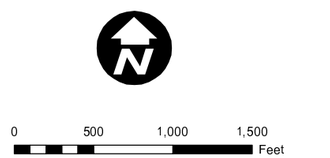
Cross Section 10

Cross Section 11

Cross Section 6

Cross Section 9

Cross Section 12



Adapted from: April 2007 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

December 2007

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Parking Area
Historical Operational Area J Final Assembly
Transformer Pad
Building 250 Rocket Assembly Building
W 2-5
W 2-2
B
BH2-7
TT-MW2-2
TT-MW2-16
Water Tanks and Pump House
2300'
Concrete Mount
Centrifuge
2300'
A
TT-SB2-15
MW 2-6
4 Test Bays
Prism
Parking Area
Historical Operational Area K Test Bays & Misc. Facilities
TT-MW2-17S/D
TT-MW2-3
2100'
2300'
2200'
2200'
TT-SB2-14
TT-MW2-14
Bunker
MW 2-5
Conditioning Chambers
Laborde Canyon
TT-MW2-13
B'
TT-MW2-18
TT-MW2-1
T-Revetment Conditioning Chambers
W 2-3
2100'
Instrument Building
2200'
TT-MW2-12
Propellant Burn Site
C
TT-MW2-11
Historical Operational Area M Garbage Disposal Area
2200'
TT-MW2-10
Disposal Site
MW 2-2
TT-MW2-4S/D
C'
Homestead Area
2200'
2200'
W 2-1
MW 2-4
Historical Operational Area L Propellant Burn Area
TT-MW2-9S
TT-MW2-9D
2000'
TT-MW2-5
TT-MW2-6S/D
2000'
2100'
1900'
1900'
TT-PZ2-1
TT-MW2-8
TT-MW2-7
2200'
A'

LEGEND

- Newly Installed Groundwater Monitoring Well Location
- Groundwater Monitoring Well Location
- Inactive Production Well Location
- Abandoned Soil Boring
- Destroyed Monitoring Well Location
- Cross Section Location
- Historical Operational Area Boundary
- Beaumont Site 2 Property Boundary
- 2200' Topographic Contour (100-foot interval)

N

0 500 1,000 Feet

Adapted from: April 2007 aerial photograph.

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

Beaumont Site 2

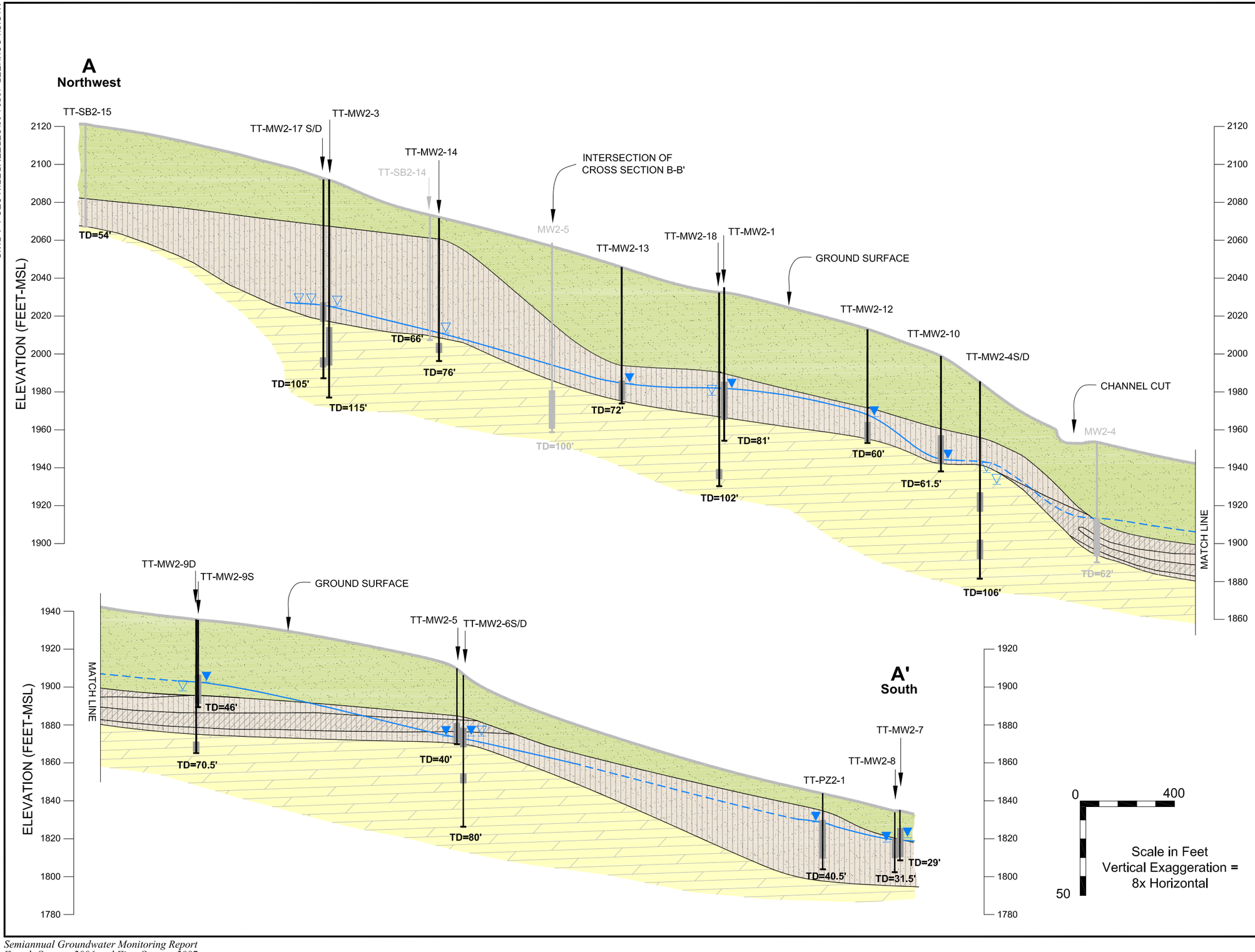
Figure 2-4

Cross Section Location Map with Newly Installed Wells

TETRA TECH

December 2007

X:\GIS\LOCKHEED 19524-03\SEPTEMBERX-SEC A-A.DWG



LEGEND

- First Groundwater (Dashed where inferred)
- Alluvium/Weathered San Timoteo Formation Water Level
- San Timoteo Formation Water Level
- Contact (Dashed where inferred)
- Alluvium: Silty sand, Sand with silt/gravel, Sand silt, Silt with gravel/Sand/Clay
- Weathered San Timoteo Formation: Silty sand, Silty sandstone, Sand, Sandstone, Silty sand with gravel
  - Sandy silty clay, Silty clayey sand, Clayey silt
- San Timoteo Formation: Siltstone, Sandstone, Silty sandstone, Sandstone with silt and clay, Sandy siltstone. Approximate dipping angle of beds is depicted.

Abandoned Soil Boring or Well — TD=60'

Well — TD=62'

Screened Interval

Total Boring Depth (feet)

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

Reported dip of San Timoteo Formation is approximately perpendicular to cross section and ranges from 2 to 3 degrees north (Diblee, 2003).

Water levels shown for wells are from the First Quarter 2007 groundwater monitoring event.

Beaumont Site 2

Figure 2-5

Geologic Cross Section A-A'

TETRA TECH

December 2007

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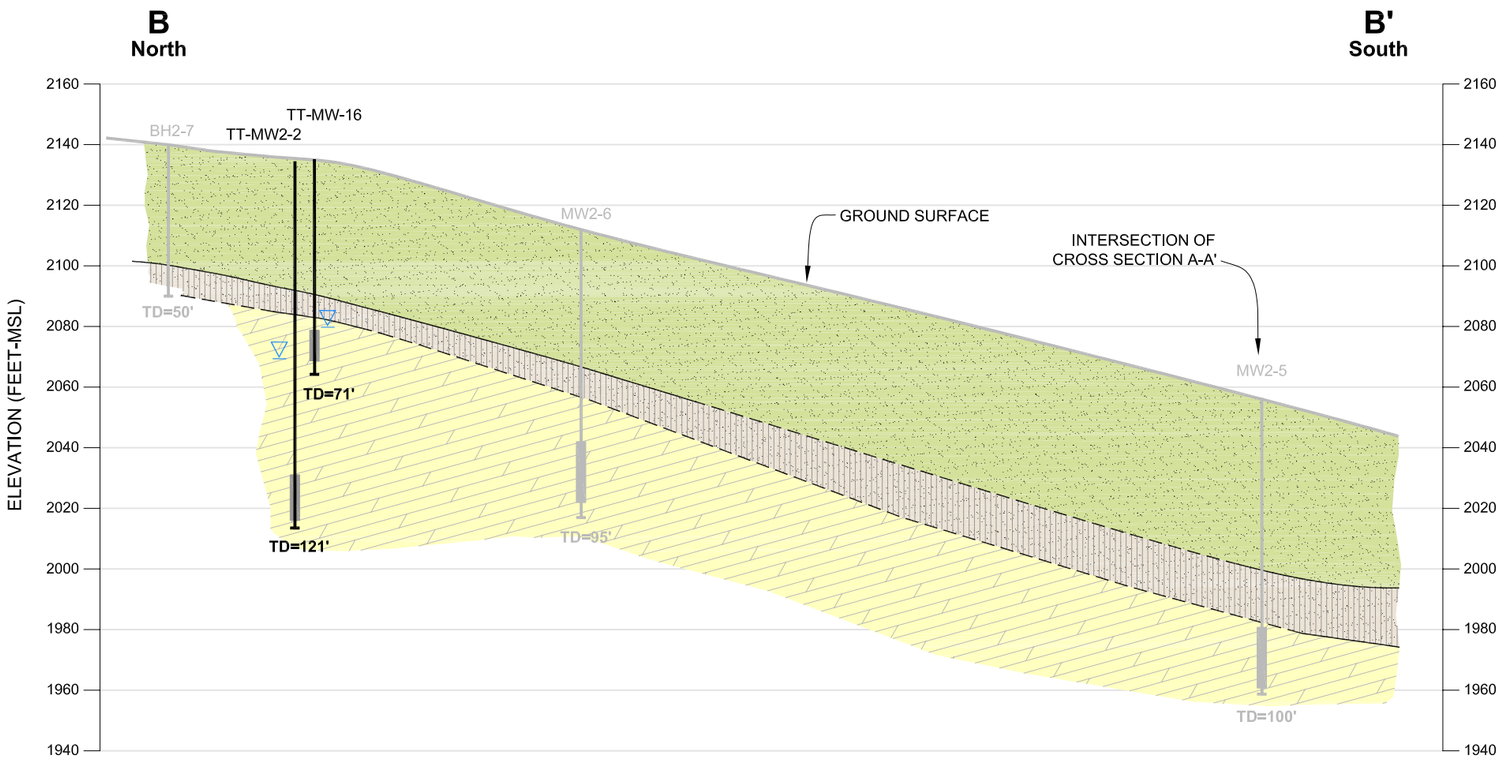

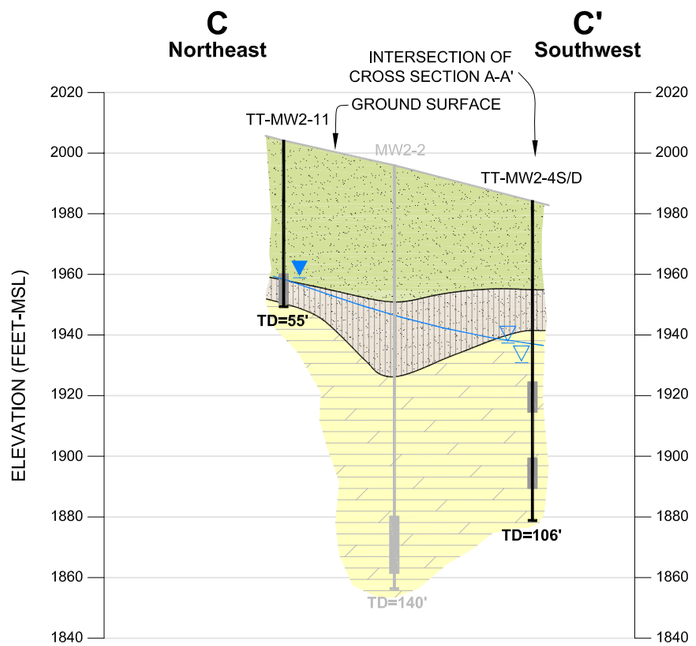

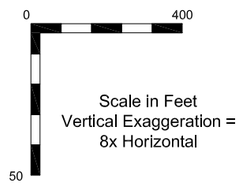

LEGEND

First Groundwater
(Dashed where inferred)

Alluvium/Weathered San Timoteo Formation Water Level

San Timoteo Formation Water Level

Contact
(Dashed where inferred)

Alluvium
Silty sand, Sand with silt/gravel, Sandy silty clay, Silt with gravel/sand/clay

Weathered San Timoteo Formation
Silty sand, Silty sandstone, Sand, Sandstone, Sand with silt/clay/gravel

Sandy silty clay, Silty clayey sand, Clayey silt or silty clay

San Timoteo Formation
Siltstone, Sandstone, Silty sandstone, Sandstone with silt and clay, Sandy siltstone. Approximate dipping angle of beds is depicted.

Abandoned Soil Boring or Well
TD=60'

Well
TD=62'

Screened Interval

Total Boring Depth (feet)

Note: San Timoteo Formation elevation depicted in vicinity of TT-MW2-3 is based on geophysical survey data. (Figure 1-5).

Strike and dip measurments just north of Operational Area J and one (1) from Operational Area J showed strikes ranging from north 50 degrees west to 80 degrees west and dips ranging from 17 to 22 degrees north.

Reported dip of San Timoteo Formation is approximately perpendicular to cross section and ranges from 2 to 3 degrees north (Diblee, 2003).

Water levels shown for wells are from the First Quarter 2007 groundwater monitoring event.

Beaumont Site 2

Figure 2-6
Geologic Cross Sections B-B' and C-C'

TETRA TECH

December 2007

- San Timoteo Formation

  The San Timoteo Formation, as encountered in the subsurface and exposed on the Site, generally consists of siltstone and sandstone. Some coarse pebbles and gravels are encountered in the more coarse-grained portions of the formation. The upper portion of the San Timoteo Formation is characterized by 20 to 60 feet thick weathered siltstone and sandstone fragments composed of silty sand, sand, clayey silt, and sandy, silty clay. At depth, the formation becomes more competent.

2.2.3 Site Structure

Review of the geologic map for the El Casco quadrangle indicates that the San Timoteo Formation dips approximately three (3) to eight (8) degrees to the northeast (Diblee, 2003). This portion of the San Timoteo Formation forms part of the northeast limb of the northwest plunging San Timoteo Anticline, the axis of which is approximately 0.25 miles from the southwest corner of the Site (i.e. within Section 24, as shown on Figures 2-1 and 2-2).

While distinctive traceable marker beds were not apparent between borings, strike and dip information (Diblee, 2003) indicated strike was approximately north 45 degrees west and dip was approximately north at two (2) to three (3) degrees in the Site vicinity. Three (3) measurements of strike and dip from locations just north of Area J and one (1) from within Area J showed strikes ranging from north 50 degrees west to north 80 degrees west and dips ranging from 17 to 22 degrees north (Global, 2006).

The Site is located between the strike-slip San Andreas and San Jacinto Fault Zones that bisect the San Bernardino Basin. Branch faults associated with the San Jacinto Fault have been mapped near the southern Site boundary. The San Jacinto Fault Zone is located to the southwest, and generally parallel to the San Timoteo Anticline axis. 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 assumed to be associated with the movement of these two (2) major faults (Figures 2-1 and 2-2).

2.3 HYDROGEOLOGIC SETTING

2.3.1 Regional Hydrogeology

The Site is part of the San Jacinto Watershed, which underlies the Cities of Beaumont, San Jacinto, Perris, Hemet, and Moreno Valley in western Riverside County (EMWD, 2005). All of the streams and rivers in the watershed are ephemeral; they flow only when precipitation occurs and much of this flow infiltrates to groundwater. The San Jacinto River rises in and drains the western slopes of the San Jacinto Mountains,

including Laborde Canyon. The San Jacinto groundwater basin lies within alluvium-filled valleys carved into the elevated bedrock plateau of the Perris Block. The San Jacinto groundwater basin and adjacent basins are nearly surrounded by impermeable bedrock mountains and hills. Groundwater is the major supply of water in the Cities of Hemet and San Jacinto.

The San Jacinto and Casa Loma fault zones are the major geologic features that bound and/or crosscut many of the basins within the San Jacinto Watershed, and typically are effective barriers to groundwater flow. The San Jacinto fault is a known barrier to groundwater flow, and separates the San Jacinto Graben from the San Timoteo Badlands and the San Jacinto Mountains (EMWD, 2005). Historically, the active faults within the northwest-trending San Jacinto fault zone have served as barriers to groundwater movement (DWR, 1959). East of the City of San Jacinto, a branch of the San Jacinto fault zone cuts the alluvial fill by extending southeast across the San Jacinto River and along the channel of Bautista Creek until it intersects the Park Hill fault (EMWD, 2005).

The area between the San Jacinto and Casa Loma faults is a deep, alluvium-filled graben of tectonic origin, commonly referred to as the San Jacinto Graben (EMWD, 2005). The San Jacinto Graben consists of a fore bay area in the southeast where surface water recharge primarily occurs and a pressure area in the northwest where deep aquifers exist under confined conditions. The effective base of freshwater in the graben is known to be quite deep but has not been precisely determined.

2.3.2 Local Hydrogeology

Based on historical investigations, groundwater at the Site is found primarily in the siltstones of the STF, although these deposits yield only small quantities of water (Radian, 1986b). More recent investigations show that groundwater can be present in the QAL/wSTF above the STF. 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 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 QAL/wSTF unit and a STF unit. 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).

Groundwater Levels

In general, over the past eight (8) quarters of monitoring, groundwater elevations appear to remain stable across the various areas of the Site, and in the QAL/wSTF and STF HSUs, demonstrating only a limited

but delayed seasonal rise and fall. However, there is insufficient data to discuss any long term trends in groundwater elevation at this time. Groundwater elevations range from approximately 2,076 feet msl in the topographically up gradient northern portion of the Site (TT-MW2-16) to approximately 1,820 feet msl in the topographically down gradient southern portion of the Site (TT-MW2-8).

In the northern portion of the Site, first water is observed in the STF approximately 55 feet bgs (TT-MW2-16). In Area K, near the Prism area (groundwater samples collected from this area display the highest perchlorate concentrations); first water is observed in the STF approximately 68 feet bgs (TT-MW2-17S). In Area L, first water is observed in the QAL/wSTF ranging from approximately 63 feet bgs (TT-MW2-13) to 55 feet bgs (TT-MW2-10). In Area L, groundwater levels in the STF range from slightly lower (approximately 0.2 feet, TT-MW2-18) to approximately 7 feet lower (TT-MW2-4S) than groundwater levels observed in the QAL/wSTF. Further south, down gradient with respect to topography and QAL/wSTF groundwater flow, first water is observed in the QAL/wSTF ranging from approximately 34 feet bgs (TT-MW2-9S) to 16 feet bgs (TT-MW2-8) and groundwater levels in the STF range from approximately 1 foot (TT-MW2-6D) to 4.5 feet lower (TT-MW2-9D) than groundwater levels observed in the QAL/wSTF.

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. Groundwater 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 B.

Based on the minimal response to precipitation and the relatively stable water levels observed during eight (8) quarters of groundwater monitoring of wells TT-MW2-1 through TT-MW2-6D, it appears that the QAL/wSTF and the STF 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 B). However, sufficient data are not available at this time to evaluate long term trends in groundwater elevation at the Site.

Groundwater Flow

Based on the limited amount of groundwater elevation data available, the current CSM, and the southward sloping topography at the Site, groundwater flow in the QAL/wSTF appears to be southerly and to generally follow the topography of Laborde Canyon. Similarly, groundwater flow in the STF appears to be southerly. However, the wells screened in the STF form a relatively straight line southward, which limits an accurate assessment of groundwater flow direction. Also, groundwater at the Site may be influenced by bedding planes, fractures and fault zones. Groundwater flow in the QAL/wSTF and STF HSUs will be refined as additional data are acquired. Based on soil boring, geophysical and groundwater data, unweathered portions of the STF appear to act as a lower confining layer separating shallow groundwater in the QAL/wSTF from deeper groundwater in the STF south of Area L.

Horizontal and Vertical Groundwater Gradients

Groundwater gradients calculated from the Third Quarter 2006 groundwater monitoring event for the QAL/wSTF HSU between monitoring wells TT-MW2-1 and newly installed TT-MW2-7 (i.e., representing a flow path from the northern Stem Area to the southern Site boundary) indicated a horizontal gradient of 0.039 feet per foot (ft/ft). Groundwater gradients calculated from five (5) groundwater monitoring events between December 2005 and October 2006 for the STF HSU between monitoring wells TT-MW2-2 and TT-MW2-6D (i.e., representing a flow path from the topographically up gradient northern portion of the Site to approximately 1,800 feet north of the southern Site boundary) indicated an average horizontal gradient of 0.030 ft/ft. A summary of the calculated horizontal groundwater gradients is presented in Appendix B.

In general, based on groundwater level data collected between February 2005 and October 2006, shallow and deeper monitoring well pairs indicated downward (negative) vertical gradients. Average vertical groundwater gradients between shallow and deeper monitoring well pairs TT-MW2-2 and TT-MW2-16 (both screened in the STF), TT-MW2-4S and TT-MW2-4D (both screened in the STF) and TT-MW2-6S and TT-MW2-6D (screened in the QAL/wSTF and STF, respectively) were -0.21 ft/ft, -0.27 ft/ft and -0.042 ft/ft, respectively. It should be noted that well pair TT-MW2-6S and TT-MW2-6D are screened in different HSUs. At this time, the degree of communication between the QAL/wSTF and the shallow portions of the STF in the vicinity of well nest TT-MW2-6S/D appears limited. A summary of the calculated vertical groundwater gradients is presented in Appendix B.

Local Hydraulic Conductivities

Hydraulic conductivity (K) values calculated from slug testing for selected wells at the Site range from 0.018 to 10.1 feet per day (ft/day). Where possible, K values were also calculated based on the results of a modified specific capacity test. Table 2-2 presents a summary of the K values. The K values for the wells TT- MW2-5 and TT-MW2-1, screened within or principally within the QAL/wSTF are 0.90 ft/day and 9.7 ft/day, respectively. The K values for the wells (TT-MW2-3, TT-MW2-4S and TT-MW2-6D) screened within the STF range from 0.018 to 8.2 ft/day and the average is 3.2 ft/day.

Table 2-2 Hydraulic Conductivities of Alluvial, Weathered San Timoteo Formation and San Timoteo Formation Beaumont Site 2

Well ID	HSU Monitored	Hydraulic Conductivity - Averaged - Slug Test (feet per day)	Hydraulic Conductivity - Falling Head Slug Test (feet per day)	Hydraulic Conductivity - Rising Head Slug Test(feet per day)	Hydraulic Conductivity – Modified Specific Capacity Drawdown Test (feet per day)
TT-MW2-1	QAL/wSTF	9.7	9.3	10.4	16.1
TT-MW2-2	STF	No Data	No Data	No Data	< 0.39
TT-MW2-3	STF	1.5	1.6	1.3	2.5
TT-MW2-4S	STF	0.018	0.019	0.017	< 0.84
TT-MW2-4D	STF	No Data	No Data	No Data	< 0.72
TT-MW2-5	QAL/wSTF	0.90	0.45	1.4	< 2.8
TT-MW2-6S	QAL/wSTF	No Data	No Data	No Data	< 1.5
TT-MW2-6D	STF	8.2	6.0	10.4	0.96

2.4 DISTRIBUTION OF AFFECTED GROUNDWATER

Based on the results of groundwater monitoring performed at the Site prior to installation of the newly installed monitoring wells, four (4) chemicals have been reported at concentrations exceeding their respective MCL or DWNL; perchlorate, TCE, bis-(2-ethylhexyl) phthalate, and arsenic. Arsenic is likely a naturally occurring compound, and the single reported detection of bis-(2-ethylhexyl) phthalate is believed to be a field/laboratory contaminant (Tetra Tech, 2007b). These compounds will be evaluated further during the forthcoming risk assessment.

Currently, perchlorate and TCE are considered the chemicals of potential concern (COPC) for the Site. Perchlorate has been classified as a primary COPC, based on the elevated concentrations and frequency of detection. Compared to perchlorate, TCE has been detected at much lower concentrations, and the detections are co-located with the perchlorate detections. Therefore, TCE has been classified as a secondary COPC. Table 2-3 presents a list of those analytes detected in groundwater samples collected

from the Site that are considered COPC. Analytical data consolidation tables summarizing all of the recent data are included in Appendix A.

Table 2-3 Chemicals of Potential Concern
Beaumont Site 2

Analyte	Classification
Perchlorate	Primary
Trichloroethene (TCE)	Secondary

2.4.1 Perchlorate

Based on data collected from the GMP, perchlorate concentrations exceeding the DWNL were reported in groundwater samples collected from monitoring wells TT-MW2-1, TT-MW2-3, TT-MW2-5, and TT-MW2-6S. The highest concentrations were detected in TT-MW2-3, located in Area K (Former Test Bay Area). This well is located approximately 200 feet southeast of the Prism. Concentrations in this well ranged from 740 to 68,000 µg/L, indicating that this area may be a source to affected groundwater. TT-MW2-1, located in Area L (Former Burn Area), reported perchlorate concentrations ranging from 2,400 to 7,100 µg/L. TT-MW2-5, located approximately 1,500 feet south of the Former Burn Area, reported perchlorate concentrations ranging from 810 to 981 µg/L. Perchlorate was not reported above the DWNL of 6 µg/L (subsequently promulgated to an MCL of the same concentration, 6 µg/L) in groundwater samples collected from the other four (4) monitoring wells (TT-MW2-2, TT-MW2-4S, TT-MW2-4D and TT-MW2-6D). Based on the known distribution of perchlorate in groundwater, the horizontal and vertical extent has not been assessed.

2.4.2 Trichloroethene

Based on data collected from the GMP, TCE concentrations exceeding the MCL were historically reported in monitoring well TT-MW2-3, located in Area K (former Test Bay area). TCE concentrations in this well ranged from 1.2 to 8 µg/L. TCE was detected in one (1) other well (TT-MW2-11) at concentrations below the MCL of 5 µg/L. As a consequence of the single location of TCE occurrence in groundwater, the horizontal and vertical extent has not been assessed.

3.0 SUMMARY OF MONITORING ACTIVITIES

Section 3 summarizes the Fourth Quarter 2006 and First Quarter 2007 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 Fourth Quarter 2006 groundwater level measurements were collected from all 21 of the Site's monitoring wells and one (1) piezometer well between November 20 and November 29, 2006. The First Quarter 2007 groundwater level measurements were collected from all 21 of the Site's monitoring wells and one (1) piezometer well on March 7, 2007. Copies of the field data sheets from the water quality monitoring events are presented in Appendix C. A summary of well construction details is presented in Appendix D.

3.2 GROUNDWATER SAMPLING

The Fourth Quarter 2006 groundwater samples were collected from 21 monitoring wells between November 20 and November 29, 2006. The First Quarter 2007 groundwater samples were collected from 13 monitoring wells between March 13 and 14, 2007. Table 3-1 lists the wells monitored for the Fourth Quarter 2006 and First Quarter 2007 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 were 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 C) 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 (1) 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 representative 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 the monitoring wells by modified low-flow and low-flow purging and sampling through variable flow submersible electric and bladder-type pumps. Dedicated bladder-type pumps will be installed in all of the monitoring wells on the Site during the coming monitoring events.

Table 3-1 Sampling Schedule and Analysis Method - Fourth Quarter 2006 and First Quarter 2007
Beaumont Site 2

Well ID	Sample Date	VOCs (EPA 8260B)	SVOCs (EPA 8270C)	Perchlorate (EPA 314.0)	RDX (EPA 8330)	1,2,3 - TCP (EPA 8260B)	Metals (EPA 6010B & 7470A, [1])	General Minerals (2) [EPA 160.1, 300.0, 2320B & 6010B]	NDMA (EPA 1625M)	Comments and QA/QC Samples
TT-MW2-1	11/21/06	X		X						
	11/28/06				X					
TT-MW2-2	11/21/06	X		X						
TT-MW2-3	11/20/06	X		X						
TT-MW2-4S	11/21/06	X		X						
TT-MW2-4D	11/21/06	X		X						
TT-MW2-5	11/29/06	X		X						
TT-MW2-6S	11/29/06	X		X						
TT-MW2-6D	11/29/06	X		X						
TT-MW2-7	11/29/06	X		X						
	03/14/07	X		X						
TT-MW2-8	11/29/06	X		X						
	03/14/07	X		X						Duplicate
TT-MW2-9S	11/29/06	X		X						
	03/13/07	X		X						
TT-MW2-9D	11/29/06	X		X						
	03/13/07	X		X						
TT-MW2-10	11/28/06	X		X						
	03/13/07	X		X						
TT-MW2-11	11/28/06	X		X						
	03/13/07	X		X						
TT-MW2-12	11/28/06	X		X						
	03/13/07	X		X						
TT-MW2-13	11/28/06	X		X						Duplicate
	03/13/07	X		X						
TT-MW2-14	11/20/06	X	X	X	X	X	X	X	X	Duplicate
	03/14/07	X		X						
TT-MW2-16	11/28/06	X		X						
	03/13/07	X		X						
TT-MW2-17S	11/20/06	X		X						
	03/14/07	X		X						
TT-MW2-17D	11/20/06	X		X						
	03/14/07	X		X						
TT-MW2-18	11/28/06	X		X						Duplicate
	03/14/07	X		X						Duplicate

Fourth Quarter 2006: Total Sample Locations:	21	**First Quarter 2007:** Total Sample	13
Total Samples Collected:	21	Total Samples Collected:	13
Sample Locations Not Accessible:	0	Sample Locations Not Accessible:	0
Dry Sample Locations:	0	Dry Sample Locations:	0

Notes:

[1] - Filtered and unfiltered analyses.

(2) - General minerals analysis performed using EPA 2320 B (CO32- 7 HCO3-), EPA 300.0 (Cl-, NO2- & SO42-), EPA 6010B (NA, K, CA & Mg) and EPA 160.1(Total Dissolved Solids).

EPA - United States Environmental Protection Agency.

MS / MSD - Matrix Spike / Matrix Spike Duplicate.

NDMA - N - Nitrosodimethylamine.

QA/QC - Quality Assurance/Quality Control.

RDX - Royal Dutch Explosives (Cyclonite).

1,2,3-TCP - 1,2,3-Trichloropropane.

VOCs - Volatile Organic Compounds.

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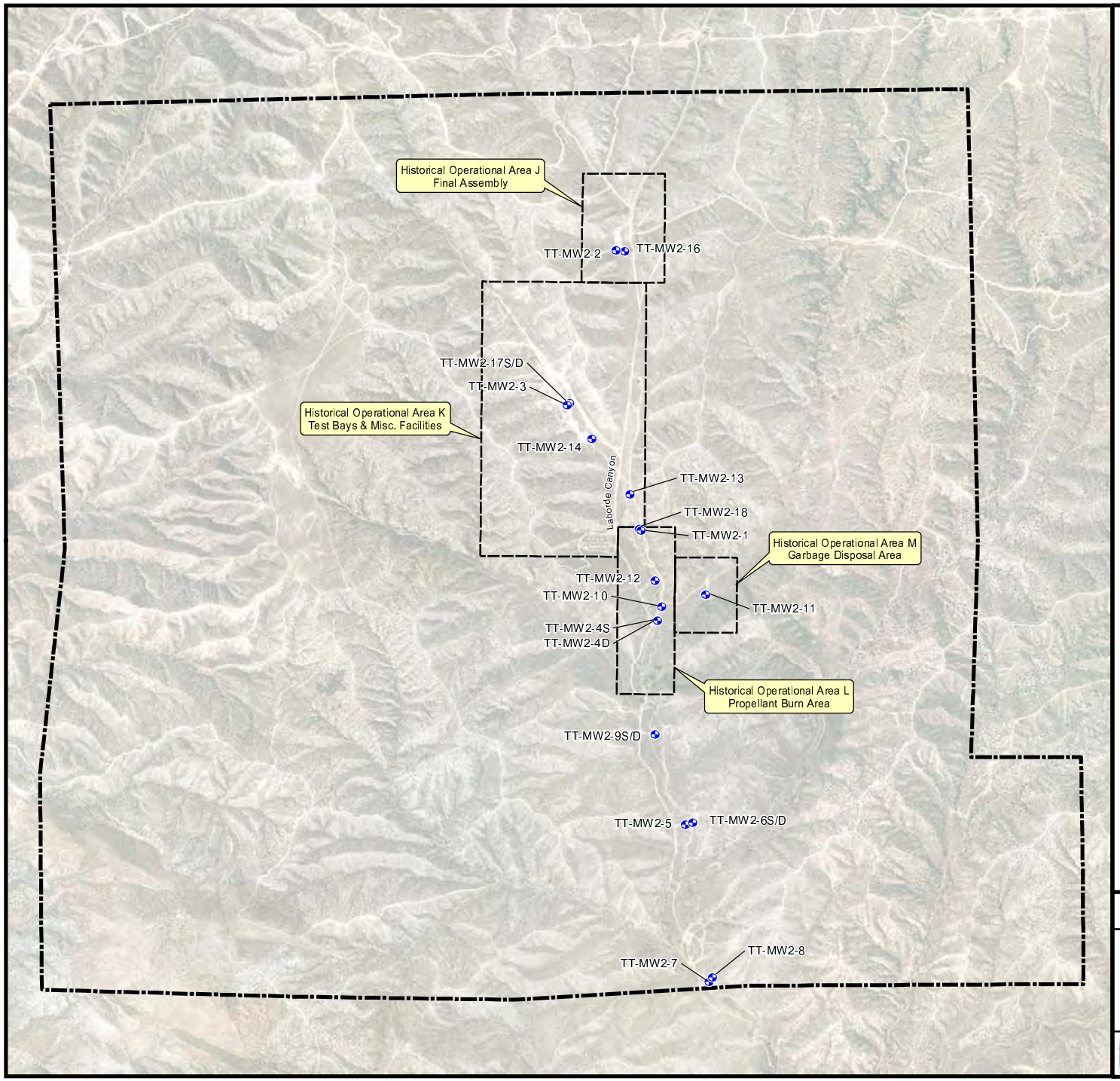

0 1,000 2,000 Feet

Adapted from: April 2007 aerial photograph.

LEGEND

- Groundwater Monitoring Well Location
- Inactive Production Well Location
- Destroyed Monitoring Well Location
- Beaumont Site 1 Property Boundary
- Historical Operational Area Boundary

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

Beaumont Site 2

Figure 3-1
Fourth Quarter 2006 and First Quarter 2007 Sample Locations

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December 2007

For the Fourth Quarter 2006 and First Quarter 2007 monitoring events, groundwater samples were collected in order of increasing perchlorate concentration 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. Groundwater samples collected for the monitoring events were chilled and transported to Emax Laboratories, Inc., a state-accredited analytical laboratory, via courier, thus maintaining proper temperatures and sample integrity. Trip blanks (LTBs) and equipment blanks (LEBs) were collected for the 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 groundwater samples collected were analyzed 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 (HCP) [USFWS, 2005] and subsequent clarifications (LMC, 2006a and 2006b) of the HCP 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 HCP.

4.0 GROUNDWATER MONITORING RESULTS

The results of the Fourth Quarter 2006 and First Quarter 2007 groundwater monitoring events are presented in the following subsections. These subsections include tabulated summaries of the groundwater elevation and water quality data collected, groundwater elevation maps, and analyte results figures.

4.1 GROUNDWATER ELEVATION

Based on the groundwater levels measured during the Fourth Quarter 2006 and First Quarter 2007 monitoring events, depth to groundwater at the Site ranges from about 56 feet bgs in the northern portion (elevation of 2,079 feet msl, TT-MW2-16) to about 15 feet bgs in the southern portion (elevation of 1,819 feet msl, TT-MW2-8). A tabulated summary of groundwater depths and elevations is presented in Table 4-1. Changes in groundwater elevations from the previous monitoring event for wells monitored for the Fourth Quarter 2006 and First Quarter 2007 monitoring events are shown on Figures 4-1 and 4-2, respectively, and hydrographs for individual wells are presented in Appendix B.

In comparison to the Third Quarter 2006 quarterly monitoring event, groundwater levels measured during the Fourth Quarter 2006 monitoring event decreased in QAL/wSTF screened monitoring wells an average of 0.13 feet and decreased in STF screened monitoring wells an average of 0.33 feet.

In comparison to the Fourth Quarter 2006 quarterly monitoring event, groundwater levels measured during the First Quarter 2007 monitoring event decreased in QAL/wSTF screened monitoring wells an average of 0.04 feet and decreased in STF screened monitoring wells an average of 0.21 feet.

4.2 GROUNDWATER FLOW

Groundwater contour maps for first groundwater and the STF HSU from Fourth Quarter 2006 groundwater levels are presented in Figures 4-3 and 4-4 and from First Quarter 2007 groundwater levels are presented in Figures 4-5 and 4-6, respectively. Hydrographs for individual wells are presented in Appendix B.

Based on the Fourth Quarter 2006 and First Quarter 2007 groundwater levels measured in monitoring wells screened at first groundwater general follows the topography of Laborde Canyon (i.e., to the south, Figures 4-3 and 4-5). First groundwater does not always appear to be present in the QAL/wSTF HSU, sometimes it is first observed in the STF HSU. It appears that shallow groundwater from Area J and K flows southward (down gradient, in terms of flow and topography). It also appears that shallow groundwater from Area M (Garbage Disposal Area) enters the Area L from the west and moves southward.

Table 4-1 Groundwater Elevation Data - Fourth Quarter 2006 and First Quarter 2007

Beaumont Site 2

		Fourth Quarter 2006			First Quarter 2007		
Well ID	**HSU**	**Date Measured**	**Measuring Point Elevation (feet msl)**	**Groundwater Elevation Change from Third Quarter 2006 (feet)**	**Date Measured**	**Groundwater Elevation (feet msl)**	**Groundwater Elevation Change from Fourth Quarter 2006 (feet)**
TT-MW2-1	QAL / wSTF	11/21/06	2035.21	-0.41	03/07/07	1980.30	-0.58
TT-MW2-2	STF	11/21/06	2137.75	-0.22	03/07/07	2068.92	-0.18
TT-MW2-3	STF	11/20/06	2094.66	-0.34	03/07/07	2024.88	0.01
TT-MW2-4S	STF	11/21/06	1986.94	-0.38	03/07/07	1937.23	0.08
TT-MW2-4D	STF	11/21/06	1987.16	0.24	03/07/07	1931.10	-0.23
TT-MW2-5	QAL / wSTF	11/29/06	1911.31	0.01	03/07/07	1873.60	-0.41
TT-MW2-6S	QAL / wSTF	11/29/06	1908.00	-0.06	03/07/07	1873.80	0.28
TT-MW2-6D	STF	11/29/06	1908.07	0.05	03/07/07	1872.92	0.37
TT-MW2-7	QAL / wSTF	11/29/06	1839.25	NA	03/07/07	1820.84	0.54
TT-MW2-8	QAL / wSTF	11/29/06	1836.32	NA	03/07/07	1819.53	0.68
TT-MW2-9S	QAL / wSTF	11/29/06	1938.38	NA	03/07/07	1902.39	0.28
TT-MW2-9D	STF	11/29/06	1938.78	NA	03/07/07	1897.87	-0.58
TT-MW2-10	QAL / wSTF	11/28/06	2001.57	NA	03/07/07	1944.13	-0.06
TT-MW2-11	QAL / wSTF	11/28/06	2004.51	NA	03/07/07	1957.97	-0.90
TT-MW2-12	QAL / wSTF	11/28/06	2016.26	NA	03/07/07	1966.79	-0.13
TT-MW2-13	QAL / wSTF	11/28/06	2049.39	NA	03/07/07	1983.61	-0.44
TT-MW2-14	STF	11/20/06	2074.78	NA	03/07/07	2009.12	-0.49
TT-MW2-16	STF	11/20/06	2137.20	NA	03/07/07	2078.54	-0.47
TT-MW2-17S	STF	11/20/06	2095.33	NA	03/07/07	2024.77	-0.07
TTMW2-17D	STF	11/28/06	2095.55	NA	03/07/07	2024.88	-0.13
TT-MW2-18	STF	11/28/06	2035.32	NA	03/07/07	1980.44	-0.59
TT-MW2-PZ1	QAL / wSTF	11/28/06	1847.06	NA	03/07/07	1829.31	0.59

Notes:

msl - Mean sea level.
NA - Not available.
HSU - Hydrostratigraphic Unit.
QAL / wSTF - Quaternary alluvium/weathered San Timoteo Formation.
STF - San Timoteo Formation.

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Parking Area
Transformer Pad
Building 250 Rocket Assembly Building
Historical Operational Area J Final Assembly
TT-MW2-2
2069.10'
-0.22
Water Tanks and Pump House
Concrete Mount
Centrifuge
Historical Operational Area K Test Bays & Misc. Facilities
Prism
Parking Area
TT-MW2-3
2024.87'
-0.34
4 Test Bays
Bunker
Conditioning Chambers
TT-MW2-1
1980.88'
-0.41
T-Revetment Conditioning Chambers
Instrument Building
Propellant Burn Site
TT-MW2-4S
1937.15'
-0.38
TT-MW2-4D
1931.33'
0.24
Disposal Site
Historical Operational Area M Garbage Disposal Area
Homestead Area
Historical Operational Area L Propellant Burn Area
-0.06
TT-MW2-5
1874.01'
0.01
TT-MW2-6S
1874.08'
TT-MW2-6D
1873.29'
0.05

LEGEND

- Groundwater Monitoring Well Location with Elevation (feet msl)
- Piezometer Well Location with Elevation (feet msl)
- 0.22 Groundwater Elevation Increase *
- -0.20 Groundwater Elevation Decrease *
- Historical Operational Area Boundary
- Beaumont Site 2 Property Boundary

Note: msl - Mean sea level
* (feet) Compared to September 2006, Third Quarter Groundwater Elevations

0 500 1,000 Feet

Adapted from: April 2007 aerial photograph.

Beaumont Site 2

Figure 4-1

Changes in Groundwater Elevations November 2006, Fourth Quarter

TETRA TECH

December 2007

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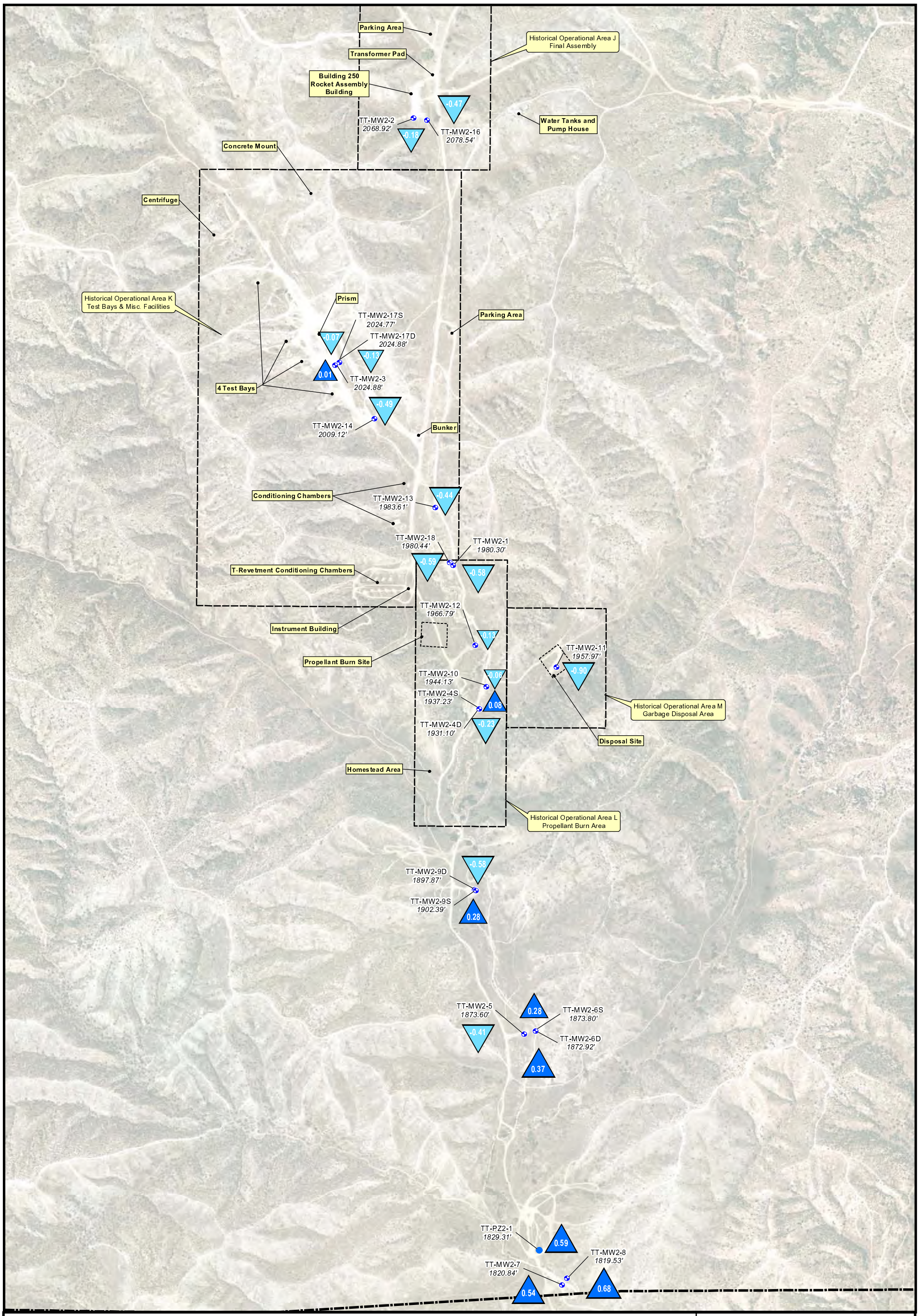

LEGEND

- Groundwater Monitoring Well Location with Elevation (feet msl)
- Piezometer Well Location with Elevation (feet msl)
- 0.22 — Groundwater Elevation Increase *
- 0.20 — Groundwater Elevation Decrease *
- Historical Operational Area Boundary
- Beaumont Site 2 Property Boundary

Note: msl - Mean sea level

* (feet) Compared to November 2006, Fourth Quarter Groundwater Elevations

0 500 1,000 Feet

Adapted from: April 2007 aerial photograph.

Beaumont Site 2

Figure 4-2

Changes in Groundwater Elevations March 2007, First Quarter

TETRA TECH

December 2007

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Parking Area
Historical Operational Area J Final Assembly
Transformer Pad
Building 250 Rocket Assembly Building
TT-MW2-16 2079.01'
Water Tanks and Pump House
Concrete Mount
Centrifuge
Historical Operational Area K Test Bays & Misc. Facilities
Prism
TT-MW2-17S 2024.84'
Parking Area
4 Test Bays
TT-MW2-14 2009.61'
Bunker
Conditioning Chambers
TT-MW2-13 1984.05'
TT-MW2-1 1980.88'
T-Revetment Conditioning Chambers
Instrument Building
TT-MW2-12 1966.92'
TT-MW2-11 1958.87'
Propellant Burn Site
TT-MW2-10 1944.19'
Historical Operational Area M Garbage Disposal Area
Disposal Site
Homestead Area
Historical Operational Area L Propellant Burn Area
TT-MW2-9S 1902.11'
TT-MW2-6S 1874.08'
TT-MW2-5 1874.01'
TT-PZ2-1 1828.72'
TT-MW2-8 1818.85'
TT-MW2-7 1820.30'

2300' 2200' 2100' 2060' 2040' 2020' 1980' 1960' 1940' 1920' 1900' 1880' 1860' 1840' 1820'

LEGEND

- Groundwater Monitoring Well Location with Elevation (feet msl)
- Piezometer Well Location with Elevation (feet msl)
- Former Historical Operational Area Boundary
- Beaumont Site 2 Property Boundary
- 2200' Topographic Contour (100-foot interval)
- Groundwater Flow Direction

Note: Beaumont Site 2 property boundary from Hillwig-Goodrow survey, May 2004.
20-foot groundwater contour interval.
Groundwater elevation in feet MSL.

0 500 1,000 Feet

Adapted from: April 2007 aerial photograph.

Beaumont Site 2

Figure 4-3

First Groundwater Contours November 2006, Fourth Quarter

TETRA TECH

December 2007

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Parking Area
Historical Operational Area J Final Assembly
Transformer Pad
Building 250 Rocket Assembly Building
TT-MW2-16 2079.01'
Water Tanks and Pump House
2300'
Concrete Mount
2300'
Centrifuge
2060'
2300'
Historical Operational Area K Test Bays & Misc. Facilities
2040'
Prism
Parking Area
TT-MW2-17S 2024.84'
2300'
2200'
2020'
2020'
4 Test Bays
2200'
TT-MW2-14 2009.61'
Bunker
2000'
Conditioning Chambers
TT-MW2-18 1981.03'
1980'
T-Revetment Conditioning Chambers
2100'
Instrument Building
1960'
2200'
Propellant Burn Site
Historical Operational Area M Garbage Disposal Area
1940'
TT-MW2-4S 1937.15'
Disposal Site
Historical Operational Area L Propellant Burn Area
Homestead Area
2200'
1920'
2200'
2200'
1900'
TT-MW2-9D 1898.45'
1880'
TT-MW2-6D 1873.29'
1900'

LEGEND

- Groundwater Monitoring Well Location with Elevation (feet msl)
- Piezometer Well Location with Elevation (feet msl)
- Former Historical Operational Area Boundary
- Beaumont Site 2 Property Boundary
- 2200' Topographic Contour (100-foot interval)
- Groundwater Flow Direction

Note: Beaumont Site 2 property boundary from Hillwig-Goodrow survey, May 2004.
20-foot groundwater contour interval.
Groundwater elevation in feet MSL.
Quaternary alluvium/Weathered San Timoteo Formation screened wells are not used for contouring.

0 500 1,000 Feet

Adapted from: April 2007 aerial photograph.

Beaumont Site 2

Figure 4-4
Groundwater Contours for San Timoteo Formation November 2006, Fourth Quarter

TETRA TECH
December 2007

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Parking Area
Historical Operational Area J Final Assembly
Transformer Pad
Building 250 Rocket Assembly Building
TT-MW2-16 2078.54'
Water Tanks and Pump House
2300'
Concrete Mount
2060'
Centrifuge
2300'
Historical Operational Area K Test Bays & Misc. Facilities
2040'
Prism
TT-MW2-17S 2024.77'
Parking Area
2300'
2020'
2200'
4 Test Bays
2020'
2200'
TT-MW2-14 2009.12'
2000'
Bunker
TT-MW2-13 1983.61'
Conditioning Chambers
TT-MW2-1 1980.30'
T-Revetment Conditioning Chambers
1980'
2100'
Instrument Building
TT-MW2-12 1966.79'
Disposal Site
2200'
1960'
Propellant Burn Site
1960'
TT-MW2-10 1944.13'
TT-MW2-11 1957.97'
1940'
Historical Operational Area M Garbage Disposal Area
2200'
Homestead Area
Historical Operational Area L Propellant Burn Area
1920'
2200'
2200'
TT-MW2-9S 1902.39'
1900'
1880'
TT-MW2-6S 1873.80'
TT-MW2-5 1873.60'
1860'
1900'
1840'
TT-PZ2-1 1829.31'
1820'
TT-MW2-8 1819.53'
TT-MW2-7 1820.84'

LEGEND

- Groundwater Monitoring Well Location with Elevation (feet msl)
- Piezometer Well Location with Elevation (feet msl)
- Former Historical Operational Area Boundary
- Beaumont Site 2 Property Boundary
- 2200' Topographic Contour (100-foot interval)
- Groundwater Flow Direction

Note: Beaumont Site 2 property boundary from Hillwig-Goodrow survey, May 2004.
20-foot groundwater contour interval.
Groundwater elevation in feet MSL.

0 500 1,000 Feet

Adapted from: April 2007 aerial photograph.

Beaumont Site 2

Figure 4-5

First Groundwater Contours March 2007, First Quarter

TETRA TECH

December 2007

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Parking Area
Historical Operational Area J Final Assembly
Transformer Pad
Building 250 Rocket Assembly Building
TT-MW2-16 2078.54'
Water Tanks and Pump House
2300'
2300'
Concrete Mount
2060'
Centrifuge
2300'
Historical Operational Area K Test Bays & Misc. Facilities
2040'
Prism
Parking Area
TT-MW2-17S 2024.77'
2300'
2200'
2020'
2020'
4 Test Bays
TT-MW2-14 2009.12'
2200'
Bunker
2000'
Conditioning Chambers
T-Revetment Conditioning Chambers
1980'
TT-MW2-18 1980.44'
2100'
Instrument Building
1960'
Disposal Site
2200
Propellant Burn Site
TT-MW2-10
1940'
TT-MW2-4S 1937.23'
Historical Operational Area M Garbage Disposal Area
2200'
Homestead Area
Historical Operational Area L Propellant Burn Area
1920'
2200'
2200'
1900'
TT-MW2-9D 1897.87'
1880'
TT-MW2-6D 1872.92'
1900'

LEGEND

- Groundwater Monitoring Well Location with Elevation (feet msl)
- Piezometer Well Location with Elevation (feet msl)
- Former Historical Operational Area Boundary
- Beaumont Site 2 Property Boundary
- 2200' Topographic Contour (100-foot interval)
- Groundwater Flow Direction

Note: Beaumont Site 2 property boundary from Hillwig-Goodrow survey, May 2004.
20-foot groundwater contour interval.
Groundwater elevation in feet MSL.
Quaternary alluvium/Weathered San Timoteo Formation screened wells are not used for contouring.

0 500 1,000 Feet

Adapted from: April 2007 aerial photograph.

Beaumont Site 2

Figure 4-6
Groundwater Contours for San Timoteo Formation March 2007, First Quarter

TETRA TECH
December 2007

Based on the Fourth Quarter 2006 and First Quarter 2007 groundwater levels measured in STF screened monitoring wells, it appears that deeper groundwater flow moves southward (down gradient, in terms of flow and topography, Figures 4-4 and 4-6). However, the wells screened in the STF form a relatively straight line southward, which limits assessing a more accurate groundwater flow direction.

4.3 GROUNDWATER GRADIENTS

Horizontal groundwater gradients calculated from the Fourth Quarter 2006 and the First Quarter 2007 groundwater monitoring events for the QAL/wSTF HSU between monitoring wells TT-MW2-1 and TT-MW2-7 (i.e., representing a flow path from the northern part of Area L to the southern Site boundary) indicated a gradient of 0.039 feet per foot. Groundwater gradients calculated from the Fourth Quarter 2006 and the First Quarter 2007 groundwater monitoring events for the STF HSU between monitoring wells TT-MW2-2 and TT-MW2-6D (i.e., representing a flow path from Area J to approximately 1,800 feet north of the southern Site boundary) indicated a horizontal gradient of 0.030 ft/ft. Horizontal Groundwater gradients calculated from the Fourth Quarter 2006 and the First Quarter 2007 groundwater monitoring events for the STF HSU between monitoring wells TT-MW2-17D and TT-MW2-18 (i.e., representing a flow path from the Prism area to Area L) indicated a gradient of 0.026 ft/ft.

Vertical groundwater gradients calculated from the Fourth Quarter 2006 groundwater monitoring event between STF screened shallow and deeper monitoring well pairs TT-MW2-2/TT-MW2-16, and TT-MW2-4S/TT-MW2-4D were -0.20 and -0.25 ft/ft, respectively. Vertical groundwater gradients calculated from the Fourth Quarter 2006 groundwater monitoring event between alluvium /wSTF and STF screened shallow and deeper monitoring well pairs TT-MW2-6S/TT-MW2-6D and TT-MW2-9S/TT-MW2-9D were -0.045 and -0.14 ft/ft, respectively.

Vertical groundwater gradients calculated from the First Quarter 2007 groundwater monitoring event between STF screened shallow and deeper monitoring well pairs TT-MW2-2/TT-MW2-16, TT-MW2-4S/TT-MW2-4D and TT-MW2-17S/TT-MW2-17D were -0.20, -0.011 and -0.25 ft/ft, respectively. Vertical groundwater gradients calculated from the First Quarter 2007 groundwater monitoring event between QAL/wSTF and STF screened shallow and deeper monitoring well pairs TT-MW2-1/TT-MW2-18, TT-MW2-6S/TT-MW2-6D and TT-MW2-9S/TT-MW2-9D were +0.004, -0.046 and -0.16 ft/ft, respectively.

It should be noted that well pairs TT-MW2-1/TT-MW2-18, TT-MW2-6S/TT-MW2-6D and TT-MW2-9S/TT-MW2-9D are screened in different HSUs. At this time, the degree of communication between the QAL/wSTF and the shallow portions of the STF in the vicinity of these wells appears limited. A summary of calculated horizontal and vertical groundwater gradients is presented in Appendix B.

4.4 ANALYTICAL DATA SUMMARY

Groundwater samples collected during the Fourth Quarter 2006 monitoring event were tested for VOCs and perchlorate. VOCs and perchlorate are potential contaminants of interest at the Site. As part of an ongoing screening for the presence of emerging contaminants, select wells were also tested for SVOCs, explosives [Royal Demolition Explosives (RDX)], 1,2,3-trichloropropane (1,2,3-TCP), NDMA, metals and general. Groundwater samples collected during the First Quarter 2007 monitoring event were tested for VOCs and perchlorate.

Summaries of validated laboratory analytical results for analytes detected above their respective MDLs during the monitoring events are presented in Tables 4-1, 4-2 and 4-3. A complete list of the analytes tested, along with validated sample results by analytical method, is provided in Appendix E. VOC and perchlorate sample results above the published MCL (federal or state, whichever is lower) or DWNL are bolded in Tables 4-1 and 4-2. Laboratory analytical data packages, which include all environmental, field QC, and laboratory QC results, are provided in Appendix F. A consolidated laboratory data summary table is presented in Appendix A.

4.4.1 Data Quality Review

The quality control samples were reviewed as described in the *Groundwater Monitoring Well Installation Work Plan* (Tetra Tech, 2006a). The data for the groundwater sampling activities were contained in four (4) analytical data packages (06K252, 06K268, 06K320, 06K341 and 07C163). The results for groundwater samples collected for analytical testing were reviewed using the latest versions of the *National Functional Guidelines for Organic and Inorganic Data Review* documents from the EPA (EPA, 1999 and 2004).

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 and compared to their control limits.

All the data reviewed (except as listed below) met quality control criteria and did not need any qualification. These data are of known precision and accuracy and may be used as stated.

The one (1) sample tested by method 160.1 for total dissolved solids was qualified as estimated for exceeding holding times. Method E314.0 for perchlorate had 3.1 % of its data qualified as estimated for exceeding holding times. The one (1) sample tested by method SW8270C for SVOCs was qualified as estimated for exceeding holding times. However, all of the holding time errors were minor and the data is usable for the intended purpose.

Table 4-1 Summary of Validated Organic Analytes - Fourth Quarter 2006 and First Quarter 2007
Beaumont Site 2

Sample Location	Sample Date	Benzene (ug/L)	Carbon Disulfide (ug/L)	Bromoform (ug/L)	Chloromethane (ug/L)	Dibromochloromethane (ug/L)	Methylene Chloride (ug/L)	RDX (ug/L)	Toluene (ug/L)	Trichloroethene (ug/L)	Meta, Para-Xylenes (ug/L)	Ortho-Xylene (ug/L)
TT-MW2-1	11/21/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
	11/28/06	NA	NA	NA	NA	NA	NA	**0.89** Jq	NA	NA	NA	NA
TT-MW2-2	11/21/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-3	11/20/06	<0.2	<0.2	0.31 Jq	<0.2	<0.2	<0.5	NA	<0.2	4.2	<0.5	<0.2
TT-MW2-4D	11/21/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-4S	11/21/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-5	11/29/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	0.62 Jq	<0.2	0.86 Jq	0.50 Jq
TT-MW2-6S	11/29/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	0.26 Jq	<0.2	0.96 Jq	0.46 Jq
TT-MW2-6D	11/29/06	<0.2	1.7	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-7	11/29/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
	03/14/07	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-8	11/29/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
	03/14/07	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-9S	11/29/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
	03/13/07	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-9D	11/29/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
	03/13/07	<0.2	0.58 Jq	<0.3	0.38 Jq	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-10	11/28/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	0.28 Jq	<0.2	<0.5	<0.2
	03/13/07	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-11	11/28/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	4.8	<0.5	<0.2
	03/13/07	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	4.7	<0.5	<0.2
TT-MW2-12	11/28/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	0.26 Jq	<0.2	<0.5	<0.2
	03/13/07	<0.2	0.24 Jq	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-13	11/28/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	0.20 Jq	<0.2	<0.5	<0.2
	03/13/07	<0.2	<0.2	0.34 Jq	<0.2	0.21 Jq	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-14	11/20/06	<0.2	<0.2	<0.3	<0.2	<0.2	**380**	<0.2	<0.2	<0.2	<0.5	<0.2
	03/14/07	<0.2	0.27 Jq	<0.3	<0.2	<0.2	**330**	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-16	11/28/06	0.22 Jq	<0.2	<0.3	<0.2	<0.2	<0.5	NA	0.29 Jq	<0.2	<0.5	<0.2
	03/13/07	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
TT-MW2-17S	11/20/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
	03/14/07	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	0.26 Jq	<0.2	<0.5	<0.2
TT-MW2-17D	11/20/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	<0.2	3.2	<0.5	<0.2
	03/14/07	<0.2	<0.2	<0.3	0.31 Jq	<0.2	<0.5	NA	<0.2	0.66 Jq	<0.5	<0.2
TT-MW2-18	11/28/06	<0.2	<0.2	<0.3	<0.2	<0.2	<0.5	NA	0.28 Jq	<0.2	<0.5	<0.2
	03/14/07	<0.2	0.22 Jq	<0.3	0.21 Jq	<0.2	<0.5	NA	<0.2	<0.2	<0.5	<0.2
Laboratory Reporting Limit		1	1	1	1	1	1	1	1	1	2	1
Method Detection Limit		0.2	0.2	0.3	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2
MCL (unless noted) / DWNL		1	160 (1)	80 [as Total Trihalomethanes (2)]			5	0.3 (1)	150	5	1750 (as Total Xylenes)	

Notes:

Only analytes positively detected in groundwater samples are presented in this table. For a complete list of constituents analyzed, refer to the laboratory data package.

Bold - Maximum Contaminant Level exceeded.

(1) - California Department of Health Services State Notification Level for drinking water

(2) - Considered as disinfection byproducts from potable water systems.

< # - Method detection limit concentration is shown.

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.

q - The analyte detection was below the Laboratory Reporting Limit.

Table 4-2 Summary of Validated Inorganic Analytes - Fourth Quarter 2006 and First Quarter 2007
Beaumont Site 2

Sample Location	Sample Date	Perchlorate (ug/L)	Barium (mg/L)	Nickel (mg/L)	Selenium (mg/L)	Thallium (mg/L)	Vanadium (mg/L)	Zinc (mg/L)
TT-MW2-1	11/21/06	**4930**	NA	NA	NA	NA	NA	NA
TT-MW2-2	11/21/06	<0.5	NA	NA	NA	NA	NA	NA
TT-MW2-3	11/20/06	**19900**	NA	NA	NA	NA	NA	NA
TT-MW2-4S	11/21/06	<0.5	NA	NA	NA	NA	NA	NA
TT-MW2-4D	11/21/06	<0.5	NA	NA	NA	NA	NA	NA
TT-MW2-5	11/29/06	**1070**	NA	NA	NA	NA	NA	NA
TT-MW2-6S	11/29/06	**304**	NA	NA	NA	NA	NA	NA
TT-MW2-6D	11/29/06	<0.5	NA	NA	NA	NA	NA	NA
TT-MW2-7	11/29/06	**408**	NA	NA	NA	NA	NA	NA
	03/14/07	**408**	NA	NA	NA	NA	NA	NA
TT-MW2-8	11/29/06	**398**	NA	NA	NA	NA	NA	NA
	03/14/07	**380**	NA	NA	NA	NA	NA	NA
TT-MW2-9S	11/29/06	**314**	NA	NA	NA	NA	NA	NA
	03/13/07	**206**	NA	NA	NA	NA	NA	NA
TT-MW2-9D	11/29/06	**21.3**	NA	NA	NA	NA	NA	NA
	03/13/07	**14.1**	NA	NA	NA	NA	NA	NA
TT-MW2-10	11/28/06	<0.5	NA	NA	NA	NA	NA	NA
	03/13/07	<0.5	NA	NA	NA	NA	NA	NA
TT-MW2-11	11/28/06	**195**	NA	NA	NA	NA	NA	NA
	03/13/07	**242**	NA	NA	NA	NA	NA	NA
TT-MW2-12	11/28/06	**9.98**	NA	NA	NA	NA	NA	NA
	03/13/07	<0.5	NA	NA	NA	NA	NA	NA
TT-MW2-13	11/28/06	**5540**	NA	NA	NA	NA	NA	NA
	03/13/07	**3890**	NA	NA	NA	NA	NA	NA
TT-MW2-14	11/20/06	**34800**	0.09	0.0103 Jq	0.0151	0.011 Bk	0.0155	0.0482 Jf
	03/14/07	**39900**	NA	NA	NA	NA	NA	NA
TT-MW2-16	11/28/06	4.94	NA	NA	NA	NA	NA	NA
	03/13/07	4.14	NA	NA	NA	NA	NA	NA
TT-MW2-17S	11/20/06	**5870**	NA	NA	NA	NA	NA	NA
	03/14/07	**4400**	NA	NA	NA	NA	NA	NA
TT-MW2-17D	11/20/06	**79300**	NA	NA	NA	NA	NA	NA
	03/14/07	**48300**	NA	NA	NA	NA	NA	NA
TT-MW2-18	11/28/06	**19700**	NA	NA	NA	NA	NA	NA
	03/14/07	**17000**	NA	NA	NA	NA	NA	NA
Laboratory Reporting Limit		2.00	0.0100	0.0200	0.0100	0.0100	0.0100	0.0100
Method Detection Limit		0.500	0.00200	0.0100	0.00500	0.00500	0.00500	0.00500
MCL (unless noted) / DWNL		6	1	0.1	0.05	0.002	0.05	5 (1)

Notes:

Only analytes positively detected in groundwater samples are presented in this table. For a complete list of constituents analyzed, refer to the laboratory data package. The results shown are from unfiltered groundwater samples.

Bold - MCL or DWNL exceeded.
(1) - California Department of Health Services State Notification Level for drinking water.
< # - Method detection limit concentration is shown.
Bk - The sample result is less than 5 times the corresponding equipment or trip 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.
f - The duplicates samples relative percent difference was outside the control limit.
J - The analyte was positively identified and the result is usable; however, the analyte concentration is an estimated value.
MCL - Maximum Contaminant Level.
NA - Not analyzed.
µg/L - Micrograms per liter.
q - The analyte detection was below the laboratory reporting limit.
mg/L - Milligrams per liter.

Table 4-3 General Mineral Concentrations for Well TT-MW2-14 - Fourth Quarter 2006
Beaumont Site 2

Sample Location	Sample Date	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/L)	Total Dissolved Solids (mg/L)	Chloride (mg/L)	Nitrate (mg/L) (1)	Sulfate (mg/L)	Bicarbonate (mg/L) (2)	Carbonate (mg/L) (2)
TT-MW2-14	11/20/06	79.3	9.09	2.93	341	1130 Je	397	12.5	68.1	190	190
Laboratory Reporting Limit		1.00	1.00	2.00	1.00	10.0	20.0	1.00	5.00	5.00	5.00
Method Detection Limit		0.100	0.100	1.00	0.250	5.0	10.0	0.500	2.50	0.100	0.100

Notes:

Only analytes positively detected in groundwater samples are presented in this table. For a complete list of constituents analyzed, refer to the laboratory data package.

(1) - As nitrogen (N).

(2) - As calcium carbonate (CaCO3).

Je - The analyte was positively identified and the result is usable; however, the analyte concentration is an estimated value.

mg/L - Milligrams per liter.

Method SW6010B for metals had matrix spike recovery outside control limits and caused 0.6 % of the data to be qualified as estimated. Field duplicate error caused 0.6% of the data to be qualified as estimated. The data qualified as estimated is usable for the intended purpose.

Method SW6010B for metals had 0.6 % of its data qualified for equipment blank contamination. Samples TT-MW2-14 and TT-MW2-114 had thallium qualified for blank contamination. Sample detections qualified for blank contamination are considered not to have originated from the native sample since cross-contamination is likely.

The qualifier Jq signifies that the analyte was positively identified and the result is useable but that the concentration is an estimated value between the practical quantification limit and the method detection limit.

4.5 CHEMICALS OF POTENTIAL CONCERN

COPCs are evaluated annually as part of the Summer monitoring event. Because a significant number of new wells have been installed and are being monitoring quarterly for their first year after installation, COPCs will be evaluated at this time as well. The results were screened against the MCLs or DWNLs (if an MCL is not established). The analytes were organized and evaluated in two (2) groups, organic and inorganic analytes, and divided into primary and secondary COPC. Laboratory analytical results from the Fourth Quarter 2006 and First Quarter 2007 monitoring events are presented in the following two (2) subsections. Table 4-4 presents a summary of validated organic and inorganic analytes detected during the monitoring events. Data B qualified because of its association with either laboratory of field contamination are not included in the COPC evaluation. Trend analysis were not performed, they will be performed annually as part of the Summer monitoring event.

4.5.1 Organic Analytes

Two (2) organic analytes (RDX and methylene chloride) were detected above a published MCL or DWNL. TCE is also included in the COPC analysis because of historical detections of TCE at concentrations exceeding the MCL. 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 4-4 presents a summary of validated organic analyte concentrations reported in groundwater samples collected during the Fourth Quarter 2006 and First Quarter 2007 groundwater monitoring events.

Previously, during the Second Quarter 2006 groundwater monitoring event, RDX was reported in the groundwater sample collected from well TT-MW2-1 at a concentration of 1.6 µg/L. As a result, RDX was analyzed for in the groundwater sample collected from monitoring well TT-MW2-1 during the

Table 4-4 Summary Statistics of Validated Organic and Inorganic Analytes Detected - Fourth Quarter 2006 and First Quarter 2007
Beaumont Site 2

Fourth Quarter 2006						
Compounds 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**
Organic Analytes:						
Benzene	21	1	0	1 ug/L	0.22 ug/L Jq	0.22 ug/L Jq
Carbon Disulfide	21	1	0	160 ug/L (3)	1.7 ug/L	1.7 ug/L
Bromoform	21	1	0	80 ug/L (4)	0.31 ug/L Jq	0.31 ug/L Jq
Methylene Chloride	21	1	0	5 ug/L	380 ug/L	380 ug/L
RDX	2	1	1	0.3 ug/L (3)	0.89 ug/L Jq	0.89 ug/L Jq
Toluene	21	7	0	150 ug/L	0.20 ug/L Jq	0.62 ug/L Jq
Trichloroethene	21	3	0	5 ug/L	3.2 ug/L	4.8 ug/L
Meta, Para-Xylenes	21	2	0	1750 ug/L	0.86 ug/L Jq	0.96 ug/L Jq
Ortho-Xylene	21	2	0	1750 ug/L	0.46 ug/L Jq	0.50 ug/L Jq
Inorganic Analytes (2)**:**						
Perchlorate	21	16	15	6 ug/L	4.94 ug/L	79300 ug/L
Barium	1	1	0	1 mg/L	0.09 mg/L Jq	0.09 mg/L Jq
Nickel	1	1	0	0.1 mg/L	0.0103 mg/L	0.0103 mg/L
Selenium	1	1	0	0.05 mg/L	0.0151 mg/L	0.0151 mg/L
Vanadium	1	1	0	0.05 mg/L (3)	0.0155 mg/L	0.0155 mg/L
Zinc	1	1	0	5 mg/L (3)	0.0482 mg/L Jf	0.0482 mg/L Jf

First Quarter 2007						
Compounds 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**
Organic Analytes:						
Carbon Disulfide	13	4	0	160 ug/L	0.22 ug/L Jq	0.58 ug/L Jq
Bromoform	13	1	0	80 ug/L (4)	0.34 ug/L Jq	0.34 ug/L Jq
Chloromethane	13	3	0	80 ug/L (4)	0.21 ug/L Jq	0.38 ug/L Jq
Dibromochloromethane	13	1	0	80 ug/L (4)	0.21 ug/L Jq	0.21 ug/L Jq
Methylene Chloride	13	1	0	5 ug/L	330 ug/L	330 ug/L
Toluene	13	1	0	150 ug/L	0.26 ug/L Jq	0.26 ug/L Jq
Trichloroethene	13	2	0	5 ug/L	0.66 ug/L Jq	4.7 ug/L
Inorganic Analyte (2)**:**						
Perchlorate	13	11	10	6 ug/L	4.14 ug/L	48300 ug/L

Notes:

Only analytes positively detected in groundwater or surface water samples are presented in this table. For a complete list of constituents analyzed, refer to the laboratory data package.

(1) - Number of detections exclude sample duplicates, trip blanks, equipment blanks and general mineral results.
(2) - Unfiltered results are utilized for Title 22 metals.
(3) - California Department of Health Services state drinking water notification level.
(4) - Concentration represents total trihalomethanes.
(5) - Concentration represents total xylenes.
DWNL - California Department of Health Services state drinking water notification level.
f - The duplicates samples relative percent difference was outside the control limit.
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.
q - The analyte detection was below the laboratory reporting limit.

Fourth Quarter 2006 monitoring event. RDX was reported at a concentration of 0.89 µg/L, which exceeds the RDX DWNL of 0.3 µg/L.

Methylene chloride was reported in groundwater samples collected from newly installed well TT-MW2-14 during the Fourth Quarter 2006 and First Quarter 2007 monitoring events at concentrations of 380 and 330 µg/L, respectively. The methylene chloride MCL is 5 µg/L.

TCE was reported in groundwater samples collected from three (3) monitoring well locations sampled during the Fourth Quarter 2006 and First Quarter 2007 monitoring events at concentrations ranging to 4.8 µg/L. The TCE MCL is 5 µg/L. TCE was detected in the groundwater samples collected from wells TT-MW2-3, TT-MW2-17D, and TT-MW2-11. TCE was not been reported in any of the other groundwater samples collected. Figures 4-7 and 4-8 presents groundwater sampling analytical results for TCE concentrations reported for the Fourth Quarter 2006 and First Quarter 2007 monitoring events, respectively. Time-series graphs of TCE are provided in Appendix G.

Other organic analytes detected at low levels and below their respective MCL or DWNL during the Fourth Quarter 2006 and First Quarter 2007 groundwater monitoring events were benzene, carbon disulfide, bromoform, chloromethane, dibromochloromethane, toluene, ortho-xylene and meta/para-xylene. None of them exceeded the MCLs or DWNLs and generally they were not detected consistently from monitoring event to event.

4.5.2 Organic COPC

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 relatively 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 (through sampling and analysis) and the results evaluated.

While RDX is not considered a contaminant of interest at the Site, these low level concentrations detected in the groundwater sampled from well TT-MW2-1 will continue to be monitored and the results evaluated.

Previous groundwater monitoring events reported methylene chloride at low levels (less than 5 µg/L), but its presence has been associated with field and/or method blank contamination. While the methylene chloride concentration is higher than previous detections, the isolated presence is not believed to be representative of actual groundwater conditions encountered. The methylene chloride could have resulted

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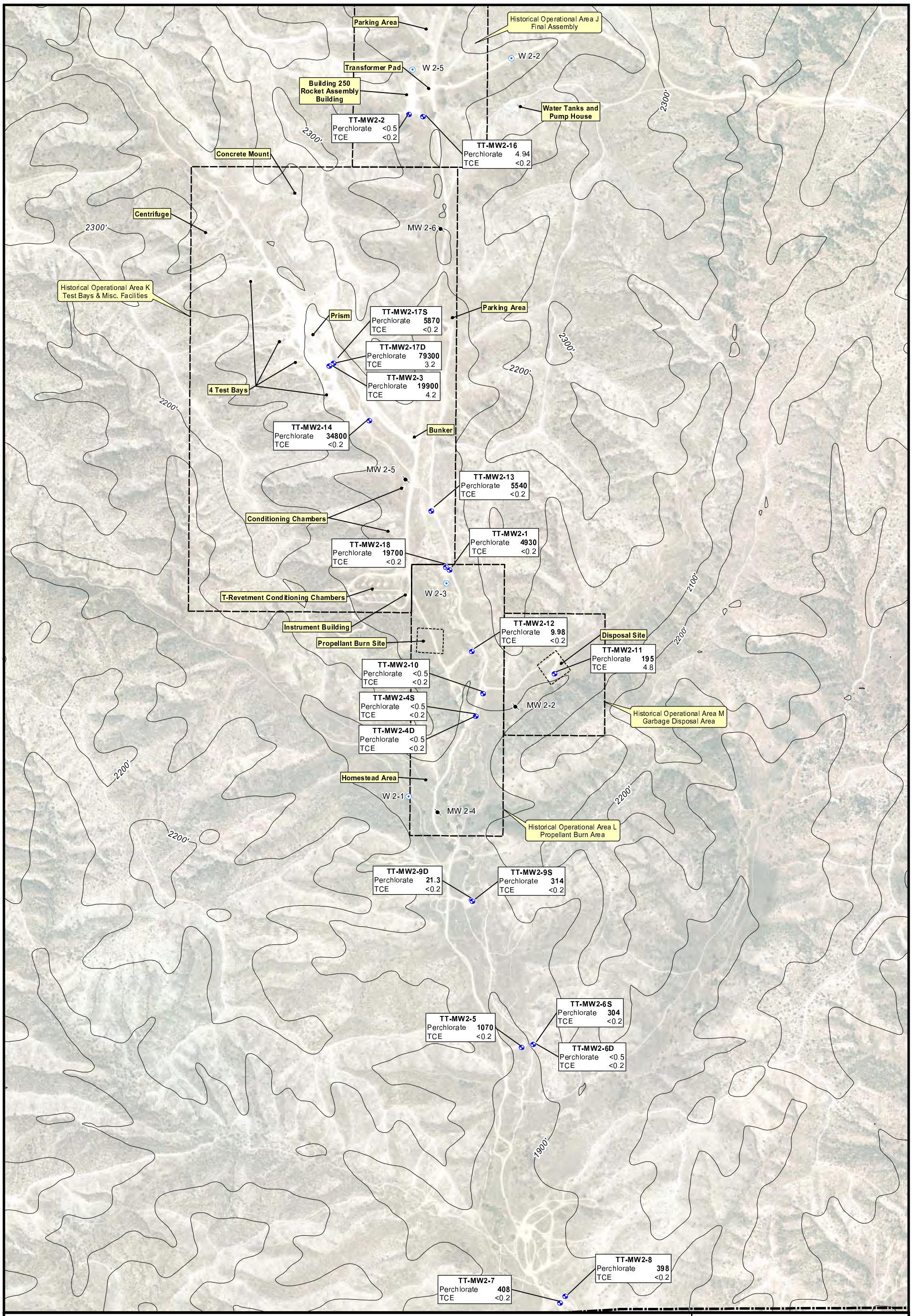


LEGEND

- Groundwater Monitoring Well Location
- Inactive Production Well Location
- Destroyed Monitoring Well Location
- Beaumont Site 2 Property Boundary
- Historical Operational Area Boundary
- 2200' Topographic Contour (100-foot interval)

Note:
- Beaumont Site 2 property boundary from Hillwig-Goodrow survey, May 2004.
- Depths are below ground surface.
- Bold indicates corresponding MCL exceeded.
- Concentrations shown are in micrograms per liter (µg/L)
- (374) Concentration in parenthesis is from resampling event.
- MCL - Maximum Contaminant Level

0 500 1,000 Feet

Adapted from: April 2007 aerial photograph.

Beaumont Site 2

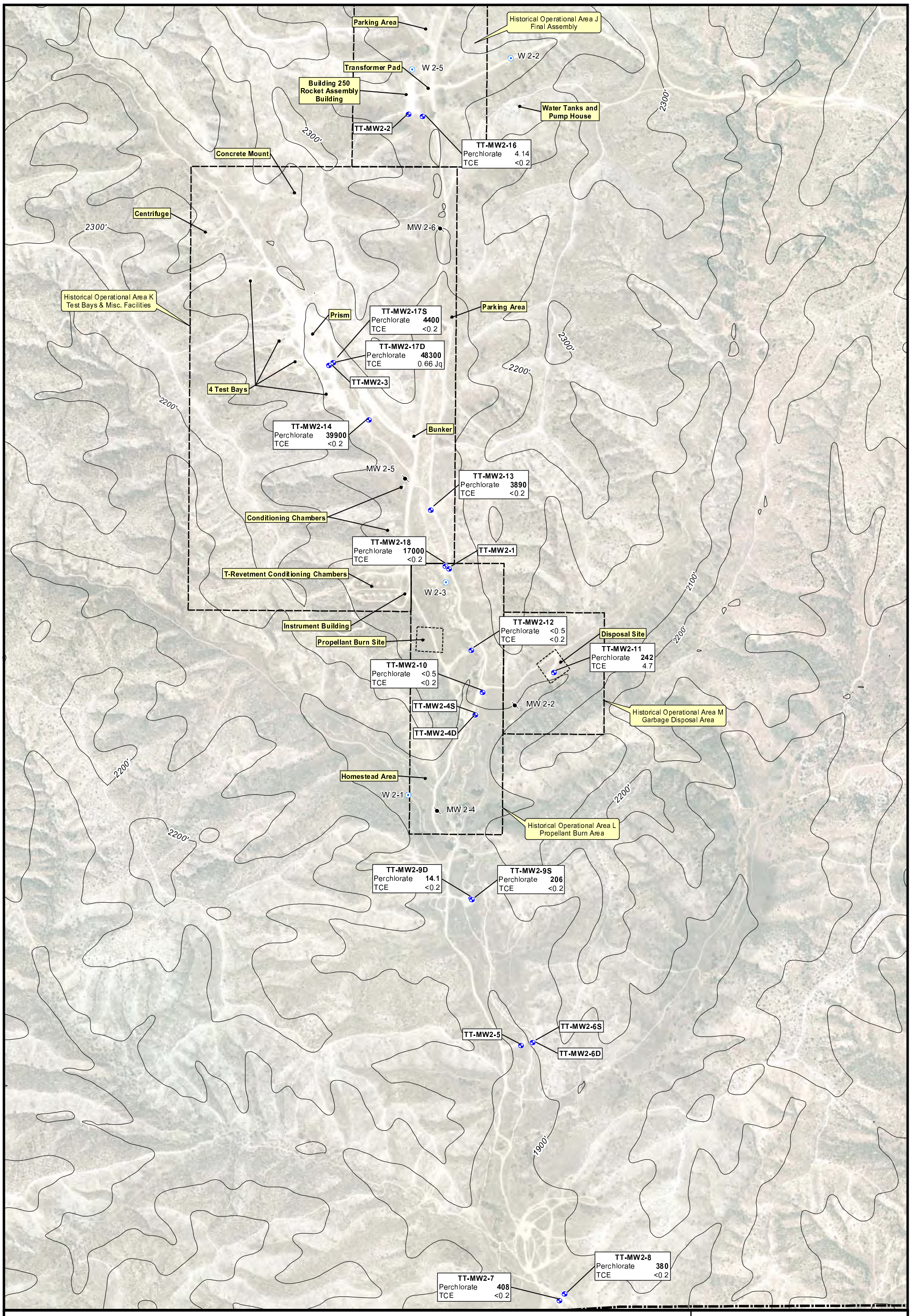
Figure 4-7

Perchlorate and TCE Concentrations Fourth Quarter 2006 (µg/L)

TETRA TECH

December 2007

X:\GIS\LOCKHEED 19524-03\SEPTEMBERIQ1_PERCHLORATE-TCE.MXD



LEGEND

- Groundwater Monitoring Well Location
- Inactive Production Well Location
- Destroyed Monitoring Well Location
- Beaumont Site 2 Property Boundary
- Historical Operational Area Boundary
- 2200' Topographic Contour (100-foot interval)

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

Depths are below ground surface.

Bold indicates corresponding MCL exceeded.

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

(374) Concentration in parenthesis is from resampling event.

MCL - Maximum Contaminant Level

0 500 1,000 Feet

Adapted from: April 2007 aerial photograph.

J - The analyte was positively identified and the results usuable; however, the analyte concentration is an estimated value.

q - The analyte detection was below the laboratory reporting limit.

Beaumont Site 2

Figure 4-8

Perchlorate and TCE Concentrations First Quarter 2007 (µg/L)

TETRA TECH

December 2007

from some type of undetected lab or field type of cross-contamination. At this time, methylene chloride will not be considered a COPC. Subsequent sampling of this well should provide additional data as to whether the presence of this compound is representative of actual groundwater conditions encountered. Possible sources or causes of the methylene chloride reported in groundwater samples collected from well TT-MW2-14 will be examined and based on these results, the COPC status of methylene chloride evaluated.

4.5.3 Inorganic Analytes

One (1) inorganic analyte (perchlorate) was detected above a published MCL. Table 4-2 presents a summary of validated inorganic analyte concentrations reported in groundwater samples collected during the Fourth Quarter 2006 and First Quarter 2007 groundwater monitoring events. While thallium was also reported at a concentration above the MCL the thallium results were B qualified and not included in this discussion.

Perchlorate was reported in groundwater samples collected from 16 of 21 locations sampled during the Fourth Quarter 2006 groundwater monitoring event and 11 of 13 locations sampled during the First Quarter 2007 monitoring event, at concentrations ranging to 79,300 and 48,300 µg/L, respectively. The MCL of perchlorate is 6 µg/L. During these events, the highest concentrations of perchlorate were detected in groundwater samples collected from monitoring well TT-MW2-17D, located in Area K.

Figure 4-2 presents groundwater sampling analytical results for perchlorate concentrations reported for the Fourth Quarter 2006 monitoring event. Figure 4-8 presents groundwater sampling analytical results for perchlorate concentrations reported for the First Quarter 2007 monitoring event. Time-series graphs of perchlorate are provided in Appendix G.

4.5.4 Inorganic COPC

Based on the analysis above and the concentrations detected during previous groundwater monitoring events (Table 2-4), 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.

4.6 GENERAL MINERALS

As part of the initial groundwater sampling activities of well TT-MW2-14 groundwater samples were collected for general mineral analysis (Table 4-3) to help continue the identification of different hydrogeologic regimes between the QAL/wSTF and STF HSUs. Previously, calcium, magnesium, potassium, sodium, chloride, nitrate, and, therefore, total dissolved solids were detected at higher

concentrations in the wells completed in the QAL/wSTF and carbonate was higher in the wells completed in the STF (Tetra Tech, 2005 and 2007a).

In general, cation and total dissolved solids concentrations were similar to those previously collected from wells completed in the QAL/wSTF. However, chloride and nitrate concentrations are higher than similar screened QAL/wSTF wells. Given that TT-MW2-14, was one of the most recently installed and sampled wells, the representative concentrations of some anions may have been biased by the recently completed well installation activities. General water chemistry in all of the new wells will be evaluated after the wells have had time to equilibrate.

4.7 HABITAT CONSERVATION

Consistent with the U.S. Fish and Wildlife Service approved HCP (USFWS, 2005) and subsequent clarifications (LMC, 2006a and 2006b) of the HCP 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 Fourth Quarter 2006 and First Quarter 2007 monitoring events.

5.0 SUMMARY AND CONCLUSIONS

These subsections summarize the results of the Fourth Quarter 2006 and First Quarter 2007 groundwater monitoring events, during which 21 monitoring well locations and one piezometer were measured for groundwater levels and 21 monitoring wells were sampled for groundwater quality.

5.1 GROUNDWATER ELEVATION AND FLOW

During the Fourth Quarter 2006 and First Quarter 2007 monitoring events, depth to water at the Site ranged from approximately 56 feet bgs (elevation of 2,079 feet msl) up gradient in the northern most well to 15 feet bgs (elevation of 1,819 feet msl) down gradient in the southern most well.

Based on the measured groundwater elevations, the current CSM, and the southward sloping topography at the Site, groundwater flow in the QAL/wSTF and STF HSUs 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.

5.1.1 Groundwater Gradients

Horizontal groundwater gradients calculated through Laborde Canyon from the Fourth Quarter 2006 and First Quarter 2007 groundwater monitoring events for the QAL/wSTF HSU were 0.039 ft/ft and for the STF HSU were 0.030 ft/ft. Groundwater gradients calculated from the Fourth Quarter 2006 and the First Quarter 2007 groundwater monitoring events for the STF HSU between monitoring wells TT-MW2-17D and TT-MW2-18 (i.e., representing a flow path from the Prism area to Area L) indicated a horizontal gradient of 0.026 ft/ft.

Vertical groundwater gradients calculated from the Fourth Quarter 2006 groundwater monitoring event between STF screened shallow and deeper monitoring well pairs TT-MW2-2/TT-MW2-16, and TT-MW2-4S/TT-MW2-4D were -0.20 and -0.25 ft/ft, respectively. Vertical groundwater gradients calculated from the Fourth Quarter 2006 groundwater monitoring event between QAL/wSTF and STF screened shallow and deeper monitoring well pairs TT-MW2-6S/TT-MW2-6D and TT-MW2-9S/TT-MW2-9D were -0.045 and -0.14 ft/ft, respectively.

Vertical groundwater gradients calculated from the First Quarter 2007 groundwater monitoring event between STF screened shallow and deeper monitoring well pairs TT-MW2-2/TT-MW2-16, TT-MW2-

4S/TT-MW2-4D and TT-MW2-17S/TT-MW2-17D were -0.20, -0.011 and -0.25 ft/ft, respectively. Vertical groundwater gradients calculated from the First Quarter 2007 groundwater monitoring event between QAL/wSTF and STF screened shallow and deeper monitoring well pairs TT-MW2-1/TT-MW2-18, TT-MW2-6S/TT-MW2-6D and TT-MW2-9S/TT-MW2-9D were +0.004, -0.046 and -0.16 ft/ft.

5.2 WATER QUALITY MONITORING

Groundwater samples collected during the Fourth Quarter 2006 monitoring event were tested for VOCs and perchlorate. A select well was tested for SVOCs, explosives (i.e., RDX), 1,2,3- TCP, NDMA, metals and general minerals. Groundwater samples collected during the First Quarter 2007 monitoring event were tested for VOCs and perchlorate. Based on the historical operations at the Site and groundwater monitoring results, perchlorate was identified as a primary COPC and TCE was identified as a secondary COPC at the Site.

Fourth Quarter 2006 and First Quarter 2007 groundwater samplings results showed perchlorate, RDX, and methylene chloride were detected above an MCL or DWNL. Perchlorate was reported in groundwater samples collected from 16 of 21 and 11 of 13 locations sampled during the Fourth Quarter 2006 and First Quarter 2007 monitoring events, respectively. During the Fourth Quarter 2006 monitoring event, perchlorate was reported in groundwater samples collected ranging from 4.94 to 79,300 µg/L and the perchlorate MCL of 6 µg/L was exceeded in 15 of the 21 groundwater samples collected. During the First Quarter 2007 monitoring event, perchlorate was reported in groundwater samples collected ranging from 4.14 to 48,300 µg/L and the perchlorate MCL of 6 µg/L was exceeded in 10 of the 13 groundwater samples collected. The highest concentrations of perchlorate were detected in groundwater samples collected from monitoring wells TT-MW2-14 and TT-MW2-17D, located in Area K.

TCE was reported in groundwater samples collected from monitoring wells TT-MW2-3, TT-MW2-11 and TT-MW2-17D sampled during the First Quarter 2007 monitoring event at concentrations of 4.2, 4.8 and 3.2 µg/L, respectively. The TCE MCL is 5 µg/L. TCE was reported in groundwater samples collected from monitoring wells TT-MW2-11 and TT-MW2-17D sampled during the First Quarter 2007 monitoring event at concentrations of 4.7 and 0.66 µg/L, respectively.

Previously, during the Second Quarter 2006 groundwater monitoring event, RDX was reported in the groundwater sample collected from well TT-MW2-1, and as a result, RDX was analyzed for in the groundwater sample collected from monitoring well TT-MW2-1 during the Fourth Quarter 2006 monitoring event. RDX was reported in the groundwater sample collected at a concentration of 0.89 µg/L, which exceeds the RDX DWNL of 0.3 µg/L. RDX was initially tested for as part of a screening for emerging contaminants. The recent detection confirms the earlier test results.

Methylene chloride was reported in groundwater samples collected from well TT-MW2-14 during the Fourth Quarter 2006 and First Quarter 2007 monitoring events at concentrations of 380 and 330 µg/L, respectively. The methylene chloride MCL is 5 µg/L. The detection of methylene chloride above the MCL appears inconsistent with historical groundwater sampling results for the Site, however these repeated detections of methylene chloride in the groundwater samples collected do not appear to be spurious or related to undetected laboratory cross contamination.

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. RDX and other VOCs will be further evaluated during the coming monitoring events.

5.3 GROUNDWATER MONITORING PROGRAM AND THE GROUNDWATER QUALITY MONITORING NETWORK

Ten (10) 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-TCP and hexavalent chromium has also been performed. A groundwater monitoring sampling and analysis plan (SAP) was prepared to optimize and better define the GMP at the Site (Tetra Tech, 2007b). In concurrence with the DTSC, groundwater monitoring will be performed in accordance with the SAP.

As discussed in the SAP, 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 well TT-MW2-1, sampling for RDX will continue to be conducted in well TT-MW2-1 and will be tested for in the nearest wells located up and down gradient of this well. Because perchlorate and TCE are considered COPCs, these two analytes will continue to be monitored for in all wells routinely.

The analytical scheme will be evaluated annually and proposed changes will be presented to accommodate expanded Site knowledge or changing Site conditions. The classifications of the wells in the network and the corresponding sampling frequency will also be evaluated annually and modified to accommodate expanded Site knowledge or changing Site conditions.

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7.0 ACRONYMS

ARCH	air rotary casing hammer
bgs	below ground surface
btoc	below top of casing
BOS	bottom of screen
CDHS	California Department of Health Services
COPC	chemical(s) of potential concern
CSM	Conceptual Site Model
DTSC	Department of Toxic Substances Control
DWNL	drinking water notification level
EC	electrical conductivity
EPA	United States Environmental Protection Agency
ft/ft	feet per foot
ft/day	feet per day
GCR	Grand Central Rocket Company
GMP	Groundwater Monitoring Program
HCP	Habitat Conservation Plan
HSA	hollow stem auger
HSUs	hydrostratigraphic units
K	hydraulic conductivity.
LAC	Lockheed Aircraft Corporation
LEBs	Lockheed equipment blanks
LMC	Lockheed Martin Corporation
LPC	Lockheed Propulsion Company
MDLs	method detection limits
LTBs	Lockheed trip blanks
M	monitoring well
MCLs	maximum contaminant levels
mg/L	milligrams per liter

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
P	production well
PVC	polyvinyl chloride
PZ	piezometer
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
1,2,3-TCP	1,2,3-trichloropropane
TOC	top of casing
TOS	top of screen
Unk.	unknown
u-DMH	unsymmetrical dimethyl hydrazine
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

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

Sample Location	Water Level Data					Wet Chemistry										Metals				
	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Alkalinity, Total (as CaCO3) -mg/L	Bicarbonate (as CaCO3) -mg/L	Carbonate (as CaCO3) -mg/L	Carbonate (as CaCO3) -mg/L	Chloride -mg/L	Dissolved Solids -mg/L	Nitrate as N -mg/L	Perchlorate -ug/L	Sulfate -mg/L	Solids, Total Dissolved -mg/L	Arsenic -mg/L	Antimony -mg/L	Barium -mg/L	Beryllium -mg/L	Calcium -mg/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered								3500			<0.00308	<0.00209	0.220	<0.000176	
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered								7100			<0.00308	<0.00209	0.0933	<0.000176	
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Unfiltered		200		<0.85	180	620	9.3	2400	44 Bk		<0.00308	<0.00209	0.209	<0.000176	79.4
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Filtered											<0.00308	<0.00209	0.132	<0.000176	
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Unfiltered		180	<0.85		160		8.7	3000	44 Bk	640	<0.00308	<0.00209	0.133	<0.000176	62.0
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Filtered											<0.00308	<0.00209	0.125	<0.000176	
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Unfiltered								3500			<0.00308	<0.00209	0.135	<0.000176	
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Filtered											<0.00308	<0.00209	0.132	<0.000176	
TT-MW2-1	50.54	1982.36	03/09/06	3/16/2006	Unfiltered								4200							
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered								4500			<0.00308			<0.000176	
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Filtered											<0.00308			<0.000176	
TT-MW2-1	51.78	1981.12	10/02/06	10/2/2006	Unfiltered								4850							
TT-MW2-1	52.02	1980.88	11/20/06	11/21/2006	Unfiltered								4930							
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered								<0.46			<0.00308	<0.00209	0.0299	<0.000176	
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered								<0.46			<0.00308	<0.00209	0.0266	<0.000176	
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Unfiltered		130		16	44	440	<0.028	<0.59	92 Bk		<0.00308	<0.00209	0.0107	<0.000176	10.1
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Filtered											<0.00308	<0.00209	0.0433	<0.000176	
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Unfiltered		130	4.0		47		<0.028	<0.59	39 Bk	290	<0.00308	<0.00209	0.0128	<0.000176	7.48
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Filtered											<0.00308	<0.00209	<0.000719	<0.000176	
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Unfiltered								<0.59			0.00576 Jq	<0.00209	0.0299	0.000661 BJkq	
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Filtered											0.00554 Jq	<0.00209	0.00745 Jq	<0.000176	
TT-MW2-2	66.10	2069.63	03/09/06	3/16/2006	Unfiltered								<0.59							
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Unfiltered								<0.43			0.00406 Jq			<0.000176	
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Filtered											0.00505 Jq			<0.000176	
TT-MW2-2	66.52	2069.21	10/02/06	10/2/2006	Unfiltered								<0.5							
TT-MW2-2	66.63	2069.10	11/20/06	11/21/2006	Unfiltered								<0.5							
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered								1300			<0.00308	<0.00209	0.112	<0.000176	
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered								740			<0.00308	<0.00209	0.0974	<0.000176	
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Unfiltered		90		<0.85	270	800	12 Je	53000	51 Bk		<0.00308	<0.00209	0.145	<0.000176	93.2
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Filtered											<0.00308	<0.00209	0.138	<0.000176	
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Unfiltered		86	<0.85		290		12	68000	51 Bk	720	<0.00308	<0.00209	0.120	<0.000176	87.3
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Filtered											<0.00308	<0.00209	0.104	<0.000176	
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Unfiltered								65000			<0.00308	<0.00209	0.105	<0.000176	
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Filtered											<0.00308	<0.00209	0.0988	<0.000176	
TT-MW2-3	66.47	2025.63	03/09/06	3/16/2006	Unfiltered								68000							

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

Sample Location	Water Level Data			Sample Date	Filter Status	Metals									
	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date			Cadmium -mg/L	Cobalt -mg/L	Chromium -mg/L	Chromium, Hexavalent -ug/L	Copper -mg/L	Lead -mg/L	Magnesium -mg/L	Mercury -mg/L	Molybdenum -mg/L	Nickel -mg/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<0.000350	0.00591	0.0172		0.0129	<0.00236		<0.0000672	0.00521	0.0120
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	0.00736	<0.00137
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Unfiltered	<0.000350	0.00634	0.0209		0.0112	<0.00236	16.9	<0.0000672	<0.000800	0.0144
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Filtered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236			<0.000800	<0.00137
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Unfiltered	<0.000350	<0.000696	0.00557		0.00600	<0.00236	11.1	<0.0000672	<0.000800	<0.00137
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Filtered	<0.000350	<0.000696	0.00506		<0.00134	<0.00236		<0.0000672	<0.000800	<0.00137
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Unfiltered	<0.000350	<0.000696	0.00461 Jq		<0.00134	<0.00236		<0.0000672	<0.000800	<0.00137
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Filtered	<0.000350	<0.000696	0.00280 Jq		<0.00134	<0.00236		<0.0000672	<0.000800	<0.00137
TT-MW2-1	50.54	1982.36	03/09/06	3/16/2006	Unfiltered										
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	<0.000350			2.9		<0.00236				
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Filtered	<0.000350					<0.00236				
TT-MW2-1	51.78	1981.12	10/02/06	10/2/2006	Unfiltered										
TT-MW2-1	52.02	1980.88	11/20/06	11/21/2006	Unfiltered										
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	<0.000800	<0.00137
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	<0.000800	<0.00137
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Unfiltered	<0.000350	<0.000696	0.00893 Bk		<0.00134	<0.00236	1.79 Jc	<0.0000672	<0.000800	<0.00137
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Filtered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236			<0.000800	<0.00137
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Unfiltered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236	1.07	<0.0000672	<0.000800	<0.00137
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Filtered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	<0.000800	<0.00137
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Unfiltered	<0.000350	0.00152 Jq	0.00192 Jq		0.00200 Jq	0.00327 Jq		<0.0000672	<0.000800	0.00292 Jq
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Filtered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	0.00154 BJakq	<0.00137
TT-MW2-2	66.10	2069.63	03/09/06	3/16/2006	Unfiltered										
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Unfiltered	<0.000350					<0.00236				
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Filtered	<0.000350					0.00278 Jq				
TT-MW2-2	66.52	2069.21	10/02/06	10/2/2006	Unfiltered										
TT-MW2-2	66.63	2069.10	11/20/06	11/21/2006	Unfiltered										
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<0.000350	<0.000696	0.00656		0.00501	<0.00236		<0.0000672	<0.000800	<0.00137
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	<0.000800	<0.00137
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Unfiltered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236	12.9	<0.0000672	<0.000800	<0.00137
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Filtered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236			<0.000800	<0.00137
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Unfiltered	<0.000350	<0.000696	0.00563		0.00514 Jf	<0.00236	13.8	<0.0000672	<0.000800	<0.00137
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Filtered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	<0.000800	<0.00137
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Unfiltered	<0.000350	<0.000696	0.00118 Jq		<0.00134	<0.00236		<0.0000672	<0.000800	<0.00137
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Filtered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	<0.000800	<0.00137
TT-MW2-3	66.47	2025.63	03/09/06	3/16/2006	Unfiltered										

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Metals						
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Potassium -mg/L	Silver -mg/L	Selenium -mg/L	Sodium -mg/L	Thallium -mg/L	Vanadium -mg/L	Zinc -mg/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered		<0.000400	<0.00295		<0.00233	0.0288	0.0460
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered		<0.000400	<0.00295		<0.00233	0.00626	0.0334
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Unfiltered	3.51	<0.000400	<0.00295	173	<0.00233	0.0257	0.0388 Bk
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Filtered		<0.000400	<0.00295		<0.00233	<0.000314	<0.000848
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Unfiltered	2.42	<0.000400	<0.00295	169	<0.00233	0.00528	0.0149 Bk
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Filtered		<0.000400	<0.00295		<0.00233	<0.000314	0.0125 Bk
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Unfiltered		<0.000400	0.00441 BJkq		0.0143 BJaq	0.00423 Jq	0.00780 Jq
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Filtered		<0.000400	0.0264 Bk		0.00779 BJaq	0.00415 Jq	<0.000848
TT-MW2-1	50.54	1982.36	03/09/06	3/16/2006	Unfiltered							
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered							
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Filtered							
TT-MW2-1	51.78	1981.12	10/02/06	10/2/2006	Unfiltered							
TT-MW2-1	52.02	1980.88	11/20/06	11/21/2006	Unfiltered							
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered		<0.000400	<0.00295		<0.00233	0.0166	0.0228
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered		<0.000400	<0.00295		<0.00233	0.0131	0.0179 Jf
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Unfiltered	1.22	0.00749 Bk	<0.00295	129	<0.00233	0.0109	0.0188 Jc
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Filtered		<0.000400	<0.00295		<0.00233	0.0109	<0.000848
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Unfiltered	0.813	<0.000400	<0.00295	110	<0.00233	0.0107	0.0134
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Filtered		<0.000400	<0.00295		<0.00233	0.0134	<0.000848
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Unfiltered		<0.000400	<0.00295		<0.00233	0.0144	0.0147
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Filtered		<0.000400	<0.00295		<0.00233	0.00977	0.00105 Jq
TT-MW2-2	66.10	2069.63	03/09/06	3/16/2006	Unfiltered							
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Unfiltered							
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Filtered							
TT-MW2-2	66.52	2069.21	10/02/06	10/2/2006	Unfiltered							
TT-MW2-2	66.63	2069.10	11/20/06	11/21/2006	Unfiltered							
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered		<0.000400	<0.00295		<0.00233	0.0107	0.0231
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered		<0.000400	<0.00295		<0.00233	<0.000314	<0.000848
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Unfiltered	2.92	<0.000400	<0.00295	195	<0.00233	<0.000314	0.0509 BJfk
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Filtered		<0.000400	<0.00295		<0.00233	<0.000314	0.0309 BJfk
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Unfiltered	3.46	<0.000400	0.0151	187	<0.00233	0.00519	0.0168 Bk
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Filtered		<0.000400	<0.00295		<0.00233	<0.000314	<0.000848
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Unfiltered		<0.000400	0.0136 BJkq		0.0121 BJaq	0.00316 Jq	0.00125 Jq
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Filtered		<0.000400	0.0172 Bk		0.0131 BJaq	0.00203 Jq	<0.000848
TT-MW2-3	66.47	2025.63	03/09/06	3/16/2006	Unfiltered							

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Wet Chemistry										Metals				
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Alkalinity, Total (as CaCO3) -mg/L	Bicarbonate (as CaCO3) -mg/L	Carbonate (as CaCO3) -mg/L	Carbonate (as CaCO3) -mg/L	Chloride -mg/L	Dissolved Solids -mg/L	Nitrate as N -mg/L	Perchlorate -ug/L	Sulfate -mg/L	Solids, Total Dissolved -mg/L	Arsenic -mg/L	Antimony -mg/L	Barium -mg/L	Beryllium -mg/L	Calcium -mg/L
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered								32000			<0.00308			<0.000176	
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Filtered											<0.00308			<0.000176	
TT-MW2-3	66.95	2025.15	10/05/06	10/5/2006	Unfiltered								22200							
TT-MW2-3	67.23	2024.87	11/20/06	11/20/2006	Unfiltered								19900							
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered								<0.46			0.0833	<0.00209	0.0532	<0.000176	
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered								<0.46			0.0791	<0.00209	<0.000719	<0.000176	
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Unfiltered		34		40	20	220	<0.028	<0.59	29 Bk		0.0964	<0.00209	0.130	<0.000176	11.7
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Filtered											0.0807	<0.00209	0.0454	<0.000176	
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Unfiltered		46	24		22		<0.028	<0.59	32	260	0.0569	<0.00209	0.0587	<0.000176	6.84
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Filtered											0.0823	<0.00209	<0.000719	<0.000176	
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Unfiltered								<0.59			0.0800	<0.00209	0.0341	<0.000176	
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Filtered											0.0801	0.00247 Jq	0.00151 Jq	<0.000176	
TT-MW2-4D	53.48	1931.08	03/09/06	3/16/2006	Unfiltered								<0.59							
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Unfiltered								<0.43			0.0941			<0.000176	
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Filtered											0.0901			<0.000176	
TT-MW2-4D	53.52	1931.04	10/02/06	10/2/2006	Unfiltered								<0.5							
TT-MW2-4D	53.45	1931.11	11/20/06	11/21/2006	Unfiltered								<0.5							
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered								<0.46			0.0598	0.0177	0.256	0.00230	
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered								<0.46			0.0427	<0.00209	0.0752	<0.000176	
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Unfiltered		120		12	39	300	0.56	<0.59	40 Bk		0.0573	<0.00209	0.0502	<0.000176	7.68
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Filtered											0.0495	<0.00209	0.0774	<0.000176	
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Unfiltered		100	8.0		36		0.38	2.1	51 Bk	310	<0.00308	0.0932	1.87	0.0118	157
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Filtered											0.0430	<0.00209	<0.000719	<0.000176	
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Unfiltered								<0.59			0.230	<0.00209	4.83	0.0333	
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Filtered											0.0444	<0.00209	0.00519 Jq	<0.000176	
TT-MW2-4S	46.87	1937.69	03/09/06	3/16/2006	Unfiltered								<0.59							
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Unfiltered								<0.43			0.0490			<0.000176	
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Filtered											0.0469			<0.000176	
TT-MW2-4S	47.12	1937.44	10/02/06	10/2/2006	Unfiltered								<0.5							
TT-MW2-4S	47.19	1937.37	11/20/06	11/21/2006	Unfiltered								<0.5							
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Unfiltered								810			<0.00308	<0.00209	0.0524	<0.000176	
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Filtered											<0.00308	<0.00209	0.0433	<0.000176	
TT-MW2-5	33.37	1875.13	12/12/05	12/29/2005	Unfiltered								860							
TT-MW2-5	33.96	1874.54	03/09/06	3/16/2006	Unfiltered								910							
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered								890			<0.00308			<0.000176	

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Metals									
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Cadmium -mg/L	Cobalt -mg/L	Chromium -mg/L	Chromium, Hexavalent -ug/L	Copper -mg/L	Lead -mg/L	Magnesium -mg/L	Mercury -mg/L	Molybdenum -mg/L	Nickel -mg/L
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<0.000350			1.2		<0.00236				
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Filtered	<0.000350					<0.00236				
TT-MW2-3	66.95	2025.15	10/05/06	10/5/2006	Unfiltered										
TT-MW2-3	67.23	2024.87	11/20/06	11/20/2006	Unfiltered										
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<0.000350	<0.000696	0.0115		0.00882	<0.00236		<0.0000672	0.0112	0.00721
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	0.0116	<0.00137
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Unfiltered	<0.000350	0.0135	0.0396		<0.00134	0.0114	8.80	<0.0000672	<0.000800	0.0180
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Filtered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236			0.0111	<0.00137
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Unfiltered	<0.000350	0.00522	0.0115		0.0142	<0.00236	4.18	<0.0000672	0.0111	0.00955
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Filtered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	0.00989	<0.00137
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Unfiltered	<0.000350	0.00434 Jq	0.0104		0.00473 Jq	0.00284 Jq		<0.0000672	0.00826	0.00534 Ba
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Filtered	<0.000350	<0.000696	0.00104 BJkq		<0.00134	<0.00236		<0.0000672	0.00938	<0.00137
TT-MW2-4D	53.48	1931.08	03/09/06	3/16/2006	Unfiltered										
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Unfiltered	<0.000350					<0.00236				
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Filtered	<0.000350					<0.00236				
TT-MW2-4D	53.52	1931.04	10/02/06	10/2/2006	Unfiltered										
TT-MW2-4D	53.45	1931.11	11/20/06	11/21/2006	Unfiltered										
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<0.000350	0.0194	0.0573		0.0427	0.0188		<0.0000672	0.0158	0.0364
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	0.0173	<0.00137
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Unfiltered	<0.000350	0.00692	0.0223 Bk		<0.00134	<0.00236	3.42	<0.0000672	0.0128	0.00919
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Filtered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236			0.0175	<0.00137
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Unfiltered	<0.000350	0.123	0.296		0.287	0.127	102	<0.000067	<0.000800	0.229
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Filtered	<0.000350	<0.000696	<0.000350		<0.00134	<0.00236		<0.0000672	0.00971	<0.00137
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Unfiltered	<0.000350	0.294	0.693		0.682	0.362		0.00106	<0.000800	0.543
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Filtered	<0.000350	<0.000696	0.00356 BJkq		<0.00134	<0.00236		<0.0000672	0.0130	0.00307 BJaq
TT-MW2-4S	46.87	1937.69	03/09/06	3/16/2006	Unfiltered										
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Unfiltered	<0.000350					<0.00236				
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Filtered	<0.000350					<0.00236				
TT-MW2-4S	47.12	1937.44	10/02/06	10/2/2006	Unfiltered										
TT-MW2-4S	47.19	1937.37	11/20/06	11/21/2006	Unfiltered										
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Unfiltered	<0.000350	0.00203 Jq	0.00565		0.00186 Jq	<0.00236		<0.0000672	0.0182	<0.00137
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Filtered	<0.000350	0.000951 Jq	0.00337 BJkq		<0.00134	<0.00236		<0.0000672	0.0172	<0.00137
TT-MW2-5	33.37	1875.13	12/12/05	12/29/2005	Unfiltered										
TT-MW2-5	33.96	1874.54	03/09/06	3/16/2006	Unfiltered										
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	<0.000350			1.0		<0.00236				

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Metals						
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Potassium -mg/L	Silver -mg/L	Selenium -mg/L	Sodium -mg/L	Thallium -mg/L	Vanadium -mg/L	Zinc -mg/L
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered							
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Filtered							
TT-MW2-3	66.95	2025.15	10/05/06	10/5/2006	Unfiltered							
TT-MW2-3	67.23	2024.87	11/20/06	11/20/2006	Unfiltered							
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered		<0.000400	<0.00295		<0.00233	0.129	0.0276
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered		<0.000400	<0.00295		<0.00233	0.0995	<0.000848
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Unfiltered	3.13	0.00825 Bk	<0.00295	69.8	<0.00233	0.167	0.0600
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Filtered		<0.000400	<0.00295		<0.00233	0.108	<0.000848
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Unfiltered	2.58	<0.000400	<0.00295	65.4	<0.00233	0.137	0.0320
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Filtered		<0.000400	<0.00295		<0.00233	0.127	<0.000848
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Unfiltered		0.000601 BJkq	0.00550 BJkq		0.00494 BJkq	0.130	0.0256 Bk
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Filtered		0.000624 BJkq	0.00352 BJkq		<0.00233	0.116	0.00630 BJkq
TT-MW2-4D	53.48	1931.08	03/09/06	3/16/2006	Unfiltered							
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Unfiltered							
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Filtered							
TT-MW2-4D	53.52	1931.04	10/02/06	10/2/2006	Unfiltered							
TT-MW2-4D	53.45	1931.11	11/20/06	11/21/2006	Unfiltered							
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered		<0.000400	<0.00295		<0.00233	0.191	0.148
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered		<0.000400	<0.00295		<0.00233	0.0812	<0.000848
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Unfiltered	2.33	0.00769 Bk	<0.00295	106	<0.00233	0.0981	0.0641
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Filtered		<0.000400	<0.00295		<0.00233	0.0765	<0.000848
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Unfiltered	42.2	<0.000400	<0.00295	120	<0.00233	0.629	0.795
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Filtered		<0.000400	<0.00295		<0.00233	0.124	<0.000848
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Unfiltered		<0.000400	<0.00295		<0.00233	1.40	2.00
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Filtered		<0.000400	<0.00295		<0.00233	0.0869	0.0109 Bk
TT-MW2-4S	46.87	1937.69	03/09/06	3/16/2006	Unfiltered							
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Unfiltered							
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Filtered							
TT-MW2-4S	47.12	1937.44	10/02/06	10/2/2006	Unfiltered							
TT-MW2-4S	47.19	1937.37	11/20/06	11/21/2006	Unfiltered							
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Unfiltered		0.00114 BJkq	0.00864 BJkq		0.00582 BJkq	0.00684	0.0126 Bk
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Filtered		0.00111 BJkq	0.00561 BJkq		0.0124 BJkq	0.00404 Jq	0.00802 BJkq
TT-MW2-5	33.37	1875.13	12/12/05	12/29/2005	Unfiltered							
TT-MW2-5	33.96	1874.54	03/09/06	3/16/2006	Unfiltered							
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered							

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Wet Chemistry										Metals				
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Alkalinity, Total (as CaCO3) -mg/L	Bicarbonate (as CaCO3) -mg/L	Carbonate (as CaCO3) -mg/L	Carbonate (as CaCO3) -mg/L	Chloride -mg/L	Dissolved Solids -mg/L	Nitrate as N -mg/L	Perchlorate -ug/L	Sulfate -mg/L	Solids, Total Dissolved -mg/L	Arsenic -mg/L	Antimony -mg/L	Barium -mg/L	Beryllium -mg/L	Calcium -mg/L
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Filtered											<0.00308			<0.000176	
TT-MW2-5	34.47	1874.03	10/02/06	10/2/2006	Unfiltered								981							
TT-MW2-5	34.49	1874.01	11/20/06	11/29/2006	Unfiltered								1070							
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Unfiltered								0.65 Jq			0.0123	<0.00209	0.0739	0.000839 Jq	
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Filtered											0.00684 Jq	<0.00209	0.00232 Jq	<0.000176	
TT-MW2-6D	30.74	1874.25	12/12/05	12/29/2005	Unfiltered								0.65 Jq							
TT-MW2-6D	31.28	1873.71	03/09/06	3/16/2006	Unfiltered								<0.59							
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Unfiltered								0.54 Jq			0.0127			<0.000176	
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Filtered											0.0126			<0.000176	
TT-MW2-6D	31.75	1873.24	10/02/06	10/2/2006	Unfiltered								<0.5							
TT-MW2-6D	31.77	1873.22	11/20/06	11/29/2006	Unfiltered								<0.5							
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Unfiltered								160			0.0137	<0.00209	0.447	0.00439	
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Filtered											<0.00308	<0.00209	0.0121	<0.000176	
TT-MW2-6S	29.91	1875.08	12/12/05	12/29/2005	Unfiltered								220							
TT-MW2-6S	30.50	1874.49	03/09/06	3/16/2006	Unfiltered								280							
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Unfiltered								270			<0.00308			<0.000176	
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Filtered											<0.00308			<0.000176	
TT-MW2-6S	30.81	1874.18	10/02/06	10/2/2006	Unfiltered								298							
TT-MW2-6S	30.84	1874.15	11/20/06	11/29/2006	Unfiltered								304							
TT-MW2-7	16.63	1820.36	10/03/06	10/3/2006	Unfiltered								379							
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered		293	<1					374		870 Je	<0.005	<0.04	0.0249	<0.001	72.3
TT-MW2-7	16.69	1820.30	11/20/06	11/8/2006	Unfiltered					141		8.71		168						
TT-MW2-7	16.69	1820.30	11/20/06	11/29/2006	Unfiltered								408							
TT-MW2-7	16.15	1820.84	03/07/07	3/14/2007	Unfiltered								408							
TT-MW2-8	14.52	1818.91	10/03/06	10/3/2006	Unfiltered								347							
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered		293	<1					343		875 Je	<0.005	<0.04	0.029	<0.001	66.7
TT-MW2-8	14.58	1818.85	11/20/06	11/8/2006	Unfiltered					143		6.95		186						
TT-MW2-8	14.58	1818.85	11/20/06	11/29/2006	Unfiltered								398							
TT-MW2-8	13.90	1819.53	03/07/07	3/14/2007	Unfiltered								380							
TT-MW2-9D	37.80	1898.20	10/03/06	10/3/2006	Unfiltered								28.8							
TT-MW2-9D	37.95	1898.05	11/20/06	11/29/2006	Unfiltered								21.3							
TT-MW2-9D	38.13	1897.87	03/07/07	3/13/2007	Unfiltered								14.1							
TT-MW2-9S	32.75	1902.71	10/03/06	10/3/2006	Unfiltered								324							
TT-MW2-9S	32.95	1902.51	11/20/06	11/29/2006	Unfiltered								314							
TT-MW2-9S	33.07	1902.39	03/07/07	3/13/2007	Unfiltered								206							

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Metals									
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Cadmium -mg/L	Cobalt -mg/L	Chromium -mg/L	Chromium, Hexavalent -ug/L	Copper -mg/L	Lead -mg/L	Magnesium -mg/L	Mercury -mg/L	Molybdenum -mg/L	Nickel -mg/L
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Filtered	<0.000350					<0.00236				
TT-MW2-5	34.47	1874.03	10/02/06	10/2/2006	Unfiltered										
TT-MW2-5	34.49	1874.01	11/20/06	11/29/2006	Unfiltered										
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Unfiltered	<0.000350	0.00513	0.0116		0.00861	0.00894 Jq		<0.0000672	0.0114	0.00939 Ba
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Filtered	<0.000350	0.000796 Jq	0.00262 BJkq		<0.00134	<0.00236		<0.0000672	0.0126	<0.00137
TT-MW2-6D	30.74	1874.25	12/12/05	12/29/2005	Unfiltered										
TT-MW2-6D	31.28	1873.71	03/09/06	3/16/2006	Unfiltered										
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Unfiltered	<0.000350					<0.00236				
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Filtered	<0.000350					<0.00236				
TT-MW2-6D	31.75	1873.24	10/02/06	10/2/2006	Unfiltered										
TT-MW2-6D	31.77	1873.22	11/20/06	11/29/2006	Unfiltered										
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Unfiltered	<0.000350	0.0290	0.0579		0.0671	0.0514		<0.0000672	0.0545	0.0617
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Filtered	<0.000350	0.000913 Jq	0.00314 BJkq		<0.00134	<0.00236		<0.0000672	0.0696	<0.00137
TT-MW2-6S	29.91	1875.08	12/12/05	12/29/2005	Unfiltered										
TT-MW2-6S	30.50	1874.49	03/09/06	3/16/2006	Unfiltered										
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Unfiltered	<0.000350					<0.00236				
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Filtered	<0.000350					<0.00236				
TT-MW2-6S	30.81	1874.18	10/02/06	10/2/2006	Unfiltered										
TT-MW2-6S	30.84	1874.15	11/20/06	11/29/2006	Unfiltered										
TT-MW2-7	16.63	1820.36	10/03/06	10/3/2006	Unfiltered										
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<0.002	<0.005	<0.005		<0.005	<0.003	9.01	<0.1	0.0242 Jq	<0.01
TT-MW2-7	16.69	1820.30	11/20/06	11/8/2006	Unfiltered				0.278						
TT-MW2-7	16.69	1820.30	11/20/06	11/29/2006	Unfiltered										
TT-MW2-7	16.15	1820.84	03/07/07	3/14/2007	Unfiltered										
TT-MW2-8	14.52	1818.91	10/03/06	10/3/2006	Unfiltered										
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	<0.002	<0.005	<0.005		<0.005	<0.003	8.52	<0.1	0.0242 Jq	<0.01
TT-MW2-8	14.58	1818.85	11/20/06	11/8/2006	Unfiltered				0.195 Jq						
TT-MW2-8	14.58	1818.85	11/20/06	11/29/2006	Unfiltered										
TT-MW2-8	13.90	1819.53	03/07/07	3/14/2007	Unfiltered										
TT-MW2-9D	37.80	1898.20	10/03/06	10/3/2006	Unfiltered										
TT-MW2-9D	37.95	1898.05	11/20/06	11/29/2006	Unfiltered										
TT-MW2-9D	38.13	1897.87	03/07/07	3/13/2007	Unfiltered										
TT-MW2-9S	32.75	1902.71	10/03/06	10/3/2006	Unfiltered										
TT-MW2-9S	32.95	1902.51	11/20/06	11/29/2006	Unfiltered										
TT-MW2-9S	33.07	1902.39	03/07/07	3/13/2007	Unfiltered										

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Metals						
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Potassium -mg/L	Silver -mg/L	Selenium -mg/L	Sodium -mg/L	Thallium -mg/L	Vanadium -mg/L	Zinc -mg/L
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Filtered							
TT-MW2-5	34.47	1874.03	10/02/06	10/2/2006	Unfiltered							
TT-MW2-5	34.49	1874.01	11/20/06	11/29/2006	Unfiltered							
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Unfiltered		0.000757 BJkq	0.00551 Jq		<0.00233	0.0274	0.0447
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Filtered		0.00104 BJkq	0.00317 Jq		<0.00233	0.0137	0.00573 BJkq
TT-MW2-6D	30.74	1874.25	12/12/05	12/29/2005	Unfiltered							
TT-MW2-6D	31.28	1873.71	03/09/06	3/16/2006	Unfiltered							
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Unfiltered							
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Filtered							
TT-MW2-6D	31.75	1873.24	10/02/06	10/2/2006	Unfiltered							
TT-MW2-6D	31.77	1873.22	11/20/06	11/29/2006	Unfiltered							
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Unfiltered		0.000749 BJkq	0.00394 BJkq		<0.00233	0.0853	0.250
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Filtered		0.00172 BJkq	0.00807 BJkq		0.00549 BJkq	0.00533	0.0324 Bk
TT-MW2-6S	29.91	1875.08	12/12/05	12/29/2005	Unfiltered							
TT-MW2-6S	30.50	1874.49	03/09/06	3/16/2006	Unfiltered							
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Unfiltered							
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Filtered							
TT-MW2-6S	30.81	1874.18	10/02/06	10/2/2006	Unfiltered							
TT-MW2-6S	30.84	1874.15	11/20/06	11/29/2006	Unfiltered							
TT-MW2-7	16.63	1820.36	10/03/06	10/3/2006	Unfiltered							
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<1	<0.005	0.00984 Jq	250	<0.005	0.00677 Jq	0.00856 Jq
TT-MW2-7	16.69	1820.30	11/20/06	11/8/2006	Unfiltered							
TT-MW2-7	16.69	1820.30	11/20/06	11/29/2006	Unfiltered							
TT-MW2-7	16.15	1820.84	03/07/07	3/14/2007	Unfiltered							
TT-MW2-8	14.52	1818.91	10/03/06	10/3/2006	Unfiltered							
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	2.39	<0.005	0.00781 Jq	257	<0.005	0.0166	<0.005
TT-MW2-8	14.58	1818.85	11/20/06	11/8/2006	Unfiltered							
TT-MW2-8	14.58	1818.85	11/20/06	11/29/2006	Unfiltered							
TT-MW2-8	13.90	1819.53	03/07/07	3/14/2007	Unfiltered							
TT-MW2-9D	37.80	1898.20	10/03/06	10/3/2006	Unfiltered							
TT-MW2-9D	37.95	1898.05	11/20/06	11/29/2006	Unfiltered							
TT-MW2-9D	38.13	1897.87	03/07/07	3/13/2007	Unfiltered							
TT-MW2-9S	32.75	1902.71	10/03/06	10/3/2006	Unfiltered							
TT-MW2-9S	32.95	1902.51	11/20/06	11/29/2006	Unfiltered							
TT-MW2-9S	33.07	1902.39	03/07/07	3/13/2007	Unfiltered							

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Wet Chemistry										Metals				
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Alkalinity, Total (as CaCO3) -mg/L	Bicarbonate (as CaCO3) -mg/L	Carbonate (as CaCO3) -mg/L	Carbonate (as CaCO3) -mg/L	Chloride -mg/L	Dissolved Solids -mg/L	Nitrate as N -mg/L	Perchlorate -ug/L	Sulfate -mg/L	Solids, Total Dissolved -mg/L	Arsenic -mg/L	Antimony -mg/L	Barium -mg/L	Beryllium -mg/L	Calcium -mg/L
TT-MW2-10	54.78	1944.26	10/04/06	10/4/2006	Unfiltered								<0.5							
TT-MW2-10	54.85	1944.19	11/20/06	11/28/2006	Unfiltered								<0.5							
TT-MW2-10	54.91	1944.13	03/07/07	3/13/2007	Unfiltered								<0.5							
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered		175	<1		438		13.2	191	83.2	1080 Je	0.0216	<0.04	0.0419	<0.001	56.7
TT-MW2-11	42.95	1958.87	11/20/06	11/28/2006	Unfiltered								195							
TT-MW2-11	43.85	1957.97	03/07/07	3/13/2007	Unfiltered								242							
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered		155	<1		182		0.0743 Jq	2.73	183	1030 Je	0.0659	<0.04	6.63	0.0217	3320
TT-MW2-12	46.20	1966.92	11/20/06	11/28/2006	Unfiltered								9.98							
TT-MW2-12	46.33	1966.79	03/07/07	3/13/2007	Unfiltered								<0.5							
TT-MW2-13	61.60	1984.29	10/4/2006	10/5/2006	Unfiltered								6350							
TT-MW2-13	61.84	1984.05	11/20/06	11/28/2006	Unfiltered								5540							
TT-MW2-13	62.28	1983.61	03/07/07	3/13/2007	Unfiltered								3890							
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered	190	190			397		12.5	34800	68.1	1130 Je	<0.005	<0.04	0.09	<0.001	79.3
TT-MW2-14	63.00	2009.12	03/07/07	3/14/2007	Unfiltered								39900							
TT-MW2-16	55.96	2079.23	10/3/2006	10/3/2006	Unfiltered								3.79							
TT-MW2-16	56.18	2079.01	11/20/06	11/28/2006	Unfiltered								4.94							
TT-MW2-16	56.65	2078.54	03/07/07	3/13/2007	Unfiltered								4.14							
TT-MW2-17D	70.54	2024.79	11/20/06	11/20/2006	Unfiltered								79300							
TT-MW2-17D	70.67	2024.66	03/07/07	3/14/2007	Unfiltered								48300							
TT-MW2-17S	70.49	2025.06	11/20/06	11/20/2006	Unfiltered								5870							
TT-MW2-17S	70.56	2024.99	03/07/07	3/14/2007	Unfiltered								4400							
TT-MW2-18	51.36	1981.16	10/4/2006	10/4/2006	Unfiltered								15000							
TT-MW2-18	51.49	1981.03	11/20/06	11/28/2006	Unfiltered								19700							
TT-MW2-18	52.08	1980.44	03/07/07	3/14/2007	Unfiltered								17000							

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

Sample Location	Water Level Data					Metals									
	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Cadmium -mg/L	Cobalt -mg/L	Chromium -mg/L	Chromium, Hexavalent -ug/L	Copper -mg/L	Lead -mg/L	Magnesium -mg/L	Mercury -mg/L	Molybdenum -mg/L	Nickel -mg/L
TT-MW2-10	54.78	1944.26	10/04/06	10/4/2006	Unfiltered										
TT-MW2-10	54.85	1944.19	11/20/06	11/28/2006	Unfiltered										
TT-MW2-10	54.91	1944.13	03/07/07	3/13/2007	Unfiltered										
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered	<0.002	<0.005	0.0197		0.0108	<0.003	20.4	<0.1	0.0147 Jq	0.0102
TT-MW2-11	42.95	1958.87	11/20/06	11/28/2006	Unfiltered										
TT-MW2-11	43.85	1957.97	03/07/07	3/13/2007	Unfiltered										
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered	0.0166	0.316	0.758		1.02	0.264	357	0.233 Jq	0.0193 Jq	0.582
TT-MW2-12	46.20	1966.92	11/20/06	11/28/2006	Unfiltered										
TT-MW2-12	46.33	1966.79	03/07/07	3/13/2007	Unfiltered										
TT-MW2-13	61.60	1984.29	10/4/2006	10/5/2006	Unfiltered										
TT-MW2-13	61.84	1984.05	11/20/06	11/28/2006	Unfiltered										
TT-MW2-13	62.28	1983.61	03/07/07	3/13/2007	Unfiltered										
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered	<0.002	<0.005	<0.005		<0.005	<0.003	9.09	<0.1	<0.01	0.0103 Jq
TT-MW2-14	63.00	2009.12	03/07/07	3/14/2007	Unfiltered										
TT-MW2-16	55.96	2079.23	10/3/2006	10/3/2006	Unfiltered										
TT-MW2-16	56.18	2079.01	11/20/06	11/28/2006	Unfiltered										
TT-MW2-16	56.65	2078.54	03/07/07	3/13/2007	Unfiltered										
TT-MW2-17D	70.54	2024.79	11/20/06	11/20/2006	Unfiltered										
TT-MW2-17D	70.67	2024.66	03/07/07	3/14/2007	Unfiltered										
TT-MW2-17S	70.49	2025.06	11/20/06	11/20/2006	Unfiltered										
TT-MW2-17S	70.56	2024.99	03/07/07	3/14/2007	Unfiltered										
TT-MW2-18	51.36	1981.16	10/4/2006	10/4/2006	Unfiltered										
TT-MW2-18	51.49	1981.03	11/20/06	11/28/2006	Unfiltered										
TT-MW2-18	52.08	1980.44	03/07/07	3/14/2007	Unfiltered										

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Metals						
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Potassium -mg/L	Silver -mg/L	Selenium -mg/L	Sodium -mg/L	Thallium -mg/L	Vanadium -mg/L	Zinc -mg/L
TT-MW2-10	54.78	1944.26	10/04/06	10/4/2006	Unfiltered							
TT-MW2-10	54.85	1944.19	11/20/06	11/28/2006	Unfiltered							
TT-MW2-10	54.91	1944.13	03/07/07	3/13/2007	Unfiltered							
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered	20.5	<0.005	<0.005	336	0.00899 Jq	0.0146	0.0515
TT-MW2-11	42.95	1958.87	11/20/06	11/28/2006	Unfiltered							
TT-MW2-11	43.85	1957.97	03/07/07	3/13/2007	Unfiltered							
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered	86.7	0.00856 Jq	<0.005	332	<0.005	1.63	1.77
TT-MW2-12	46.20	1966.92	11/20/06	11/28/2006	Unfiltered							
TT-MW2-12	46.33	1966.79	03/07/07	3/13/2007	Unfiltered							
TT-MW2-13	61.60	1984.29	10/4/2006	10/5/2006	Unfiltered							
TT-MW2-13	61.84	1984.05	11/20/06	11/28/2006	Unfiltered							
TT-MW2-13	62.28	1983.61	03/07/07	3/13/2007	Unfiltered							
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered	2.93	<0.005	0.0151	341	0.011 Bk	0.0155	0.0482 Jf
TT-MW2-14	63.00	2009.12	03/07/07	3/14/2007	Unfiltered							
TT-MW2-16	55.96	2079.23	10/3/2006	10/3/2006	Unfiltered							
TT-MW2-16	56.18	2079.01	11/20/06	11/28/2006	Unfiltered							
TT-MW2-16	56.65	2078.54	03/07/07	3/13/2007	Unfiltered							
TT-MW2-17D	70.54	2024.79	11/20/06	11/20/2006	Unfiltered							
TT-MW2-17D	70.67	2024.66	03/07/07	3/14/2007	Unfiltered							
TT-MW2-17S	70.49	2025.06	11/20/06	11/20/2006	Unfiltered							
TT-MW2-17S	70.56	2024.99	03/07/07	3/14/2007	Unfiltered							
TT-MW2-18	51.36	1981.16	10/4/2006	10/4/2006	Unfiltered							
TT-MW2-18	51.49	1981.03	11/20/06	11/28/2006	Unfiltered							
TT-MW2-18	52.08	1980.44	03/07/07	3/14/2007	Unfiltered							

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

Sample Location	Water Level Data					Pesticides - Herbicides														
	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Aldrin -ug/L	alpha-BHC -ug/L	beta-BHC -ug/L	delta-BHC -ug/L	gamma-BHC -ug/L	alpha-Chlordane -ug/L	gamma-Chlordane -ug/L	4,4'-DDD -ug/L	4,4'-DDE -ug/L	4,4'-DDT -ug/L	Dieldrin -ug/L	Endosulfan I -ug/L	Endosulfan II -ug/L	Endosulfan sulfate -ug/L	Endrin -ug/L
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023	<0.023

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Pesticides - Herbicides															
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Endrin aldehyde -ug/L	Endrin Ketone -ug/L	Heptachlor epoxide -ug/L	Heptachlor -ug/L	Methoxychlor -ug/L	Toxaphene -ug/L	2,4-D -ug/L	2,4-DB -ug/L	Dalapon -ug/L	Dichloroprop -ug/L	Dicamba -ug/L	Dinoseb -ug/L	MCPA -ug/L	MCPP -ug/L	2,4,5-T -ug/L	2,4,5-TP(Silvex) -ug/L
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<0.02	<0.02	<0.02	<0.02	<0.2	<0.99	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<20	<20	<0.2	<0.2
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	<0.023	<0.023	<0.023	<0.023	<0.23	<1.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<20	<20	<0.2	<0.2

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics																
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Acetone -ug/L	tert-Amyl Methylether -ug/L	Bromodichloromethane -ug/L	2-Butanone -ug/L	Bromobenzene -ug/L	Bromochloromethane -ug/L	Bromomethane -ug/L	tert-Butanol -ug/L	Bromoform -ug/L	n-Butylbenzene -ug/L	sec-Butylbenzene -ug/L	tert-Butylbenzene -ug/L	Benzene -ug/L	Chlorodibromomethane -ug/L	Carbon Disulfide -ug/L	Chlorobenzene -ug/L	2-Chlorotoluene -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Filtered																	
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Filtered																	
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Unfiltered	11 Bk		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Filtered																	
TT-MW2-1	50.54	1982.36	03/09/06	3/16/2006	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	12 Bak		<0.27	14	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Filtered																	
TT-MW2-1	51.78	1981.12	10/02/06	10/2/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-1	52.02	1980.88	11/20/06	11/21/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-1	52.02	1980.88	11/20/06	11/28/2006	Unfiltered																	
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Filtered																	
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Filtered																	
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Filtered																	
TT-MW2-2	66.10	2069.63	03/09/06	3/16/2006	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Unfiltered	<6.1		<0.27	4.6 Jq	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Filtered																	
TT-MW2-2	66.52	2069.21	10/02/06	10/2/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-2	66.63	2069.10	11/20/06	11/21/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics																	
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	4-Chlorotoluene -ug/L	Chloroethane -ug/L	Chloromethane -ug/L	Carbon Tetrachloride -ug/L	Chloroform -ug/L	Dibromochloromethane -ug/L	1,2-Dibromo-3-Chloropropane -ug/L	Dibromomethane -ug/L	1,1-Dichloroethane -ug/L	1,2-Dichloroethane -ug/L	1,2-Dichlorobenzene -ug/L	1,3-Dichlorobenzene -ug/L	1,4-Dichlorobenzene -ug/L	1,1-Dichloroethene -ug/L	c-1,2-Dichloroethene -ug/L	t-1,2-Dichloroethene -ug/L	1,1-Dichloropropene -ug/L	c-1,3-Dichloropropene -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Filtered																		
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Filtered																		
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Filtered																		
TT-MW2-1	50.54	1982.36	03/09/06	3/16/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Filtered																		
TT-MW2-1	51.78	1981.12	10/02/06	10/2/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-1	52.02	1980.88	11/20/06	11/21/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-1	52.02	1980.88	11/20/06	11/28/2006	Unfiltered																		
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Filtered																		
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Filtered																		
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Filtered																		
TT-MW2-2	66.10	2069.63	03/09/06	3/16/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Filtered																		
TT-MW2-2	66.52	2069.21	10/02/06	10/2/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-2	66.63	2069.10	11/20/06	11/21/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics																	
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	t-1,3-Dichloropropene -ug/L	1,2-Dichloropropane -ug/L	1,3-Dichloropropane -ug/L	2,2-Dichloropropane -ug/L	1,2-Dibromoethane -ug/L	Dichlorodifluoromethane -ug/L	Diisopropylether -ug/L	1,4-Dioxane -ug/L	Ethylbenzene -ug/L	Ethyl-tert-butylether -ug/L	2-Hexanone -ug/L	p-Isopropyltoluene -ug/L	Isopropylbenzene -ug/L	4-Methyl-2-Pentanone -ug/L	Methyl-t-Butyl Ether (MTBE) -ug/L	Methyl-t-Butyl Ether (MTBE) -ug/L	Methylene Chloride -ug/L	Naphthalene -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27		<1.1	<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27		<1.1	<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Filtered																		
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Filtered																		
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	3.5 BJkq	<0.95
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Filtered																		
TT-MW2-1	50.54	1982.36	03/09/06	3/16/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	4.2 BJakq	<0.95
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Filtered																		
TT-MW2-1	51.78	1981.12	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-1	52.02	1980.88	11/20/06	11/21/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-1	52.02	1980.88	11/20/06	11/28/2006	Unfiltered																		
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27		<1.1	<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27		<1.1	<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Filtered																		
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Filtered																		
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	3.6 Jq	<0.95
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Filtered																		
TT-MW2-2	66.10	2069.63	03/09/06	3/16/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	2.7 BJakq	<0.95
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	4.1 BJakq	<0.95
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Filtered																		
TT-MW2-2	66.52	2069.21	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-2	66.63	2069.10	11/20/06	11/21/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27		<1.1	<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27		<1.1	<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics														
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	n-Nitrosodimethylamine -ng/L	n-Propylbenzene -ug/L	RDX -ug/L	Styrene -ug/L	Toluene -ug/L	1,1,1,2-Tetrachloroethane -ug/L	1,1,1-Trichloroethane -ug/L	1,1,2-Trichloroethane -ug/L	1,2,3-Trichlorobenzene -ug/L	1,2,4-Trichlorobenzene -ug/L	Trichloroethene -ug/L	1,2,3-Trichloropropane -ug/L	Trichlorofluoromethane -ug/L	1,1,2-Trichloro-1,2,2-Trifluoroethane -ug/L	1,2,4-Trimethylbenzene -ug/L	1,3,5-Trimethylbenzene -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<0.55	<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<0.55	<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Filtered																
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Filtered																
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Filtered																
TT-MW2-1	50.54	1982.36	03/09/06	3/16/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	<0.48	<0.30	1.6 Rhq	<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Filtered																
TT-MW2-1	51.78	1981.12	10/02/06	10/2/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-1	52.02	1980.88	11/20/06	11/21/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-1	52.02	1980.88	11/20/06	11/28/2006	Unfiltered			0.89 Jq													
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<0.55	<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<0.55	<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Filtered																
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Filtered																
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Filtered																
TT-MW2-2	66.10	2069.63	03/09/06	3/16/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Filtered																
TT-MW2-2	66.52	2069.21	10/02/06	10/2/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-2	66.63	2069.10	11/20/06	11/21/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<0.55	<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	1.6	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<0.55	<0.30		<0.29	1.8	<0.37	<0.32	<0.54	<0.39	<0.35	1.2	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	7.0	<2.3	<0.36	<0.54	<0.26	<0.19

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics						
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,1,2,2-Tetrachloroethane -ug/L	Tetrachloroethene -ug/L	Vinyl Acetate -ug/L	Vinyl Chloride -ug/L	p/m-Xylene -ug/L	m,p-Xylenes -ug/L	o-Xylene -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-1	51.31	1981.59	06/02/05	7/8/2005	Filtered							
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-1	50.59	1982.31	09/21/05	9/30/2005	Filtered							
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-1	50.37	1982.53	12/13/05	12/13/2005	Filtered							
TT-MW2-1	50.54	1982.36	03/09/06	3/16/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Filtered							
TT-MW2-1	51.78	1981.12	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-1	52.02	1980.88	11/20/06	11/21/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-1	52.02	1980.88	11/20/06	11/28/2006	Unfiltered							
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-2	66.68	2069.05	06/02/05	7/7/2005	Filtered							
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-2	66.36	2069.37	09/21/05	9/30/2005	Filtered							
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-2	66.24	2069.49	12/13/05	12/13/2005	Filtered							
TT-MW2-2	66.10	2069.63	03/09/06	3/16/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-2	66.28	2069.45	05/31/06	6/23/2006	Filtered							
TT-MW2-2	66.52	2069.21	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-2	66.63	2069.10	11/20/06	11/21/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	1.8		<0.21
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics															
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Acetone -ug/L	tert-Amyl Methylether -ug/L	Bromodichloromethane -ug/L	2-Butanone -ug/L	Bromobenzene -ug/L	Bromochloromethane -ug/L	Bromomethane -ug/L	tert-Butanol -ug/L	Bromoform -ug/L	n-Butylbenzene -ug/L	sec-Butylbenzene -ug/L	tert-Butylbenzene -ug/L	Benzene -ug/L	Chlorodibromomethane -ug/L	Carbon Disulfide -ug/L	Chlorobenzene -ug/L	2-Chlorotoluene -ug/L
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Filtered																	
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Filtered																	
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Filtered																	
TT-MW2-3	66.47	2025.63	03/09/06	3/16/2006	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Filtered																	
TT-MW2-3	66.95	2025.15	10/05/06	10/5/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-3	67.23	2024.87	11/20/06	11/20/2006	Unfiltered	<5		<0.2	<5			<0.2		0.31 Jq				<0.2		<0.2	<0.2	
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Filtered																	
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Filtered																	
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Filtered																	
TT-MW2-4D	53.48	1931.08	03/09/06	3/16/2006	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Unfiltered	9.7 BJkq		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Filtered																	
TT-MW2-4D	53.52	1931.04	10/02/06	10/2/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-4D	53.45	1931.11	11/20/06	11/21/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Filtered																	
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Filtered																	
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

Sample Location	Water Level Data			Sample Date	Filter Status	Volatile Organics																	
	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date			4-Chlorotoluene -ug/L	Chloroethane -ug/L	Chloromethane -ug/L	Carbon Tetrachloride -ug/L	Chloroform -ug/L	Dibromochloromethane -ug/L	1,2-Dibromo-3-Chloropropane -ug/L	Dibromomethane -ug/L	1,1-Dichloroethane -ug/L	1,2-Dichloroethane -ug/L	1,2-Dichlorobenzene -ug/L	1,3-Dichlorobenzene -ug/L	1,4-Dichlorobenzene -ug/L	1,1-Dichloroethene -ug/L	c-1,2-Dichloroethene -ug/L	t-1,2-Dichloroethene -ug/L	1,1-Dichloropropene -ug/L	c-1,3-Dichloropropene -ug/L
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Filtered																		
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Filtered																		
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Filtered																		
TT-MW2-3	66.47	2025.63	03/09/06	3/16/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Filtered																		
TT-MW2-3	66.95	2025.15	10/05/06	10/5/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-3	67.23	2024.87	11/20/06	11/20/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Filtered																		
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Filtered																		
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Filtered																		
TT-MW2-4D	53.48	1931.08	03/09/06	3/16/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Filtered																		
TT-MW2-4D	53.52	1931.04	10/02/06	10/2/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-4D	53.45	1931.11	11/20/06	11/21/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Filtered																		
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Filtered																		
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

Sample Location	Water Level Data			Sample Date	Filter Status	Volatile Organics																	
	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date			t-1,3-Dichloropropene -ug/L	1,2-Dichloropropane -ug/L	1,3-Dichloropropane -ug/L	2,2-Dichloropropane -ug/L	1,2-Dibromoethane -ug/L	Dichlorodifluoromethane -ug/L	Diisopropylether -ug/L	1,4-Dioxane -ug/L	Ethylbenzene -ug/L	Ethyl-tert-butylether -ug/L	2-Hexanone -ug/L	p-Isopropyltoluene -ug/L	Isopropylbenzene -ug/L	4-Methyl-2-Pentanone -ug/L	Methyl-t-Butyl Ether (MTBE) -ug/L	Methyl-t-Butyl Ether (MTBE) -ug/L	Methylene Chloride -ug/L	Naphthalene -ug/L
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Filtered																		
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Filtered																		
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	3.7 Jq	<0.95
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Filtered																		
TT-MW2-3	66.47	2025.63	03/09/06	3/16/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	7.3 BJakq	<0.95
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	4.2 BJakq	<0.95
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Filtered																		
TT-MW2-3	66.95	2025.15	10/05/06	10/5/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-3	67.23	2024.87	11/20/06	11/20/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27		<1.1	<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27		<1.1	<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Filtered																		
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Filtered																		
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Filtered																		
TT-MW2-4D	53.48	1931.08	03/09/06	3/16/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	4.9 BJakq	<0.95
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Filtered																		
TT-MW2-4D	53.52	1931.04	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-4D	53.45	1931.11	11/20/06	11/21/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27		<1.1	<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27		<1.1	<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4	<0.29		<2.6	<0.95
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Filtered																		
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Filtered																		
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics															
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	n-Nitrosodimethylamine -ng/L	n-Propylbenzene -ug/L	RDX -ug/L	Styrene -ug/L	Toluene -ug/L	1,1,1,2-Tetrachloroethane -ug/L	1,1,1-Trichloroethane -ug/L	1,1,2-Trichloroethane -ug/L	1,2,3-Trichlorobenzene -ug/L	1,2,4-Trichlorobenzene -ug/L	Trichloroethene -ug/L	1,2,3-Trichloropropane -ug/L	Trichlorofluoromethane -ug/L	1,1,2-Trichloro-1,2,2-Trifluoroethane -ug/L	1,2,4-Trimethylbenzene -ug/L	1,3,5-Trimethylbenzene -ug/L
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Filtered																
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	5.6	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Filtered																
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	8.0	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Filtered																
TT-MW2-3	66.47	2025.63	03/09/06	3/16/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	5.6	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<0.48	<0.30	<1.3	<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	4.2	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Filtered																
TT-MW2-3	66.95	2025.15	10/05/06	10/5/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			4.8					
TT-MW2-3	67.23	2024.87	11/20/06	11/20/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			4.2					
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<0.55	<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<0.55	<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Filtered																
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Filtered																
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Filtered																
TT-MW2-4D	53.48	1931.08	03/09/06	3/16/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Filtered																
TT-MW2-4D	53.52	1931.04	10/02/06	10/2/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-4D	53.45	1931.11	11/20/06	11/21/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<0.55	<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<0.55	<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Filtered																
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Filtered																
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics						
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,1,2,2-Tetrachloroethane -ug/L	Tetrachloroethene -ug/L	Vinyl Acetate -ug/L	Vinyl Chloride -ug/L	p/m-Xylene -ug/L	m,p-Xylenes -ug/L	o-Xylene -ug/L
TT-MW2-3	66.18	2025.92	06/02/05	7/8/2005	Filtered							
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-3	66.27	2025.83	09/22/05	9/30/2005	Filtered							
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-3	66.50	2025.60	12/13/05	12/13/2005	Filtered							
TT-MW2-3	66.47	2025.63	03/09/06	3/16/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Filtered							
TT-MW2-3	66.95	2025.15	10/05/06	10/5/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-3	67.23	2024.87	11/20/06	11/20/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4D	53.23	1931.33	06/02/05	7/7/2005	Filtered							
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4D	53.44	1931.12	09/21/05	9/30/2005	Filtered							
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4D	53.69	1930.87	12/12/05	12/12/2005	Filtered							
TT-MW2-4D	53.48	1931.08	03/09/06	3/16/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4D	53.50	1931.06	05/31/06	6/23/2006	Filtered							
TT-MW2-4D	53.52	1931.04	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-4D	53.45	1931.11	11/20/06	11/21/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4S	46.46	1938.10	06/02/05	7/7/2005	Filtered							
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4S	46.70	1937.86	09/21/05	9/30/2005	Filtered							
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics																
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Acetone -ug/L	tert-Amyl Methylether -ug/L	Bromodichloromethane -ug/L	2-Butanone -ug/L	Bromobenzene -ug/L	Bromochloromethane -ug/L	Bromomethane -ug/L	tert-Butanol -ug/L	Bromoform -ug/L	n-Butylbenzene -ug/L	sec-Butylbenzene -ug/L	tert-Butylbenzene -ug/L	Benzene -ug/L	Chlorodibromomethane -ug/L	Carbon Disulfide -ug/L	Chlorobenzene -ug/L	2-Chlorotoluene -ug/L
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Filtered																	
TT-MW2-4S	46.87	1937.69	03/09/06	3/16/2006	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Unfiltered	7.3 BJkq		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Filtered																	
TT-MW2-4S	47.12	1937.44	10/02/06	10/2/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-4S	47.19	1937.37	11/20/06	11/21/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Filtered																	
TT-MW2-5	33.37	1875.13	12/12/05	12/29/2005	Unfiltered																	
TT-MW2-5	33.96	1874.54	03/09/06	3/16/2006	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	6.3 Jq		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	1.2 Jq	<0.36	<0.24
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Filtered																	
TT-MW2-5	34.47	1874.03	10/02/06	10/2/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-5	34.49	1874.01	11/20/06	11/29/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Filtered																	
TT-MW2-6D	30.74	1874.25	12/12/05	12/29/2005	Unfiltered																	
TT-MW2-6D	31.28	1873.71	03/09/06	3/16/2006	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Unfiltered	7.2 Jq		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Filtered																	
TT-MW2-6D	31.75	1873.24	10/02/06	10/2/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-6D	31.77	1873.22	11/20/06	11/29/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		1.7	<0.2	
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Unfiltered	7.8 Jq		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26		<1.0	<0.36	<0.24
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Filtered																	
TT-MW2-6S	29.91	1875.08	12/12/05	12/29/2005	Unfiltered																	
TT-MW2-6S	30.50	1874.49	03/09/06	3/16/2006	Unfiltered	<6.1		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Unfiltered	7.3 Jq		<0.27	<4.2	<0.47	<0.68	<2.9		<0.62	<0.29	<0.21	<0.17	<0.26	<0.45	<1.0	<0.36	<0.24
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Filtered																	
TT-MW2-6S	30.81	1874.18	10/02/06	10/2/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-6S	30.84	1874.15	11/20/06	11/29/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

Sample Location	Water Level Data: Depth to Water (feet below ground surface)	Water Level Data: Groundwater Elevation (feet above mean sea level)	Water Level Data: Elevation Date	Sample Date	Filter Status	Volatile Organics: 4-Chlorotoluene -ug/L	Chloroethane -ug/L	Chloromethane -ug/L	Carbon Tetrachloride -ug/L	Chloroform -ug/L	Dibromochloromethane -ug/L	1,2-Dibromo-3-Chloropropane -ug/L	Dibromomethane -ug/L	1,1-Dichloroethane -ug/L	1,2-Dichloroethane -ug/L	1,2-Dichlorobenzene -ug/L	1,3-Dichlorobenzene -ug/L	1,4-Dichlorobenzene -ug/L	1,1-Dichloroethene -ug/L	c-1,2-Dichloroethene -ug/L	t-1,2-Dichloroethene -ug/L	1,1-Dichloropropene -ug/L	c-1,3-Dichloropropene -ug/L
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Filtered																		
TT-MW2-4S	46.87	1937.69	03/09/06	3/16/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Filtered																		
TT-MW2-4S	47.12	1937.44	10/02/06	10/2/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-4S	47.19	1937.37	11/20/06	11/21/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Filtered																		
TT-MW2-5	33.37	1875.13	12/12/05	12/29/2005	Unfiltered																		
TT-MW2-5	33.96	1874.54	03/09/06	3/16/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Filtered																		
TT-MW2-5	34.47	1874.03	10/02/06	10/2/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-5	34.49	1874.01	11/20/06	11/29/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Filtered																		
TT-MW2-6D	30.74	1874.25	12/12/05	12/29/2005	Unfiltered																		
TT-MW2-6D	31.28	1873.71	03/09/06	3/16/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Filtered																		
TT-MW2-6D	31.75	1873.24	10/02/06	10/2/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-6D	31.77	1873.22	11/20/06	11/29/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22	<0.45	<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Filtered																		
TT-MW2-6S	29.91	1875.08	12/12/05	12/29/2005	Unfiltered																		
TT-MW2-6S	30.50	1874.49	03/09/06	3/16/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Unfiltered	<0.30	<0.52	<1.8	<0.42	<0.22		<2.5	<0.42	<0.53	<0.22	<0.24	<0.38	<0.30	<0.31	<0.35	<0.29	<0.21	<0.45
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Filtered																		
TT-MW2-6S	30.81	1874.18	10/02/06	10/2/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-6S	30.84	1874.15	11/20/06	11/29/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics																	
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	t-1,3-Dichloropropene -ug/L	1,2-Dichloropropane -ug/L	1,3-Dichloropropane -ug/L	2,2-Dichloropropane -ug/L	1,2-Dibromoethane -ug/L	Dichlorodifluoromethane -ug/L	Diisopropylether -ug/L	1,4-Dioxane -ug/L	Ethylbenzene -ug/L	Ethyl-tert-butylether -ug/L	2-Hexanone -ug/L	p-Isopropyltoluene -ug/L	Isopropylbenzene -ug/L	4-Methyl-2-Pentanone -ug/L	Methyl-t-Butyl Ether (MTBE) -ug/L	Methyl-t-Butyl Ether (MTBE) -ug/L	Methylene Chloride -ug/L	Naphthalene -ug/L
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Filtered																		
TT-MW2-4S	46.87	1937.69	03/09/06	3/16/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	3.0 BJakq	<0.95
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	3.9 BJakq	<0.95
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Filtered																		
TT-MW2-4S	47.12	1937.44	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-4S	47.19	1937.37	11/20/06	11/21/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Filtered																		
TT-MW2-5	33.37	1875.13	12/12/05	12/29/2005	Unfiltered																		
TT-MW2-5	33.96	1874.54	03/09/06	3/16/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	4.8 BJakq	<0.95
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27		<0.40	<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Filtered																		
TT-MW2-5	34.47	1874.03	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2							0.29 Jq		<5			<5		<0.2	<0.5	
TT-MW2-5	34.49	1874.01	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Filtered																		
TT-MW2-6D	30.74	1874.25	12/12/05	12/29/2005	Unfiltered																		
TT-MW2-6D	31.28	1873.71	03/09/06	3/16/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Filtered																		
TT-MW2-6D	31.75	1873.24	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-6D	31.77	1873.22	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	2.8 BJkq	<0.95
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Filtered																		
TT-MW2-6S	29.91	1875.08	12/12/05	12/29/2005	Unfiltered																		
TT-MW2-6S	30.50	1874.49	03/09/06	3/16/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	2.8 BJakq	<0.95
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Unfiltered	<0.31	<0.28	<0.30	<0.40	<0.81	<0.27			<0.17		<1.9	<0.21	<0.24	<2.4		<0.29	<2.6	<0.95
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Filtered																		
TT-MW2-6S	30.81	1874.18	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2							0.23 Jq		<5			<5		<0.2	<0.5	
TT-MW2-6S	30.84	1874.15	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics															
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	n-Nitrosodimethylamine -ng/L	n-Propylbenzene -ug/L	RDX -ug/L	Styrene -ug/L	Toluene -ug/L	1,1,1,2-Tetrachloroethane -ug/L	1,1,1-Trichloroethane -ug/L	1,1,2-Trichloroethane -ug/L	1,2,3-Trichlorobenzene -ug/L	1,2,4-Trichlorobenzene -ug/L	Trichloroethene -ug/L	1,2,3-Trichloropropane -ug/L	Trichlorofluoromethane -ug/L	1,1,2-Trichloro-1,2,2-Trifluoroethane -ug/L	1,2,4-Trimethylbenzene -ug/L	1,3,5-Trimethylbenzene -ug/L
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Filtered																
TT-MW2-4S	46.87	1937.69	03/09/06	3/16/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Filtered																
TT-MW2-4S	47.12	1937.44	10/02/06	10/2/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-4S	47.19	1937.37	11/20/06	11/21/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Filtered																
TT-MW2-5	33.37	1875.13	12/12/05	12/29/2005	Unfiltered																
TT-MW2-5	33.96	1874.54	03/09/06	3/16/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	<0.48	<0.30	<1.3	<0.29	1.1	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Filtered																
TT-MW2-5	34.47	1874.03	10/02/06	10/2/2006	Unfiltered				<0.2	1.3		<0.2	<0.2			<0.2					
TT-MW2-5	34.49	1874.01	11/20/06	11/29/2006	Unfiltered				<0.2	0.62 Jq		<0.2	<0.2			<0.2					
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Filtered																
TT-MW2-6D	30.74	1874.25	12/12/05	12/29/2005	Unfiltered																
TT-MW2-6D	31.28	1873.71	03/09/06	3/16/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Filtered																
TT-MW2-6D	31.75	1873.24	10/02/06	10/2/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-6D	31.77	1873.22	11/20/06	11/29/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Unfiltered		<0.30		<0.29	0.53 BJkq	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Filtered																
TT-MW2-6S	29.91	1875.08	12/12/05	12/29/2005	Unfiltered																
TT-MW2-6S	30.50	1874.49	03/09/06	3/16/2006	Unfiltered		<0.30		<0.29	<0.35	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Unfiltered		<0.30		<0.29	0.97 Jq	<0.37	<0.32	<0.54	<0.39	<0.35	<0.30	<2.3	<0.36	<0.54	<0.26	<0.19
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Filtered																
TT-MW2-6S	30.81	1874.18	10/02/06	10/2/2006	Unfiltered				<0.2	1.3		<0.2	<0.2			<0.2					
TT-MW2-6S	30.84	1874.15	11/20/06	11/29/2006	Unfiltered				<0.2	0.26 Jq		<0.2	<0.2			<0.2					

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics						
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,1,2,2-Tetrachloroethane -ug/L	Tetrachloroethene -ug/L	Vinyl Acetate -ug/L	Vinyl Chloride -ug/L	p/m-Xylene -ug/L	m,p-Xylenes -ug/L	o-Xylene -ug/L
TT-MW2-4S	46.88	1937.68	12/12/05	12/12/2005	Filtered							
TT-MW2-4S	46.87	1937.69	03/09/06	3/16/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-4S	46.84	1937.72	05/31/06	6/23/2006	Filtered							
TT-MW2-4S	47.12	1937.44	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-4S	47.19	1937.37	11/20/06	11/21/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-5	33.37	1875.13	12/12/05	12/12/2005	Filtered							
TT-MW2-5	33.37	1875.13	12/12/05	12/29/2005	Unfiltered							
TT-MW2-5	33.96	1874.54	03/09/06	3/16/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Filtered							
TT-MW2-5	34.47	1874.03	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2		<0.2		1.1 Jq	0.56 Jq
TT-MW2-5	34.49	1874.01	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2		<0.2		0.86 Jq	0.5 Jq
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-6D	30.74	1874.25	12/12/05	12/12/2005	Filtered							
TT-MW2-6D	30.74	1874.25	12/12/05	12/29/2005	Unfiltered							
TT-MW2-6D	31.28	1873.71	03/09/06	3/16/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-6D	31.56	1873.43	05/31/06	6/26/2006	Filtered							
TT-MW2-6D	31.75	1873.24	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-6D	31.77	1873.22	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-6S	29.91	1875.08	12/12/05	12/12/2005	Filtered							
TT-MW2-6S	29.91	1875.08	12/12/05	12/29/2005	Unfiltered							
TT-MW2-6S	30.50	1874.49	03/09/06	3/16/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Unfiltered	<0.37	<0.29	<3.2	<0.33	<0.38		<0.21
TT-MW2-6S	30.78	1874.21	05/31/06	6/26/2006	Filtered							
TT-MW2-6S	30.81	1874.18	10/02/06	10/2/2006	Unfiltered	<0.2	<0.2		<0.2		1 Jq	0.43 Jq
TT-MW2-6S	30.84	1874.15	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2		<0.2		0.96 Jq	0.46 Jq

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics																
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Acetone -ug/L	tert-Amyl Methylether -ug/L	Bromodichloromethane -ug/L	2-Butanone -ug/L	Bromobenzene -ug/L	Bromochloromethane -ug/L	Bromomethane -ug/L	tert-Butanol -ug/L	Bromoform -ug/L	n-Butylbenzene -ug/L	sec-Butylbenzene -ug/L	tert-Butylbenzene -ug/L	Benzene -ug/L	Chlorodibromomethane -ug/L	Carbon Disulfide -ug/L	Chlorobenzene -ug/L	2-Chlorotoluene -ug/L
TT-MW2-7	16.63	1820.36	10/03/06	10/3/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-7	16.69	1820.30	11/20/06	11/8/2006	Unfiltered																	
TT-MW2-7	16.69	1820.30	11/20/06	11/29/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-7	16.15	1820.84	03/07/07	3/14/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		<0.2	<0.2	
TT-MW2-8	14.52	1818.91	10/03/06	10/3/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-8	14.58	1818.85	11/20/06	11/8/2006	Unfiltered																	
TT-MW2-8	14.58	1818.85	11/20/06	11/29/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-8	13.90	1819.53	03/07/07	3/14/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		<0.2	<0.2	
TT-MW2-9D	37.80	1898.20	10/03/06	10/3/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-9D	37.95	1898.05	11/20/06	11/29/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-9D	38.13	1897.87	03/07/07	3/13/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		0.58 Jq	<0.2	
TT-MW2-9S	32.75	1902.71	10/03/06	10/3/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-9S	32.95	1902.51	11/20/06	11/29/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-9S	33.07	1902.39	03/07/07	3/13/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		<0.2	<0.2	
TT-MW2-10	54.78	1944.26	10/04/06	10/4/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-10	54.85	1944.19	11/20/06	11/28/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-10	54.91	1944.13	03/07/07	3/13/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		<0.2	<0.2	
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-11	42.95	1958.87	11/20/06	11/28/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-11	43.85	1957.97	03/07/07	3/13/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		<0.2	<0.2	
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered	20		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-12	46.20	1966.92	11/20/06	11/28/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-12	46.33	1966.79	03/07/07	3/13/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		0.24 Jq	<0.2	
TT-MW2-13	61.60	1984.29	10/4/2006	10/5/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-13	61.84	1984.05	11/20/06	11/28/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-13	62.28	1983.61	03/07/07	3/13/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	0.34 Jq				<0.2		<0.2	<0.2	
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-14	63.00	2009.12	03/07/07	3/14/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		0.27 Jq	<0.2	

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics																	
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	4-Chlorotoluene -ug/L	Chloroethane -ug/L	Chloromethane -ug/L	Carbon Tetrachloride -ug/L	Chloroform -ug/L	Dibromochloromethane -ug/L	1,2-Dibromo-3-Chloropropane -ug/L	Dibromomethane -ug/L	1,1-Dichloroethane -ug/L	1,2-Dichloroethane -ug/L	1,2-Dichlorobenzene -ug/L	1,3-Dichlorobenzene -ug/L	1,4-Dichlorobenzene -ug/L	1,1-Dichloroethene -ug/L	c-1,2-Dichloroethene -ug/L	t-1,2-Dichloroethene -ug/L	1,1-Dichloropropene -ug/L	c-1,3-Dichloropropene -ug/L
TT-MW2-7	16.63	1820.36	10/03/06	10/3/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-7	16.69	1820.30	11/20/06	11/8/2006	Unfiltered																		
TT-MW2-7	16.69	1820.30	11/20/06	11/29/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-7	16.15	1820.84	03/07/07	3/14/2007	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-8	14.52	1818.91	10/03/06	10/3/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-8	14.58	1818.85	11/20/06	11/8/2006	Unfiltered																		
TT-MW2-8	14.58	1818.85	11/20/06	11/29/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-8	13.90	1819.53	03/07/07	3/14/2007	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-9D	37.80	1898.20	10/03/06	10/3/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-9D	37.95	1898.05	11/20/06	11/29/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-9D	38.13	1897.87	03/07/07	3/13/2007	Unfiltered		<0.2	0.38 Jq	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-9S	32.75	1902.71	10/03/06	10/3/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-9S	32.95	1902.51	11/20/06	11/29/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-9S	33.07	1902.39	03/07/07	3/13/2007	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-10	54.78	1944.26	10/04/06	10/4/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-10	54.85	1944.19	11/20/06	11/28/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-10	54.91	1944.13	03/07/07	3/13/2007	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered		<0.2	0.69 Jq	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-11	42.95	1958.87	11/20/06	11/28/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-11	43.85	1957.97	03/07/07	3/13/2007	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-12	46.20	1966.92	11/20/06	11/28/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-12	46.33	1966.79	03/07/07	3/13/2007	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-13	61.60	1984.29	10/4/2006	10/5/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-13	61.84	1984.05	11/20/06	11/28/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-13	62.28	1983.61	03/07/07	3/13/2007	Unfiltered		<0.2	<0.2	<0.2	<0.2	0.21 Jq			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-14	63.00	2009.12	03/07/07	3/14/2007	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics																	
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	t-1,3-Dichloropropene -ug/L	1,2-Dichloropropane -ug/L	1,3-Dichloropropane -ug/L	2,2-Dichloropropane -ug/L	1,2-Dibromoethane -ug/L	Dichlorodifluoromethane -ug/L	Diisopropylether -ug/L	1,4-Dioxane -ug/L	Ethylbenzene -ug/L	Ethyl-tert-butylether -ug/L	2-Hexanone -ug/L	p-Isopropyltoluene -ug/L	Isopropylbenzene -ug/L	4-Methyl-2-Pentanone -ug/L	Methyl-t-Butyl Ether (MTBE) -ug/L	Methyl-t-Butyl Ether (MTBE) -ug/L	Methylene Chloride -ug/L	Naphthalene -ug/L
TT-MW2-7	16.63	1820.36	10/03/06	10/3/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<0.2	<0.2						<0.58	<0.2		<5			<5		<0.2	<0.5	
TT-MW2-7	16.69	1820.30	11/20/06	11/8/2006	Unfiltered																		
TT-MW2-7	16.69	1820.30	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-7	16.15	1820.84	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	
TT-MW2-8	14.52	1818.91	10/03/06	10/3/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	<0.2	<0.2						<0.58	<0.2		<5			<5		<0.2	<0.5	
TT-MW2-8	14.58	1818.85	11/20/06	11/8/2006	Unfiltered																		
TT-MW2-8	14.58	1818.85	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-8	13.90	1819.53	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	
TT-MW2-9D	37.80	1898.20	10/03/06	10/3/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-9D	37.95	1898.05	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-9D	38.13	1897.87	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	
TT-MW2-9S	32.75	1902.71	10/03/06	10/3/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-9S	32.95	1902.51	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-9S	33.07	1902.39	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	
TT-MW2-10	54.78	1944.26	10/04/06	10/4/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-10	54.85	1944.19	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-10	54.91	1944.13	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-11	42.95	1958.87	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-11	43.85	1957.97	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-12	46.20	1966.92	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-12	46.33	1966.79	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	
TT-MW2-13	61.60	1984.29	10/4/2006	10/5/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-13	61.84	1984.05	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-13	62.28	1983.61	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	380	
TT-MW2-14	63.00	2009.12	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	330	

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics															
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	n-Nitrosodimethylamine -ng/L	n-Propylbenzene -ug/L	RDX -ug/L	Styrene -ug/L	Toluene -ug/L	1,1,1,2-Tetrachloroethane -ug/L	1,1,1-Trichloroethane -ug/L	1,1,2-Trichloroethane -ug/L	1,2,3-Trichlorobenzene -ug/L	1,2,4-Trichlorobenzene -ug/L	Trichloroethene -ug/L	1,2,3-Trichloropropane -ug/L	Trichlorofluoromethane -ug/L	1,1,2-Trichloro-1,2,2-Trifluoroethane -ug/L	1,2,4-Trimethylbenzene -ug/L	1,3,5-Trimethylbenzene -ug/L
TT-MW2-7	16.63	1820.36	10/03/06	10/3/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered			<0.2	<0.2	<0.2		<0.2	<0.2			<0.2	<0.0025				
TT-MW2-7	16.69	1820.30	11/20/06	11/8/2006	Unfiltered																
TT-MW2-7	16.69	1820.30	11/20/06	11/29/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-7	16.15	1820.84	03/07/07	3/14/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-8	14.52	1818.91	10/03/06	10/3/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered			<0.2	<0.2	<0.2		<0.2	<0.2			<0.2	<0.0025				
TT-MW2-8	14.58	1818.85	11/20/06	11/8/2006	Unfiltered																
TT-MW2-8	14.58	1818.85	11/20/06	11/29/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-8	13.90	1819.53	03/07/07	3/14/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-9D	37.80	1898.20	10/03/06	10/3/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-9D	37.95	1898.05	11/20/06	11/29/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-9D	38.13	1897.87	03/07/07	3/13/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-9S	32.75	1902.71	10/03/06	10/3/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-9S	32.95	1902.51	11/20/06	11/29/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-9S	33.07	1902.39	03/07/07	3/13/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-10	54.78	1944.26	10/04/06	10/4/2006	Unfiltered				<0.2	0.31 Jq		<0.2	<0.2			<0.2					
TT-MW2-10	54.85	1944.19	11/20/06	11/28/2006	Unfiltered				<0.2	0.28 Jq		<0.2	<0.2			<0.2					
TT-MW2-10	54.91	1944.13	03/07/07	3/13/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered			<0.2	<0.2	<0.2		<0.2	<0.2			7.1	<0.0025				
TT-MW2-11	42.95	1958.87	11/20/06	11/28/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			4.8					
TT-MW2-11	43.85	1957.97	03/07/07	3/13/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			4.7					
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered			<0.2	<0.2	0.22 Jq		<0.2	<0.2			<0.2	<0.0025				
TT-MW2-12	46.20	1966.92	11/20/06	11/28/2006	Unfiltered				<0.2	0.26 Jq		<0.2	<0.2			<0.2					
TT-MW2-12	46.33	1966.79	03/07/07	3/13/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-13	61.60	1984.29	10/4/2006	10/5/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-13	61.84	1984.05	11/20/06	11/28/2006	Unfiltered				<0.2	0.2 Jq		<0.2	<0.2			<0.2					
TT-MW2-13	62.28	1983.61	03/07/07	3/13/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered			<0.2	<0.2	<0.2		<0.2	<0.2			<0.2	<0.0025				
TT-MW2-14	63.00	2009.12	03/07/07	3/14/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics						
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,1,2,2-Tetrachloroethane -ug/L	Tetrachloroethene -ug/L	Vinyl Acetate -ug/L	Vinyl Chloride -ug/L	p/m-Xylene -ug/L	m,p-Xylenes -ug/L	o-Xylene -ug/L
TT-MW2-7	16.63	1820.36	10/03/06	10/3/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-7	16.69	1820.30	11/20/06	11/8/2006	Unfiltered							
TT-MW2-7	16.69	1820.30	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-7	16.15	1820.84	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-8	14.52	1818.91	10/03/06	10/3/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-8	14.58	1818.85	11/20/06	11/8/2006	Unfiltered							
TT-MW2-8	14.58	1818.85	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-8	13.90	1819.53	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-9D	37.80	1898.20	10/03/06	10/3/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-9D	37.95	1898.05	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-9D	38.13	1897.87	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-9S	32.75	1902.71	10/03/06	10/3/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-9S	32.95	1902.51	11/20/06	11/29/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-9S	33.07	1902.39	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-10	54.78	1944.26	10/04/06	10/4/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-10	54.85	1944.19	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-10	54.91	1944.13	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-11	42.95	1958.87	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-11	43.85	1957.97	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-12	46.20	1966.92	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-12	46.33	1966.79	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-13	61.60	1984.29	10/4/2006	10/5/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-13	61.84	1984.05	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-13	62.28	1983.61	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-14	63.00	2009.12	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics																
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Acetone -ug/L	tert-Amyl Methylether -ug/L	Bromodichloromethane -ug/L	2-Butanone -ug/L	Bromobenzene -ug/L	Bromochloromethane -ug/L	Bromomethane -ug/L	tert-Butanol -ug/L	Bromoform -ug/L	n-Butylbenzene -ug/L	sec-Butylbenzene -ug/L	tert-Butylbenzene -ug/L	Benzene -ug/L	Chlorodibromomethane -ug/L	Carbon Disulfide -ug/L	Chlorobenzene -ug/L	2-Chlorotoluene -ug/L
TT-MW2-16	55.96	2079.23	10/3/2006	10/3/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-16	56.18	2079.01	11/20/06	11/28/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				0.22 Jq		<0.2	<0.2	
TT-MW2-16	56.65	2078.54	03/07/07	3/13/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		<0.2	<0.2	
TT-MW2-17D	70.54	2024.79	11/20/06	11/20/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-17D	70.67	2024.66	03/07/07	3/14/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		<0.2	<0.2	
TT-MW2-17S	70.49	2025.06	11/20/06	11/20/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-17S	70.56	2024.99	03/07/07	3/14/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		<0.2	<0.2	
TT-MW2-18	51.36	1981.16	10/4/2006	10/4/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-18	51.49	1981.03	11/20/06	11/28/2006	Unfiltered	<5		<0.2	<5			<0.2		<0.3				<0.2		<0.2	<0.2	
TT-MW2-18	52.08	1980.44	03/07/07	3/14/2007	Unfiltered	<5	<0.2	<0.2	<5			<0.2	<5	<0.3				<0.2		0.22 Jq	<0.2	

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics																	
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	4-Chlorotoluene -ug/L	Chloroethane -ug/L	Chloromethane -ug/L	Carbon Tetrachloride -ug/L	Chloroform -ug/L	Dibromochloromethane -ug/L	1,2-Dibromo-3-Chloropropane -ug/L	Dibromomethane -ug/L	1,1-Dichloroethane -ug/L	1,2-Dichloroethane -ug/L	1,2-Dichlorobenzene -ug/L	1,3-Dichlorobenzene -ug/L	1,4-Dichlorobenzene -ug/L	1,1-Dichloroethene -ug/L	c-1,2-Dichloroethene -ug/L	t-1,2-Dichloroethene -ug/L	1,1-Dichloropropene -ug/L	c-1,3-Dichloropropene -ug/L
TT-MW2-16	55.96	2079.23	10/3/2006	10/3/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-16	56.18	2079.01	11/20/06	11/28/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-16	56.65	2078.54	03/07/07	3/13/2007	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-17D	70.54	2024.79	11/20/06	11/20/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-17D	70.67	2024.66	03/07/07	3/14/2007	Unfiltered		<0.2	0.31 Jq	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-17S	70.49	2025.06	11/20/06	11/20/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-17S	70.56	2024.99	03/07/07	3/14/2007	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-18	51.36	1981.16	10/4/2006	10/4/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-18	51.49	1981.03	11/20/06	11/28/2006	Unfiltered		<0.2	<0.2	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2
TT-MW2-18	52.08	1980.44	03/07/07	3/14/2007	Unfiltered		<0.2	0.21 Jq	<0.2	<0.2	<0.2			<0.2	<0.2				<0.2	<0.2	<0.2		<0.2

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics																	
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	t-1,3-Dichloropropene -ug/L	1,2-Dichloropropane -ug/L	1,3-Dichloropropane -ug/L	2,2-Dichloropropane -ug/L	1,2-Dibromoethane -ug/L	Dichlorodifluoromethane -ug/L	Diisopropylether -ug/L	1,4-Dioxane -ug/L	Ethylbenzene -ug/L	Ethyl-tert-butylether -ug/L	2-Hexanone -ug/L	p-Isopropyltoluene -ug/L	Isopropylbenzene -ug/L	4-Methyl-2-Pentanone -ug/L	Methyl-t-Butyl Ether (MTBE) -ug/L	Methyl-t-Butyl Ether (MTBE) -ug/L	Methylene Chloride -ug/L	Naphthalene -ug/L
TT-MW2-16	55.96	2079.23	10/3/2006	10/3/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-16	56.18	2079.01	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-16	56.65	2078.54	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	
TT-MW2-17D	70.54	2024.79	11/20/06	11/20/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-17D	70.67	2024.66	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	
TT-MW2-17S	70.49	2025.06	11/20/06	11/20/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-17S	70.56	2024.99	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	
TT-MW2-18	51.36	1981.16	10/4/2006	10/4/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-18	51.49	1981.03	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2							<0.2		<5			<5		<0.2	<0.5	
TT-MW2-18	52.08	1980.44	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2					<0.2		<0.2	<0.2	<5			<5		<0.2	<0.5	

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics															
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	n-Nitrosodimethylamine -ng/L	n-Propylbenzene -ug/L	RDX -ug/L	Styrene -ug/L	Toluene -ug/L	1,1,1,2-Tetrachloroethane -ug/L	1,1,1-Trichloroethane -ug/L	1,1,2-Trichloroethane -ug/L	1,2,3-Trichlorobenzene -ug/L	1,2,4-Trichlorobenzene -ug/L	Trichloroethene -ug/L	1,2,3-Trichloropropane -ug/L	Trichlorofluoromethane -ug/L	1,1,2-Trichloro-1,2,2-Trifluoroethane -ug/L	1,2,4-Trimethylbenzene -ug/L	1,3,5-Trimethylbenzene -ug/L
TT-MW2-16	55.96	2079.23	10/3/2006	10/3/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-16	56.18	2079.01	11/20/06	11/28/2006	Unfiltered				<0.2	0.29 Jq		<0.2	<0.2			<0.2					
TT-MW2-16	56.65	2078.54	03/07/07	3/13/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-17D	70.54	2024.79	11/20/06	11/20/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			3.2					
TT-MW2-17D	70.67	2024.66	03/07/07	3/14/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			0.66 Jq					
TT-MW2-17S	70.49	2025.06	11/20/06	11/20/2006	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					
TT-MW2-17S	70.56	2024.99	03/07/07	3/14/2007	Unfiltered				<0.2	0.26 Jq		<0.2	<0.2			<0.2					
TT-MW2-18	51.36	1981.16	10/4/2006	10/4/2006	Unfiltered				<0.2	0.84 Jq		<0.2	<0.2			<0.2					
TT-MW2-18	51.49	1981.03	11/20/06	11/28/2006	Unfiltered				<0.2	0.28 Jq		<0.2	<0.2			<0.2					
TT-MW2-18	52.08	1980.44	03/07/07	3/14/2007	Unfiltered				<0.2	<0.2		<0.2	<0.2			<0.2					

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Volatile Organics						
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,1,2,2-Tetrachloroethane -ug/L	Tetrachloroethene -ug/L	Vinyl Acetate -ug/L	Vinyl Chloride -ug/L	p/m-Xylene -ug/L	m,p-Xylenes -ug/L	o-Xylene -ug/L
TT-MW2-16	55.96	2079.23	10/3/2006	10/3/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-16	56.18	2079.01	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-16	56.65	2078.54	03/07/07	3/13/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-17D	70.54	2024.79	11/20/06	11/20/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-17D	70.67	2024.66	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-17S	70.49	2025.06	11/20/06	11/20/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-17S	70.56	2024.99	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-18	51.36	1981.16	10/4/2006	10/4/2006	Unfiltered	<0.2	<0.2		<0.2		0.52 Jq	0.23 Jq
TT-MW2-18	51.49	1981.03	11/20/06	11/28/2006	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2
TT-MW2-18	52.08	1980.44	03/07/07	3/14/2007	Unfiltered	<0.2	<0.2		<0.2		<0.5	<0.2

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Semivolatile Organics										
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Acenaphthene -ug/L	Acenaphthylene -ug/L	Aniline -ug/L	Anthracene -ug/L	Azobenzene -ug/L	Butyl benzyl phthalate -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	4-Bromophenyl-Phenyl Ether -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	22	<1.2
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	<1.4	<1.4	<1.2	<1.5	<1.7	<1.0	<1.2	<1.0	<1.5	<1.0	<1.2
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<4.7	<4.7		<4.7		<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	<4.9	<4.9		<4.9		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered	<5.1	<5.1		<5.1		<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered	<17	<17		<17		<17	<17	<17	<17	17 Jq	<17
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered	<4.9 UJe	<4.9 UJe		<4.9 UJe		<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Semivolatile Organics												
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Benzo(a)anthracene -ug/L	Benzoic Acid -ug/L	Benzo(a)pyrene -ug/L	Benzo (b) Fluoranthene -ug/L	Benzidine -ug/L	Benzo (g,h,i) Perylene -ug/L	Benzo(k)fluoranthene -ug/L	Benzyl Alcohol -ug/L	4-Chloro-3-methylphenol -ug/L	bis(2-Chloroethoxy) methane -ug/L	bis(2-Chloroethyl) ether -ug/L	bis(2-Chloroisopropyl) ether -ug/L	Chrysene -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2	<1.2	<1.0	<1.5	<1.3
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2				<1.3
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2				<1.3
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2	<1.2	<1.0	<1.5	<1.3
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2				<1.3
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2	<1.2	<1.0	<1.5	<1.3
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2				<1.3
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2				<1.3
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2	<1.2	<1.0	<1.5	<1.3
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2				<1.3
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2	<1.2	<1.0	<1.5	<1.3
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2				<1.3
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	<1.1	<0.43	<0.88	<1.2	<0.62	<0.71	<1.7	<1.0	<1.2				<1.3
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<4.7		<4.7	<4.7		<4.7	<4.7		<4.7				<4.7
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	<4.9		<4.9	<4.9		<4.9	<4.9		<4.9				<4.9
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered	<5.1		<5.1	<5.1		<5.1	<5.1		<5.1				<5.1
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered	<17		<17	<17		<17	<17		<17				<17
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered	<4.9 UJe		<4.9 UJe	<4.9 UJe		<4.9 UJe	<4.9 UJe		<4.9 UJe				<4.9 UJe

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Semivolatile Organics									
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	4-Chloroaniline -ug/L	2-Chlorophenol -ug/L	2-Chloronaphthalene -ug/L	4-Chlorophenyl phenyl ether -ug/L	Dibenz (a,h) Anthracene -ug/L	Dibenzofuran -ug/L	3,3'-Dichlorobenzidine -ug/L	1,2-Dichlorobenzene -ug/L	1,3-Dichlorobenzene -ug/L	1,4-Dichlorobenzene -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	<1.3	<1.0	<1.3	<1.2	<0.82	<1.4	<1.3	<1.1	<1.2	<1.1
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered	<17	<17	<17	<17	<17	<17	<17	<17	<17	<17
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Semivolatile Organics										
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	2,4-Dichlorophenol -ug/L	Diethyl phthalate -ug/L	7,12-Dimethylbenz[a]anthracene -ug/L	2,4-Dimethylphenol -ug/L	Dimethyl Phthalate -ug/L	4,6-Dinitro-2-methylphenol -ug/L	Di-n-Butyl Phthalate -ug/L	Di-n-octylphthalate -ug/L	2,4-Dinitrophenol -ug/L	2,4-Dinitrotoluene -ug/L	2,6-Dinitrotoluene -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	<1.1	<1.4	<1.0	<1.2	<1.3	<3.4	<1.5	<1.0	<2.6	<1.0	<1.1
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<4.7	<4.7		<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	<4.9	<4.9		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered	<5.1	<5.1		<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered	<17	<17		<17	<17	<17	<17	<17	<17	<17	<17
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered	<4.9 UJe	<4.9 UJe		<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe

Consolidation Data Summary Table - Groundwater
Beaumont Site 2

	Water Level Data					Semivolatile Organics										
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	bis(2-Ethylhexyl) phthalate -ug/L	Fluorene -ug/L	Fluoranthene -ug/L	Hexachlorobutadiene -ug/L	Hexachlorocyclopentadiene -ug/L	Hexachlorobenzene -ug/L	Hexachloroethane -ug/L	Indeno(1,2,3-c,d)pyrene -ug/L	Isophorone -ug/L	2-Methylphenol (o-Cresol) -ug/L	4-Methylphenol -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<1.0	<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered		<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered		<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<1.0	<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered		<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	22	<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered		<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered		<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<1.0	<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered		<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<1.0	<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered		<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered		<1.4	<1.5	<1.2	<0.44	<1.2	<0.98	<0.83	<1.2	<1.1	
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered		<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered		<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered		<17	<17	<17	<17	<17	<17	<17	<17	<17	<17
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered		<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe

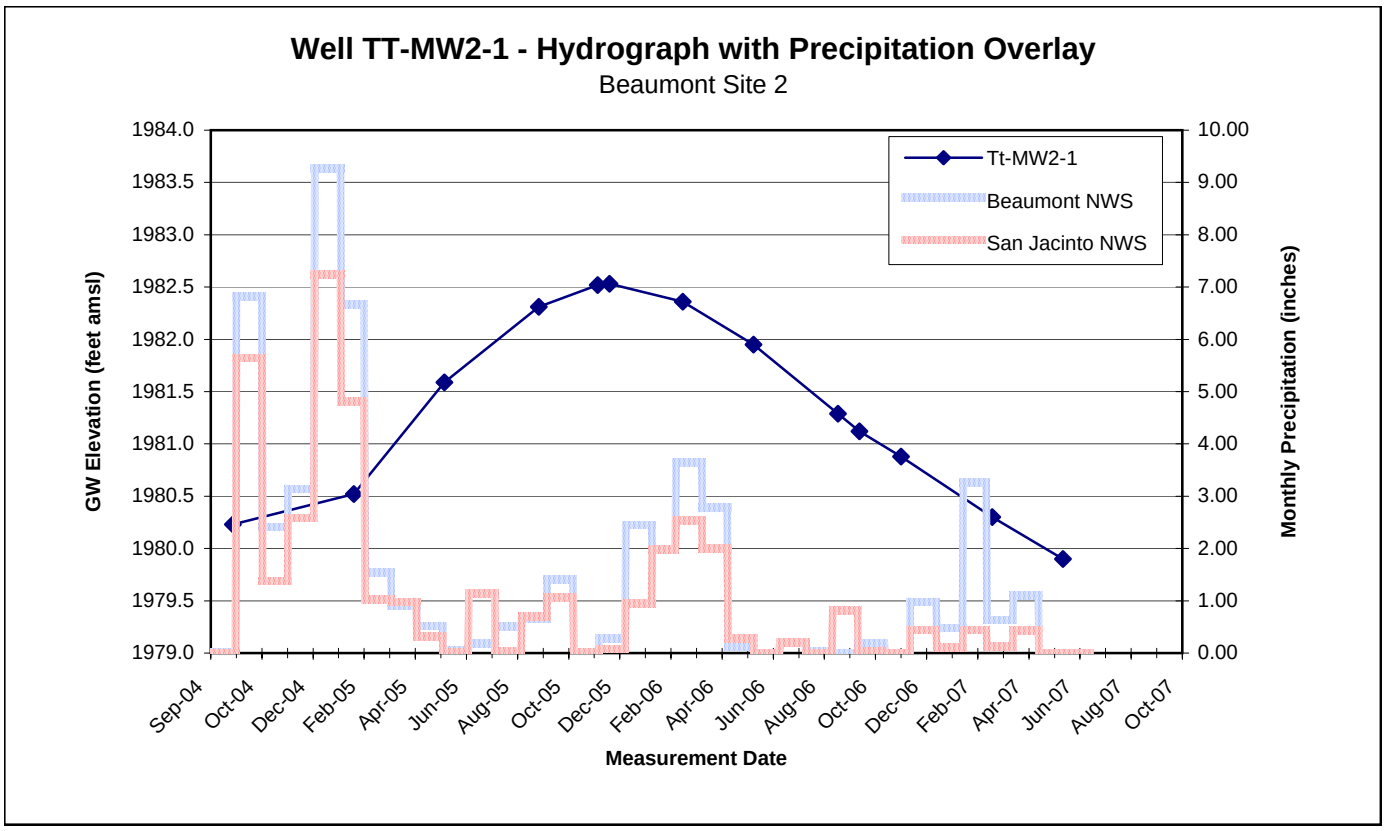
Consolidation Data Summary Table - Groundwater
Beaumont Site 2

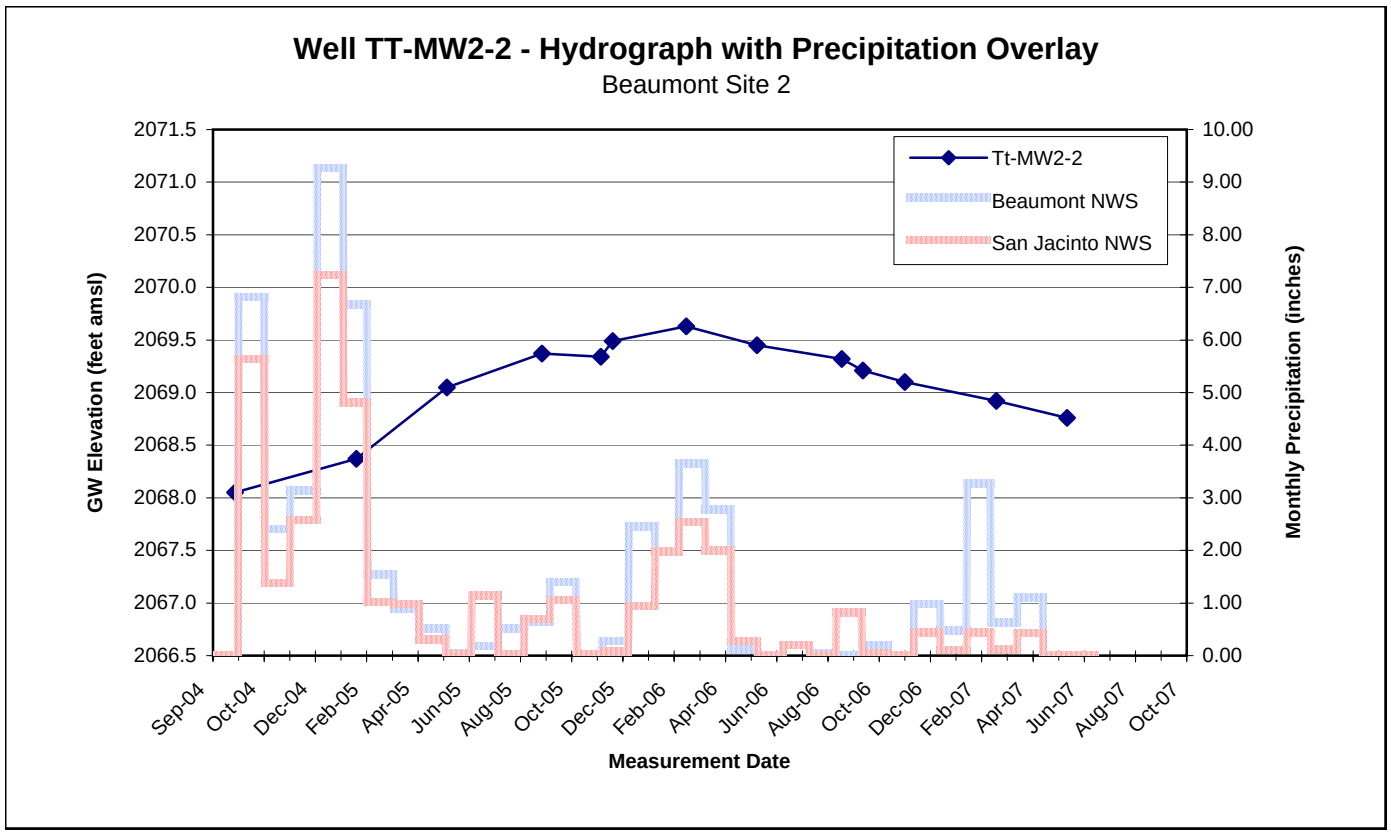
	Water Level Data					Semivolatile Organics										
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1-Methylnaphthalene -ug/L	2-Methylnaphthalene -ug/L	Naphthalene -ug/L	N-Nitrosodimethylamine -ug/L	N-Nitrosodiphenylamine -ug/L	N-Nitrosodi-n-propylamine -ug/L	2-Nitroaniline -ug/L	3-Nitroaniline -ug/L	4-Nitroaniline -ug/L	Nitrobenzene -ug/L	2-Nitrophenol -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	<1.4	<1.2	<1.4	<1.1	<1.4	<1.3	<1.0	<1.2	<2.4	<1.3	<1.2
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered		<4.7	<4.7		<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered		<4.9	<4.9		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered		<5.1	<5.1		<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered		<17	<17		<17	<17	<17	<17	<17	<17	<17
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered		<4.9 UJe	<4.9 UJe		<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe

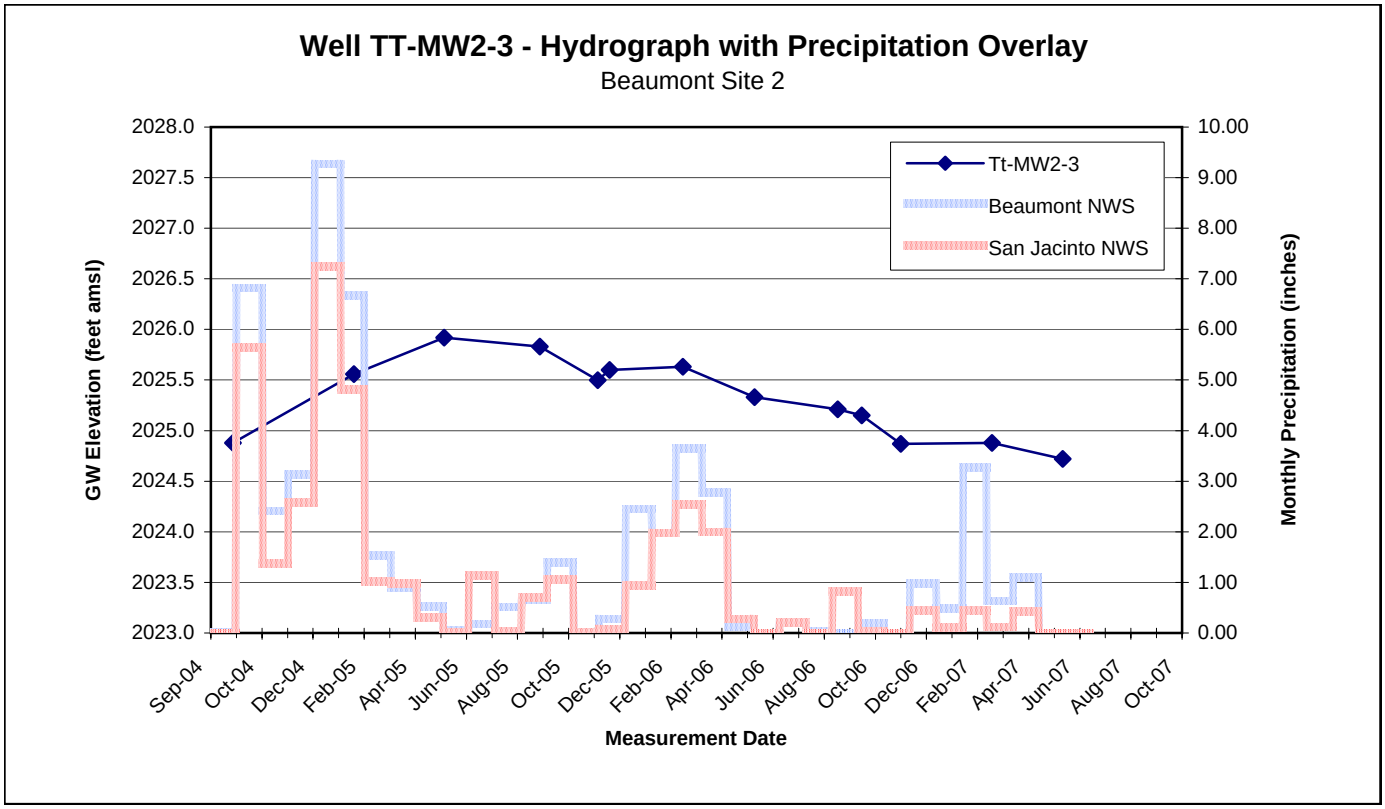
Consolidation Data Summary Table - Groundwater
Beaumont Site 2

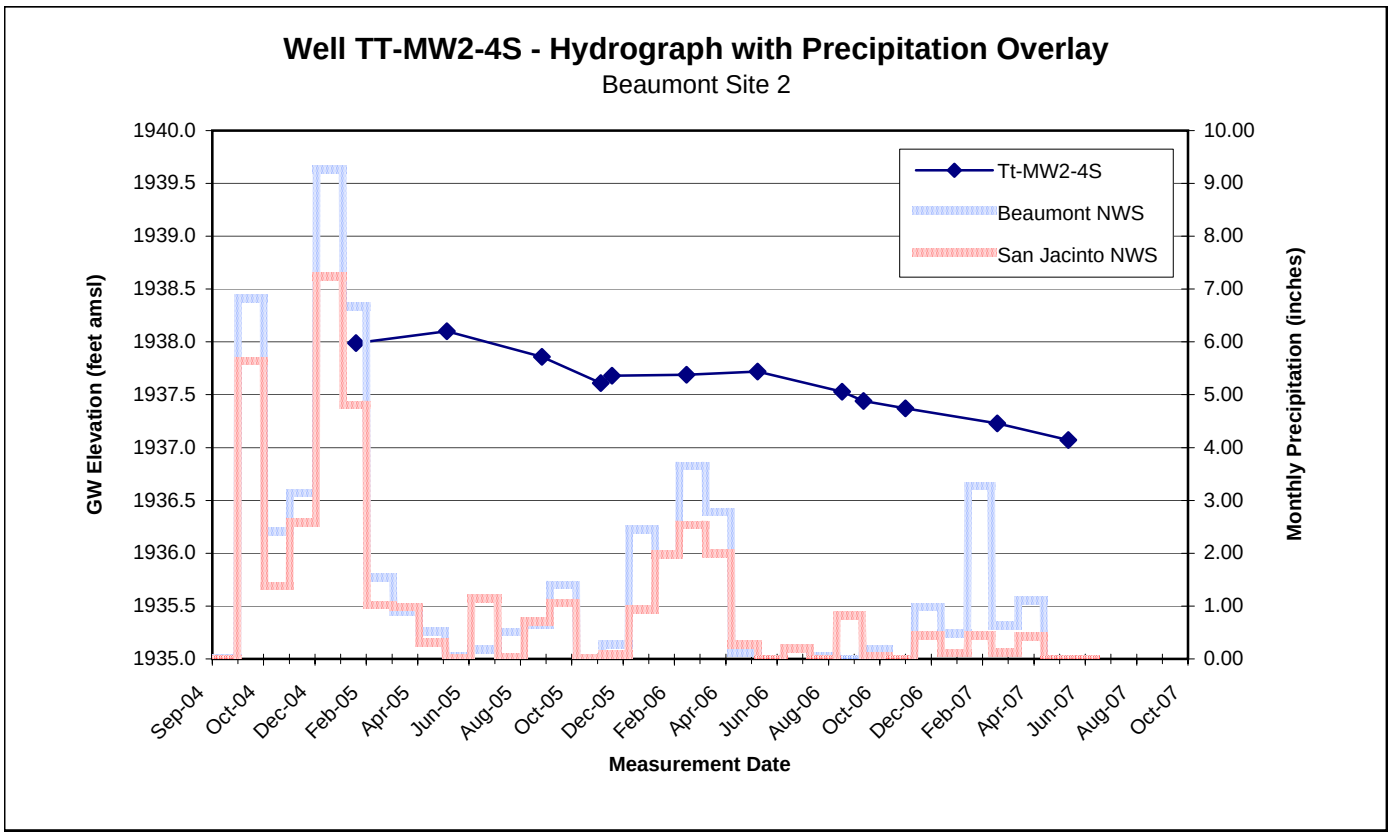
	Water Level Data					Semivolatile Organics								
Sample Location	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	4-Nitrophenol -ug/L	Pentachlorophenol -ug/L	Phenanthrene -ug/L	Phenol -ug/L	Pyrene -ug/L	Pyridine -ug/L	1,2,4-Trichlorobenzene -ug/L	2,4,5-Trichlorophenol -ug/L	2,4,6-Trichlorophenol -ug/L
TT-MW2-1	52.67	1980.23	09/27/04	9/27/2004	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-1	52.38	1980.52	02/16/05	2/16/2005	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-1	50.95	1981.95	05/31/06	6/27/2006	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-2	67.68	2068.05	09/27/04	9/27/2004	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-2	67.36	2068.37	02/16/05	2/16/2005	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-3	67.22	2024.88	09/27/04	9/27/2004	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-3	66.54	2025.56	02/16/05	2/16/2005	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-3	66.77	2025.33	06/01/06	6/27/2006	Unfiltered	<0.86	<0.75 UJc	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-4D	74.98	1909.58	09/27/04	9/27/2004	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-4D	53.65	1930.91	02/16/05	2/16/2005	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-4S	49.14	1935.42	09/27/04	9/27/2004	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-4S	46.57	1937.99	02/16/05	2/16/2005	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-5	34.44	1874.06	05/31/06	6/26/2006	Unfiltered	<0.86	<0.75	<1.5	<1.2	<1.4	<1.4	<1.3	<0.97	<1.2
TT-MW2-7	16.69	1820.30	11/20/06	11/6/2006	Unfiltered	<4.7	<4.7	<4.7	<4.7	<4.7		<4.7	<4.7	<4.7
TT-MW2-8	14.58	1818.85	11/20/06	11/6/2006	Unfiltered	<4.9	<4.9	<4.9	<4.9	<4.9		<4.9	<4.9	<4.9
TT-MW2-11	42.60	1959.22	10/5/2006	10/5/2006	Unfiltered	<5.1	<5.1	<5.1	<5.1	<5.1		<5.1	<5.1	<5.1
TT-MW2-12	46.12	1967.00	10/5/2006	10/5/2006	Unfiltered	<17	<17	<17	<17	<17		<17	<17	<17
TT-MW2-14	62.51	2009.61	11/20/06	11/20/2006	Unfiltered	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe	<4.9 UJe		<4.9 UJe	<4.9 UJe	<4.9 UJe

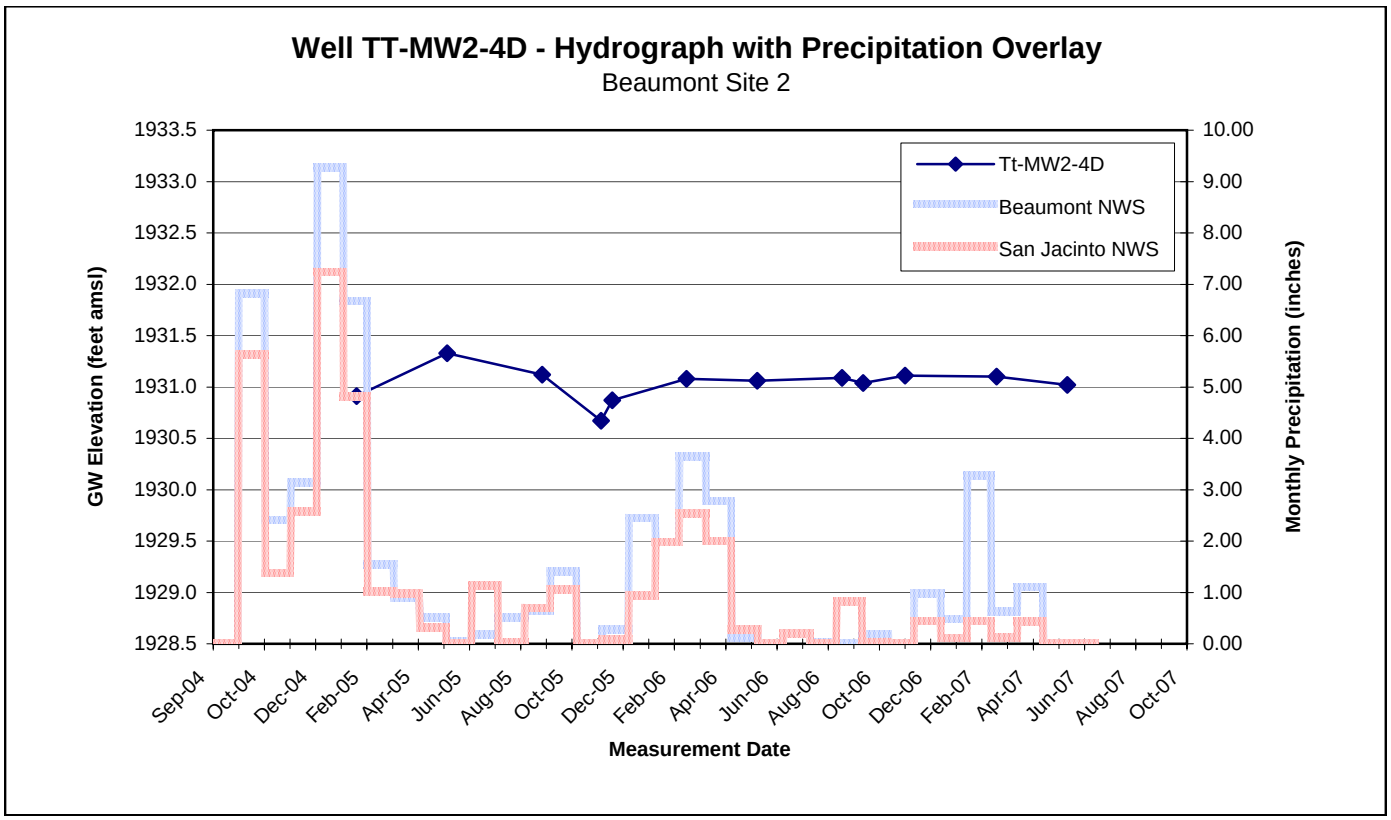
APPENDIX B – WATER LEVEL HYDROGRAPHS

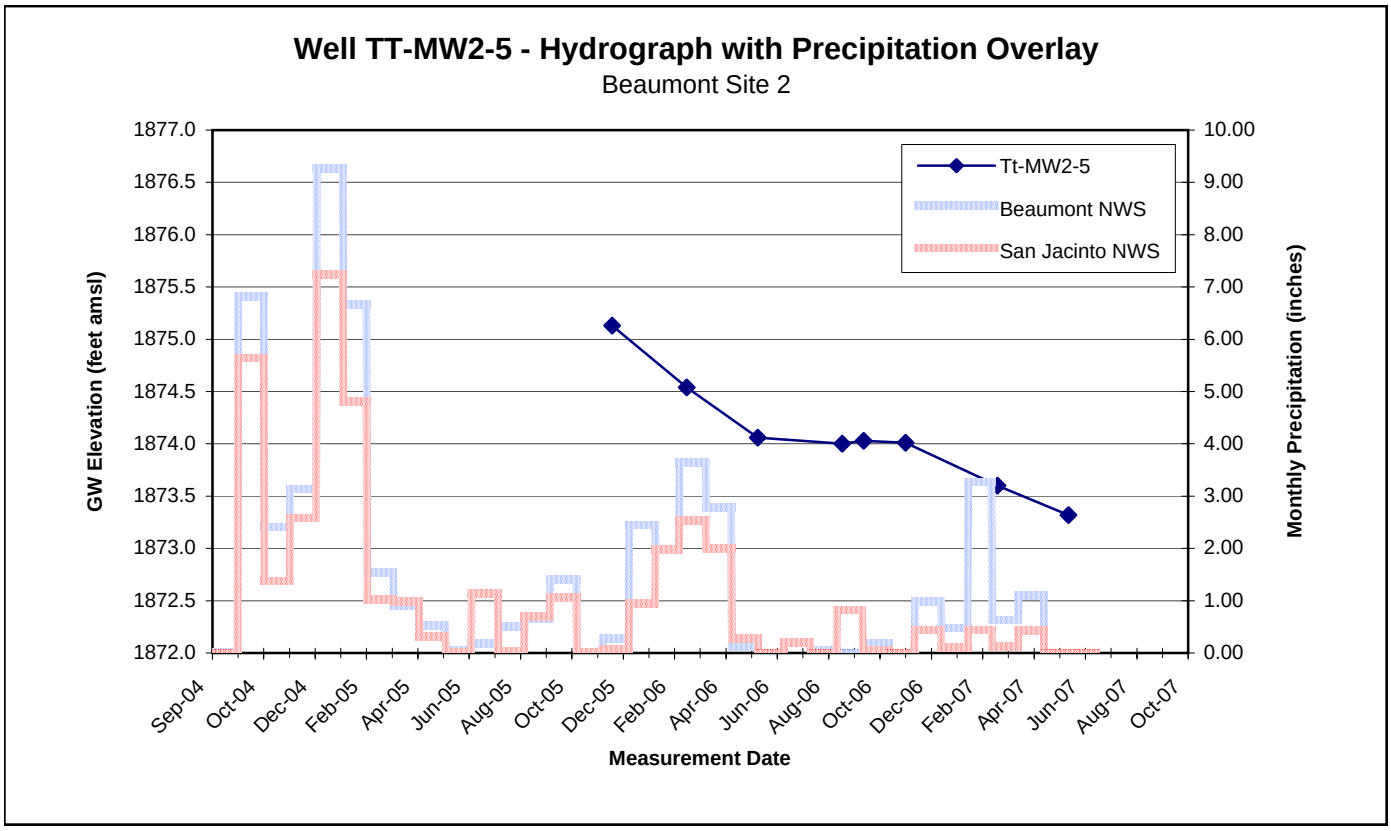

Well TT-MW2-1 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-1
Beaumont NWS
San Jacinto NWS
1984.0
1983.5
1983.0
1982.5
1982.0
1981.5
1981.0
1980.5
1980.0
1979.5
1979.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-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
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07


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
Sep-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
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07

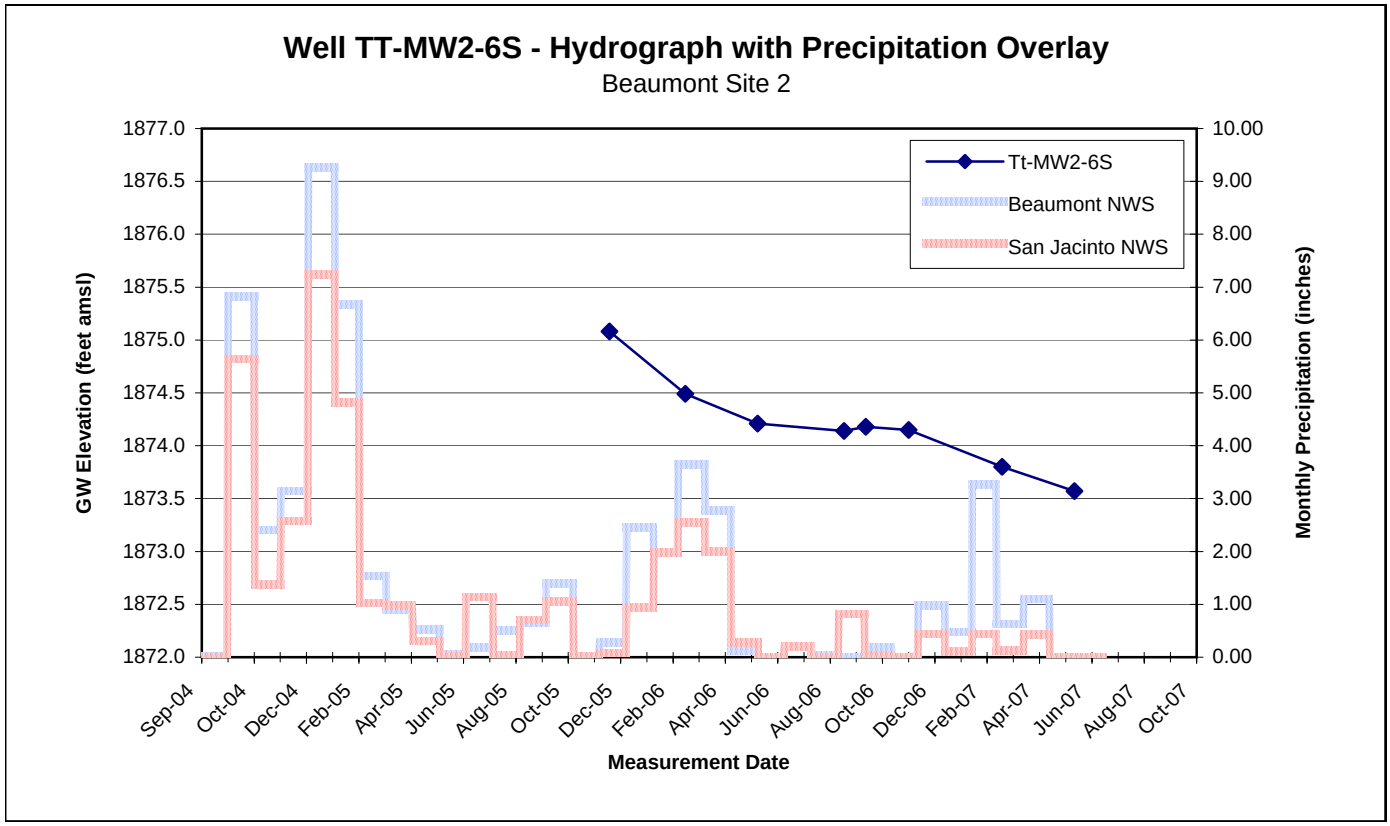

Well TT-MW2-3 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-3
Beaumont NWS
San Jacinto NWS
2028.0
2027.5
2027.0
2026.5
2026.0
2025.5
2025.0
2024.5
2024.0
2023.5
2023.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-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
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07

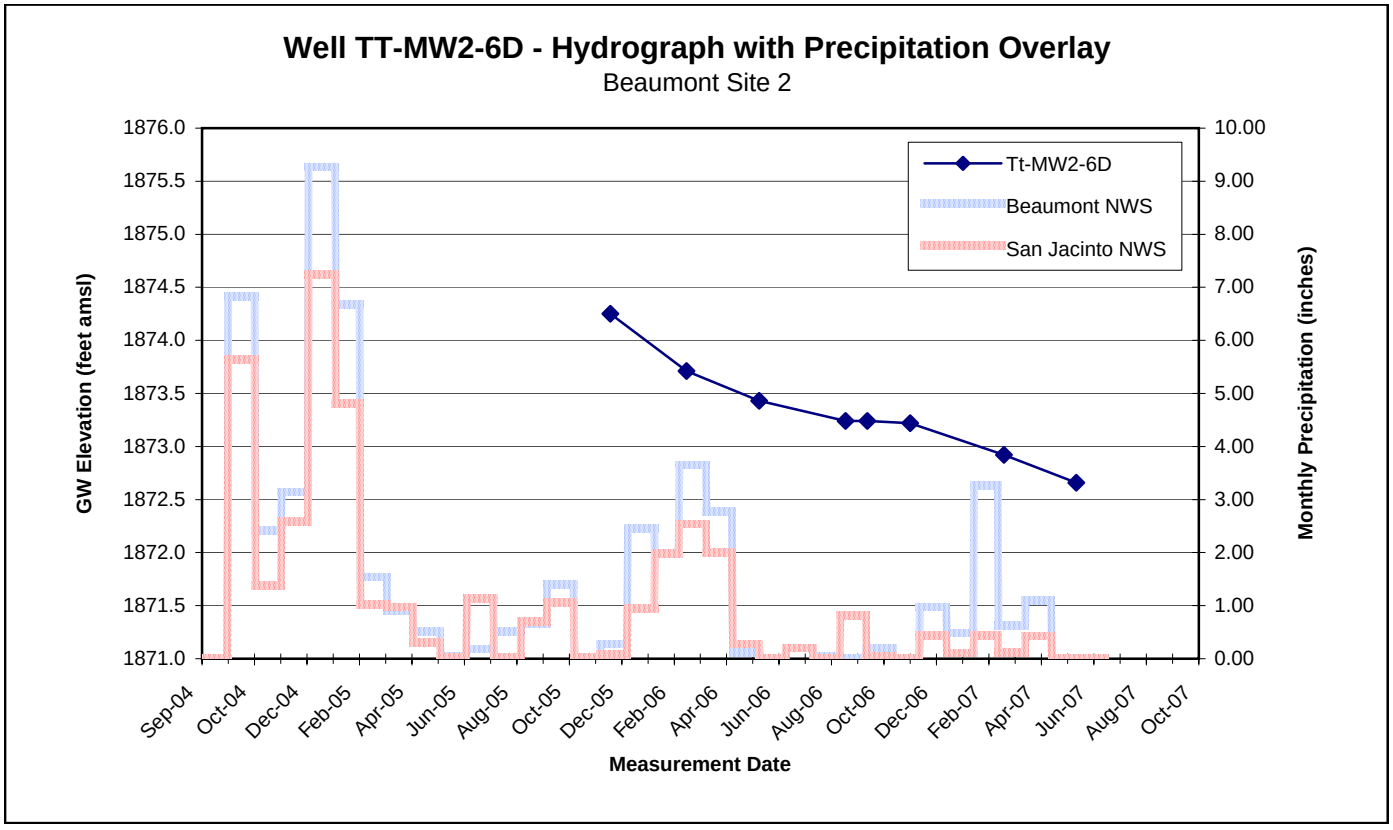

Well TT-MW2-4S - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-4S
Beaumont NWS
San Jacinto NWS
1940.0
1939.5
1939.0
1938.5
1938.0
1937.5
1937.0
1936.5
1936.0
1935.5
1935.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-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
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07



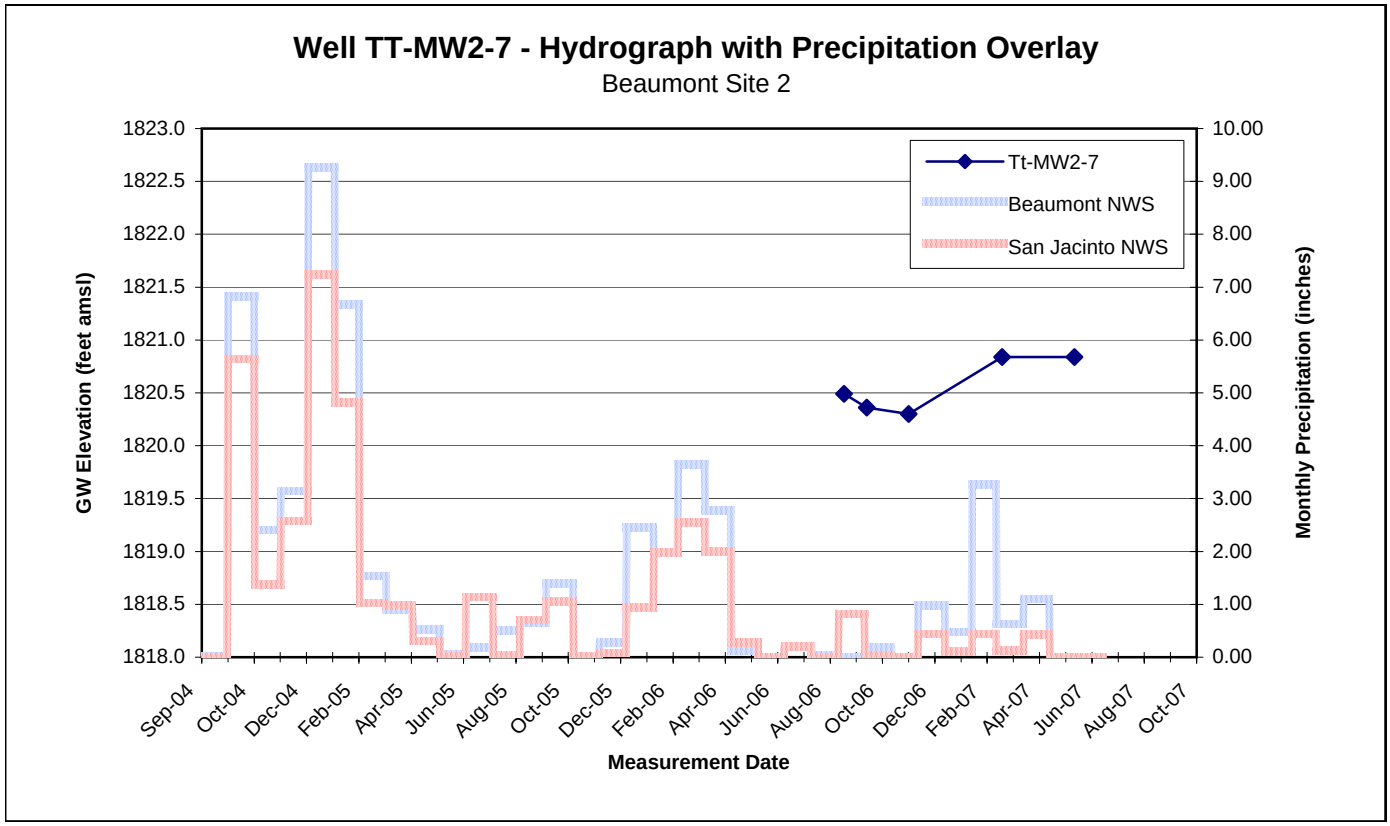


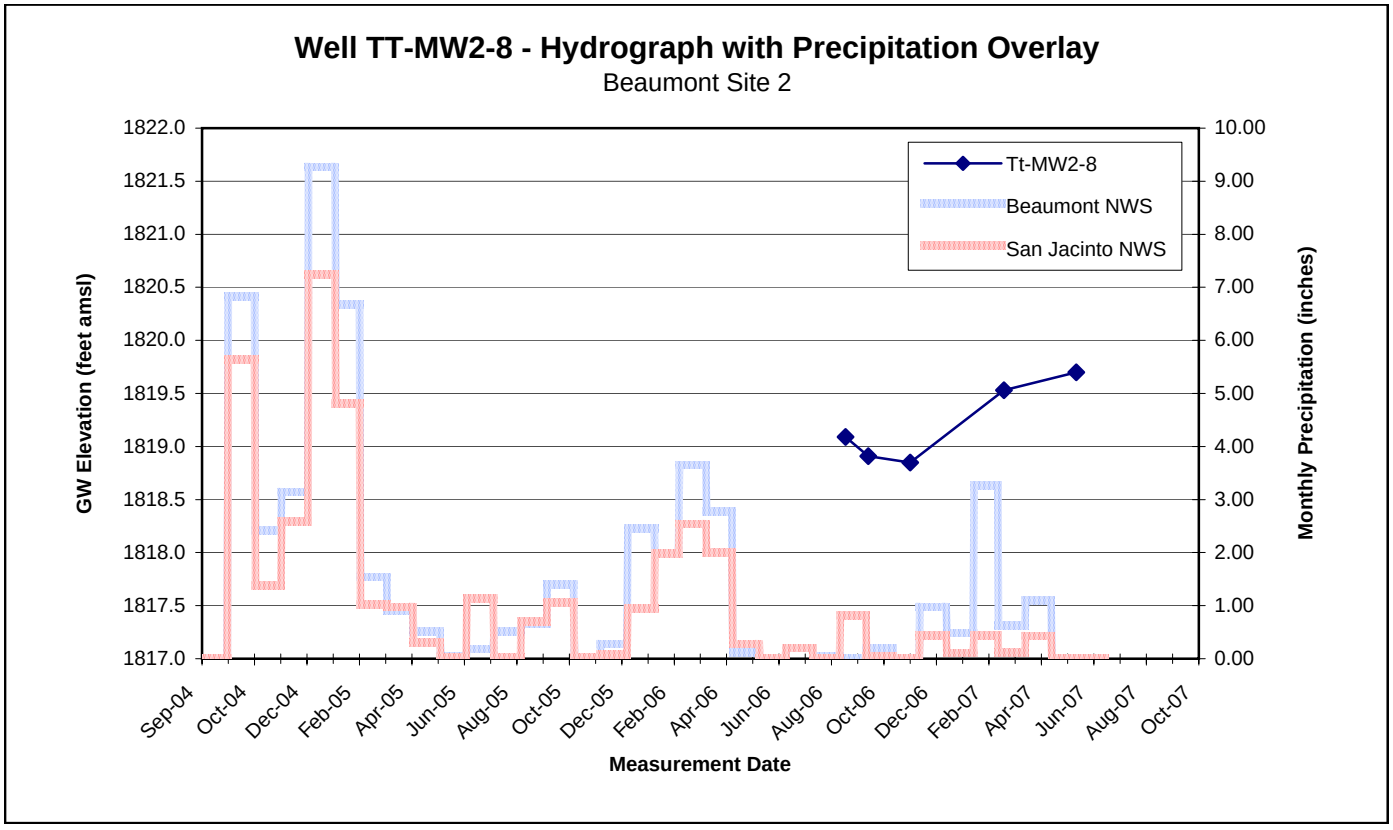
Note: Monitoring well TT-MW2-5 groundwater elevations shown are estimated.

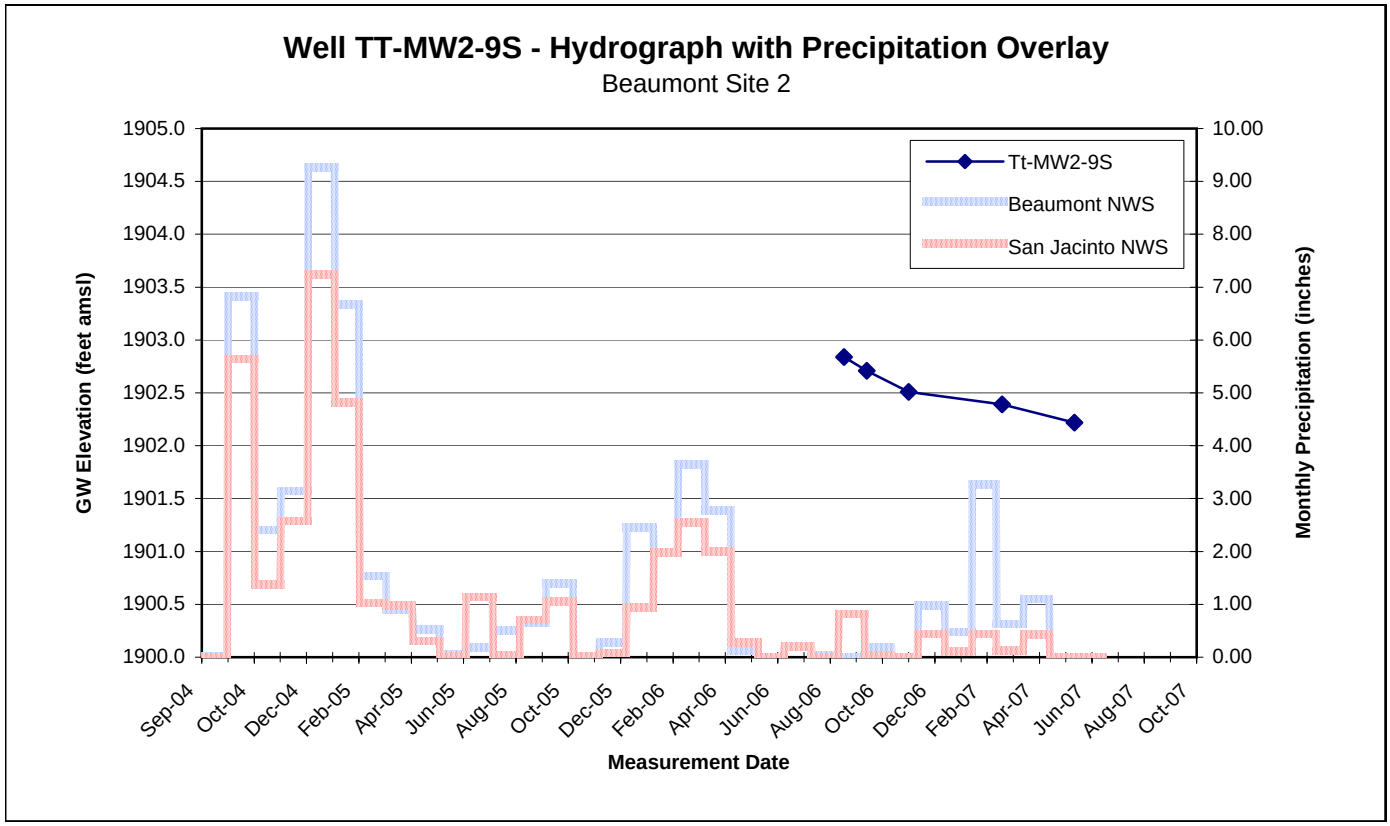




Note: Monitoring wells TT-MW2-6S and TT-MW2-6D groundwater elevations shown are estimated.


Well TT-MW2-7 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-7
Beaumont NWS
San Jacinto NWS
1823.0
1822.5
1822.0
1821.5
1821.0
1820.5
1820.0
1819.5
1819.0
1818.5
1818.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-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
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07


Well TT-MW2-8 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-8
Beaumont NWS
San Jacinto NWS
1822.0
1821.5
1821.0
1820.5
1820.0
1819.5
1819.0
1818.5
1818.0
1817.5
1817.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-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
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07


Well TT-MW2-9S - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-9S
Beaumont NWS
San Jacinto NWS
1905.0
1904.5
1904.0
1903.5
1903.0
1902.5
1902.0
1901.5
1901.0
1900.5
1900.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
Dec-05
Feb-06
Apr-06
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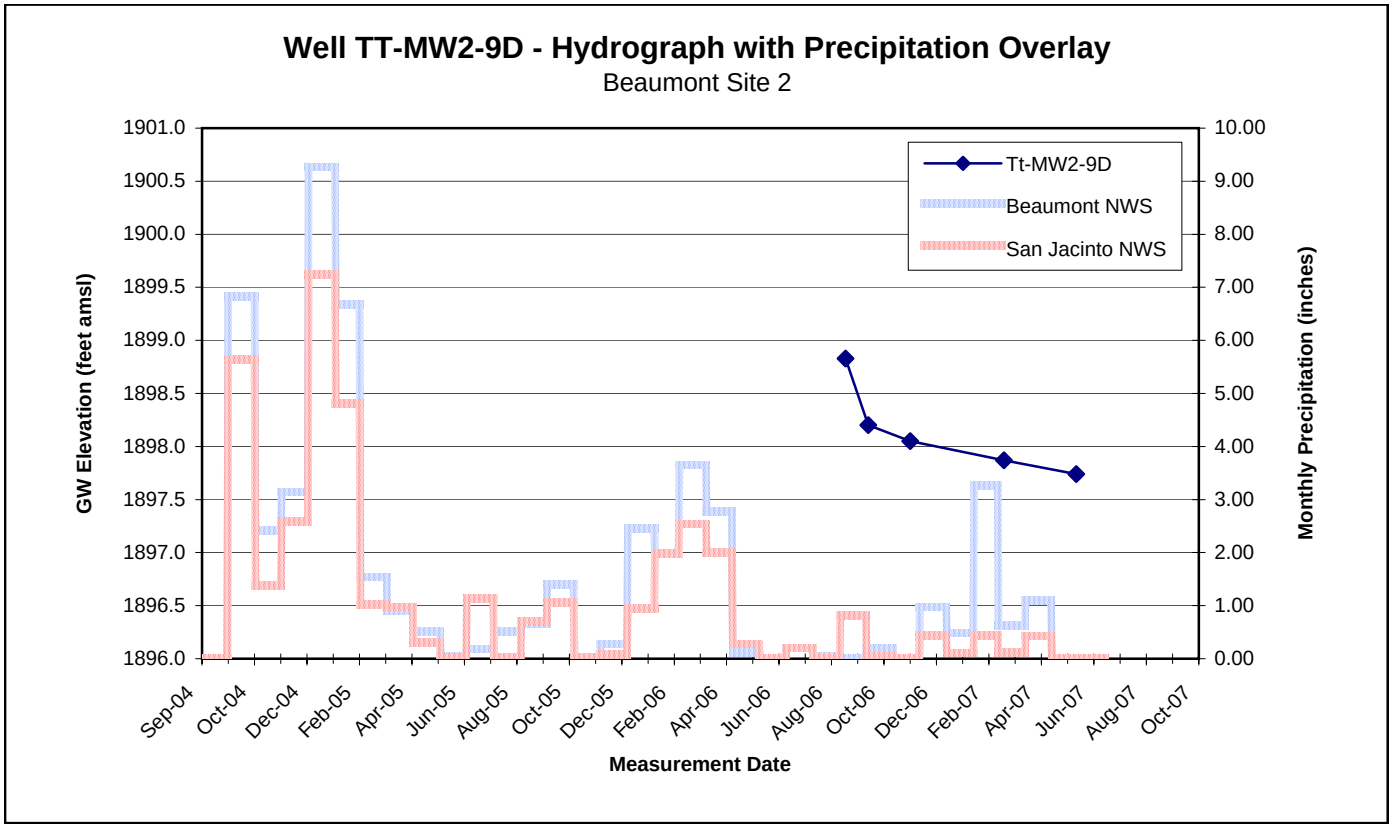
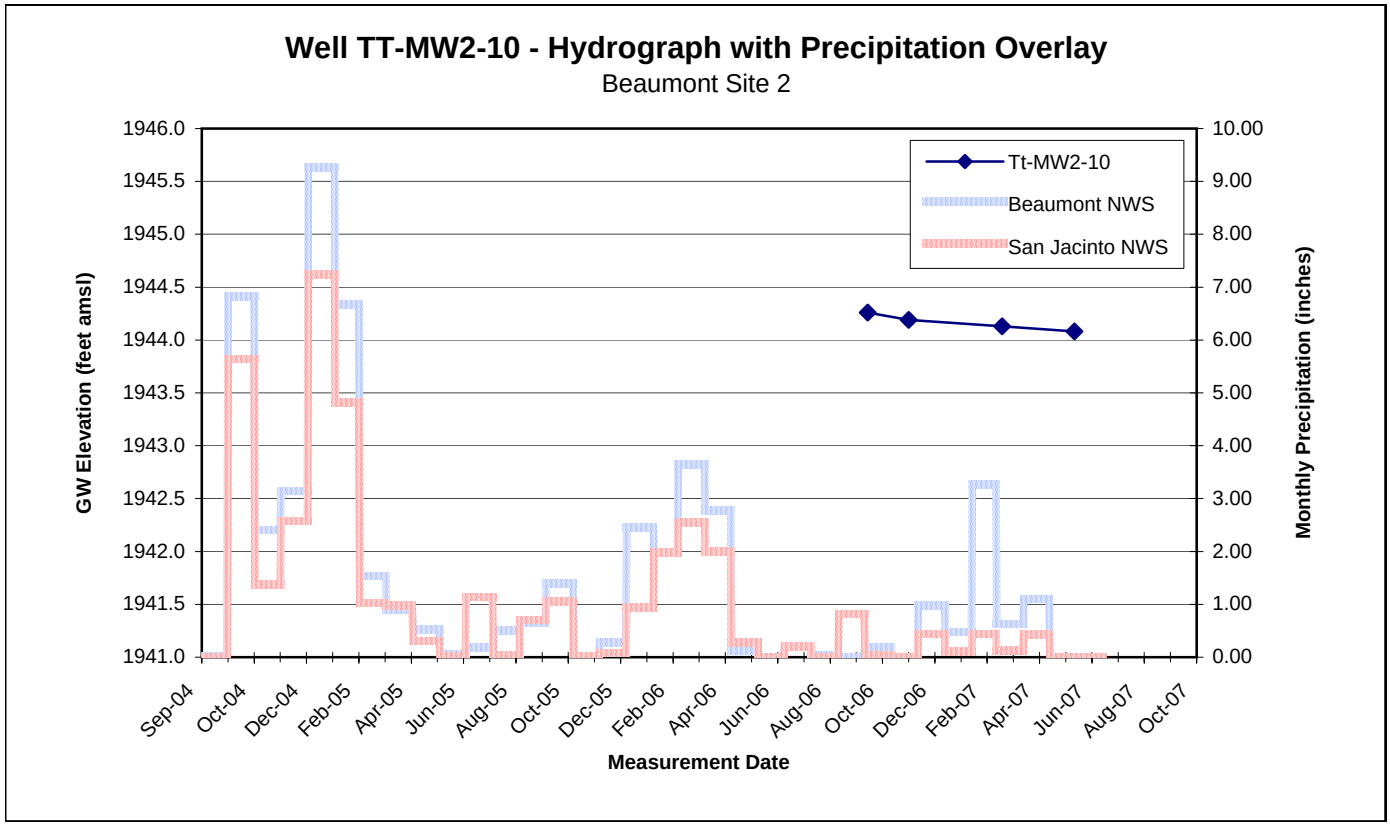
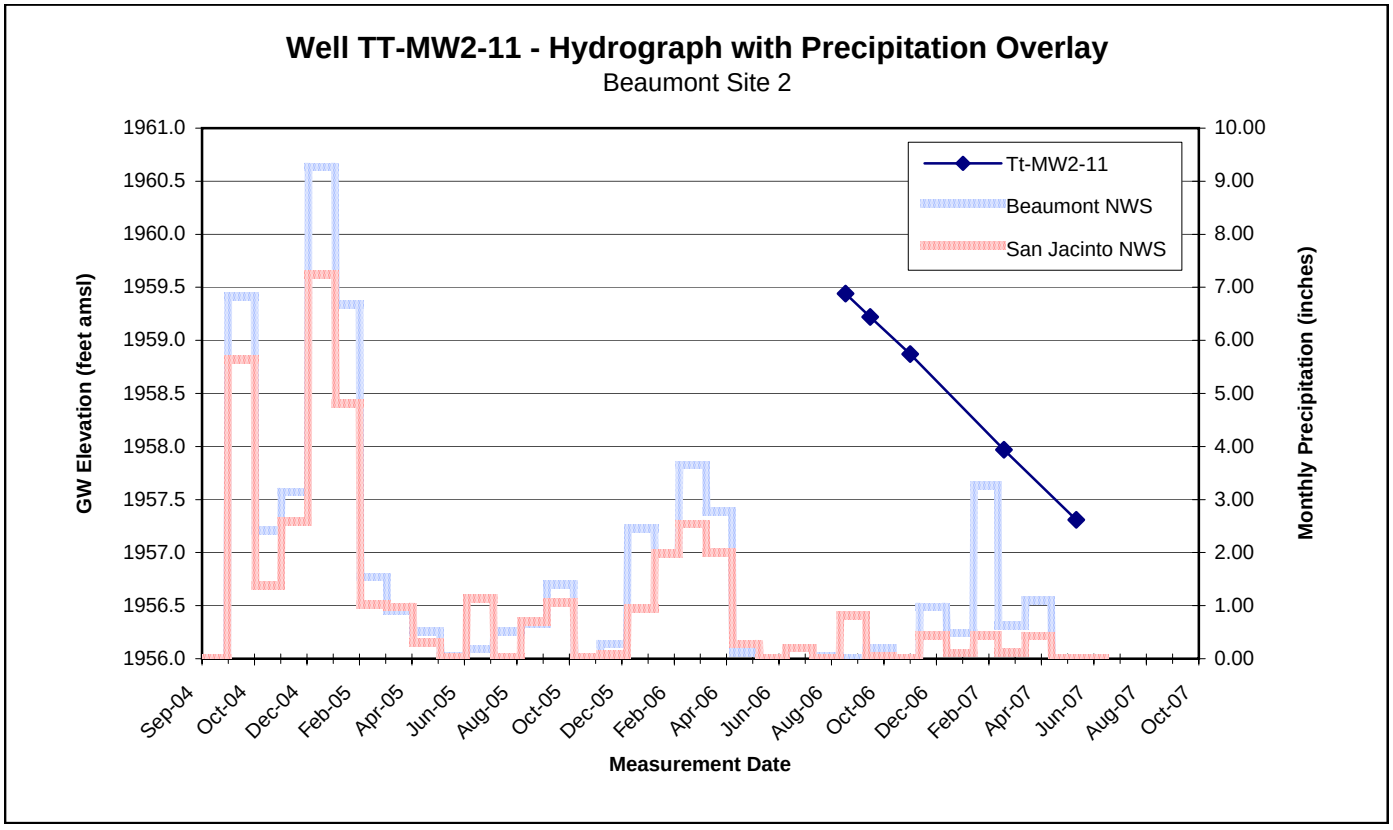
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07


Well TT-MW2-9D - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-9D
Beaumont NWS
San Jacinto NWS
1901.0
1900.5
1900.0
1899.5
1899.0
1898.5
1898.0
1897.5
1897.0
1896.5
1896.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-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
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07


Well TT-MW2-10 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-10
Beaumont NWS
San Jacinto NWS
1946.0
1945.5
1945.0
1944.5
1944.0
1943.5
1943.0
1942.5
1942.0
1941.5
1941.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-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
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07


Well TT-MW2-11 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-11
Beaumont NWS
San Jacinto NWS
1961.0
1960.5
1960.0
1959.5
1959.0
1958.5
1958.0
1957.5
1957.0
1956.5
1956.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-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
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Dec-06
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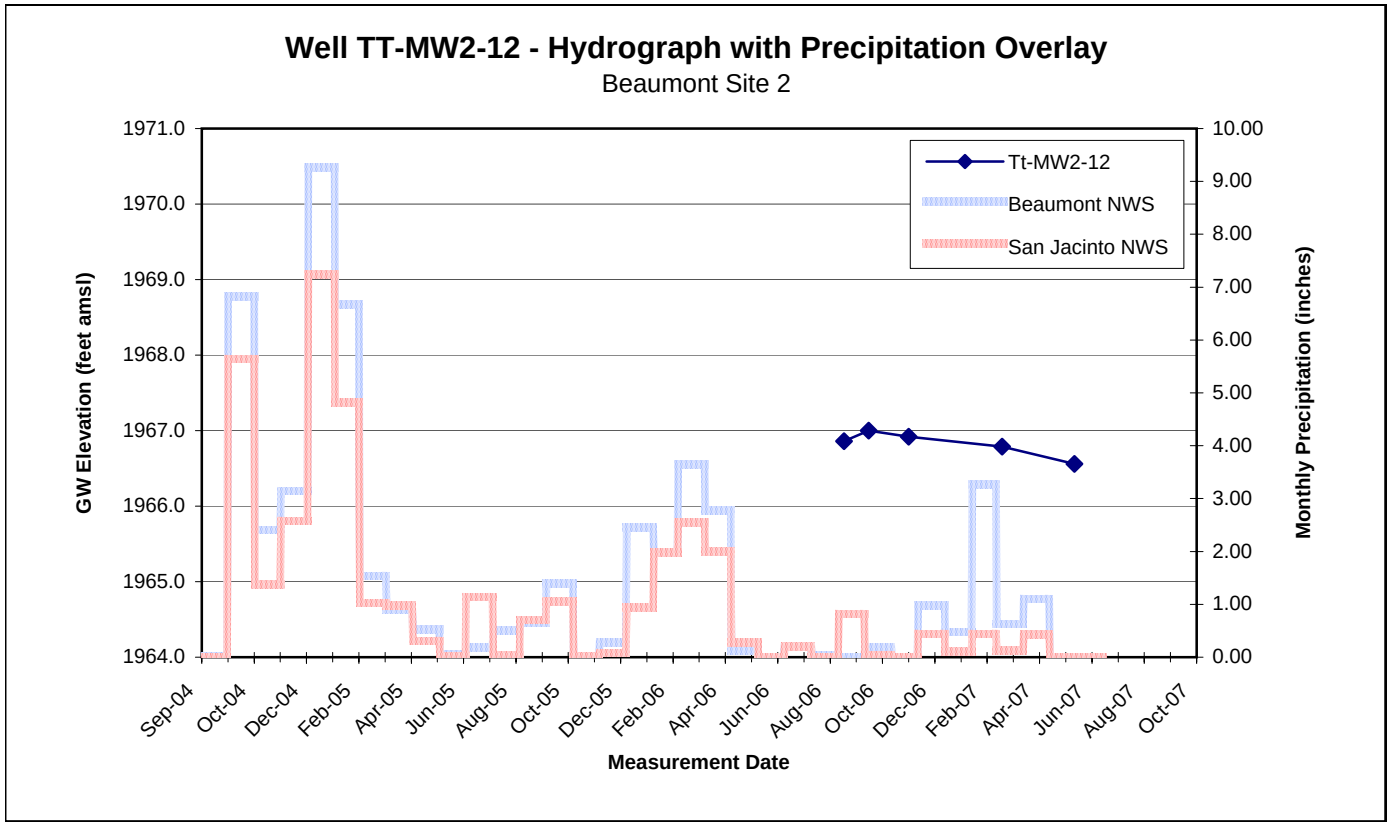
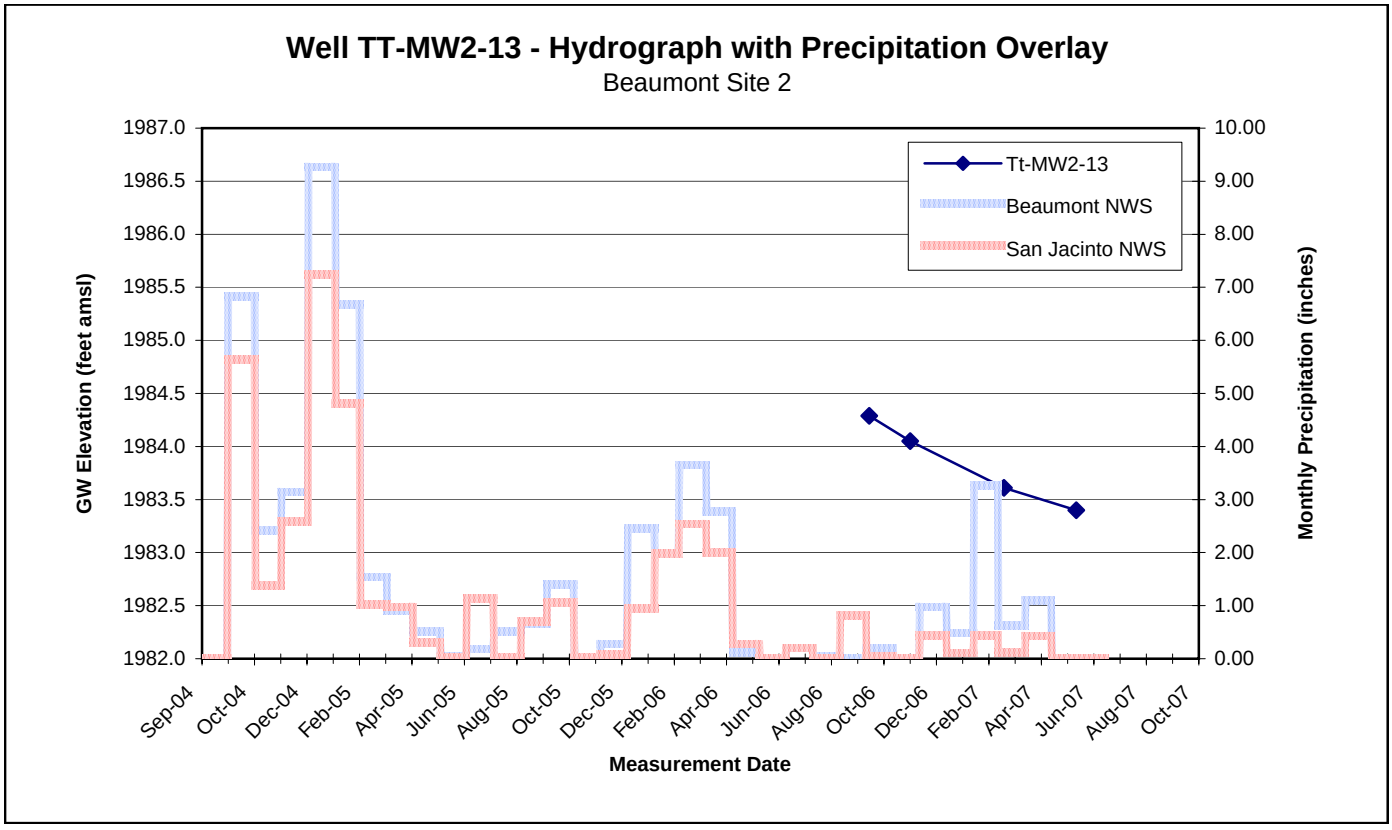
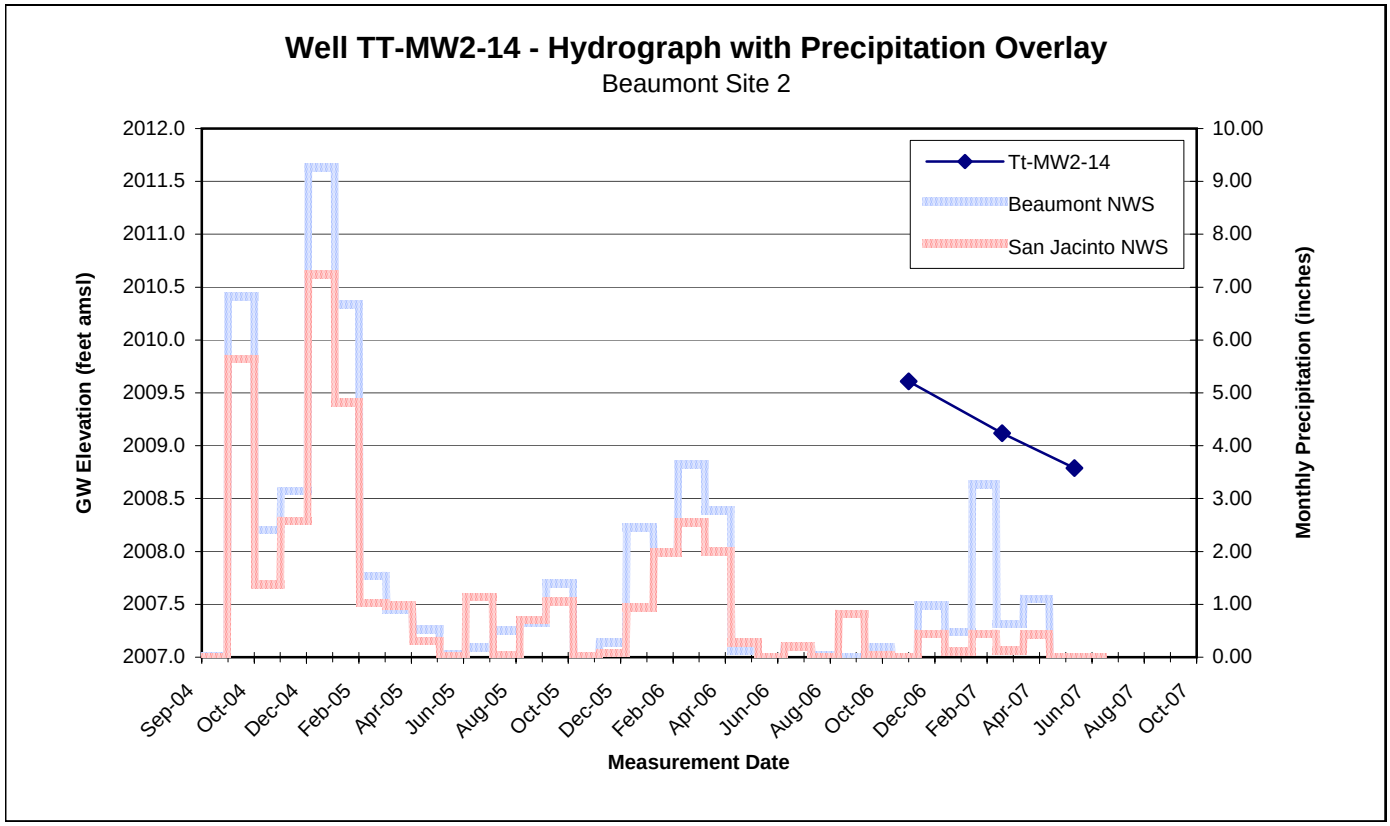
Apr-07
Jun-07
Aug-07
Oct-07


Well TT-MW2-12 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-12
Beaumont NWS
San Jacinto NWS
1971.0
1970.0
1969.0
1968.0
1967.0
1966.0
1965.0
1964.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-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
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07


Well TT-MW2-13 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-13
Beaumont NWS
San Jacinto NWS
1987.0
1986.5
1986.0
1985.5
1985.0
1984.5
1984.0
1983.5
1983.0
1982.5
1982.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-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
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07


Well TT-MW2-14 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-14
Beaumont NWS
San Jacinto NWS
2012.0
2011.5
2011.0
2010.5
2010.0
2009.5
2009.0
2008.5
2008.0
2007.5
2007.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
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Feb-06
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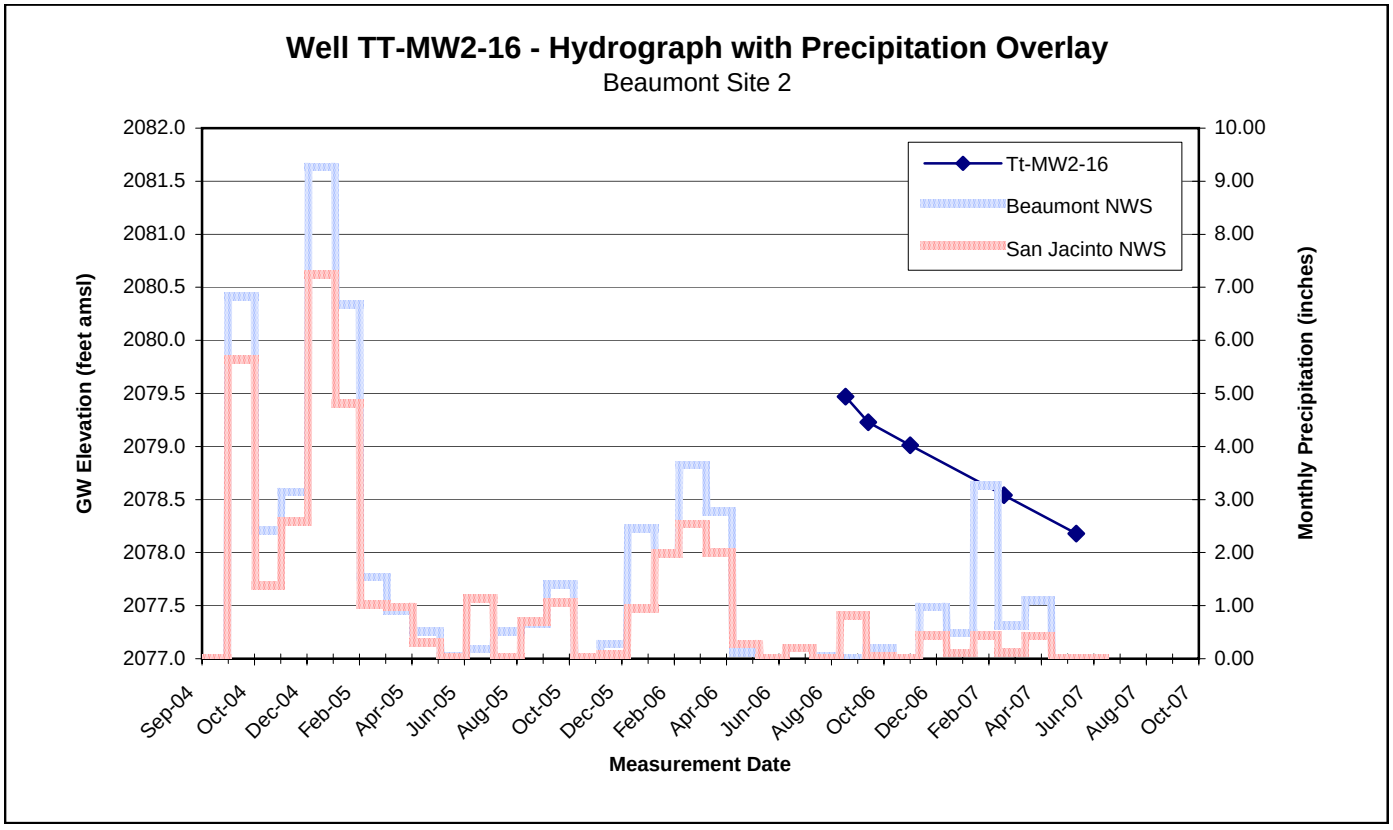
Jun-07
Aug-07
Oct-07


Well TT-MW2-16 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-16
Beaumont NWS
San Jacinto NWS
2082.0
2081.5
2081.0
2080.5
2080.0
2079.5
2079.0
2078.5
2078.0
2077.5
2077.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
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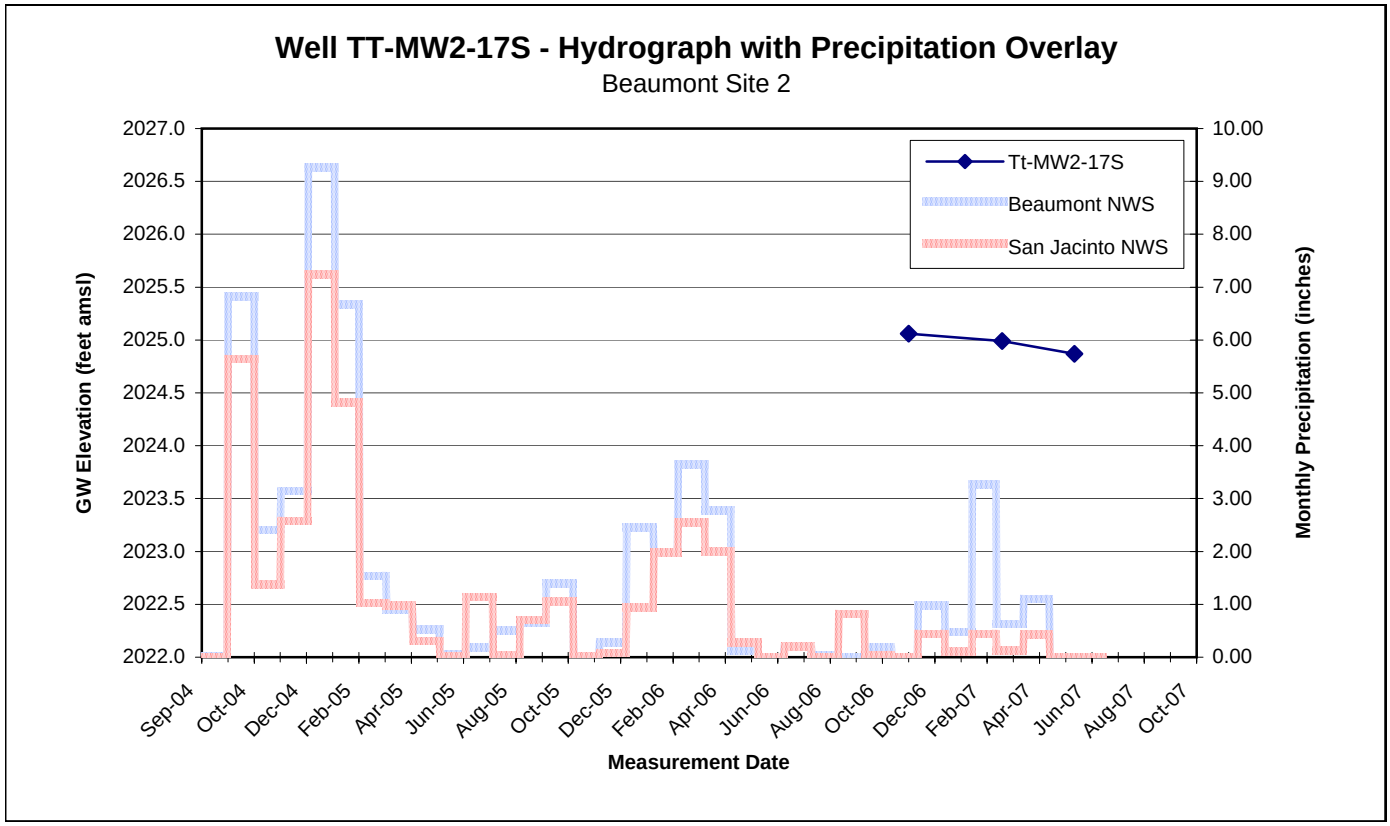
Jun-07
Aug-07
Oct-07


Well TT-MW2-17S - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-17S
Beaumont NWS
San Jacinto NWS
2027.0
2026.5
2026.0
2025.5
2025.0
2024.5
2024.0
2023.5
2023.0
2022.5
2022.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
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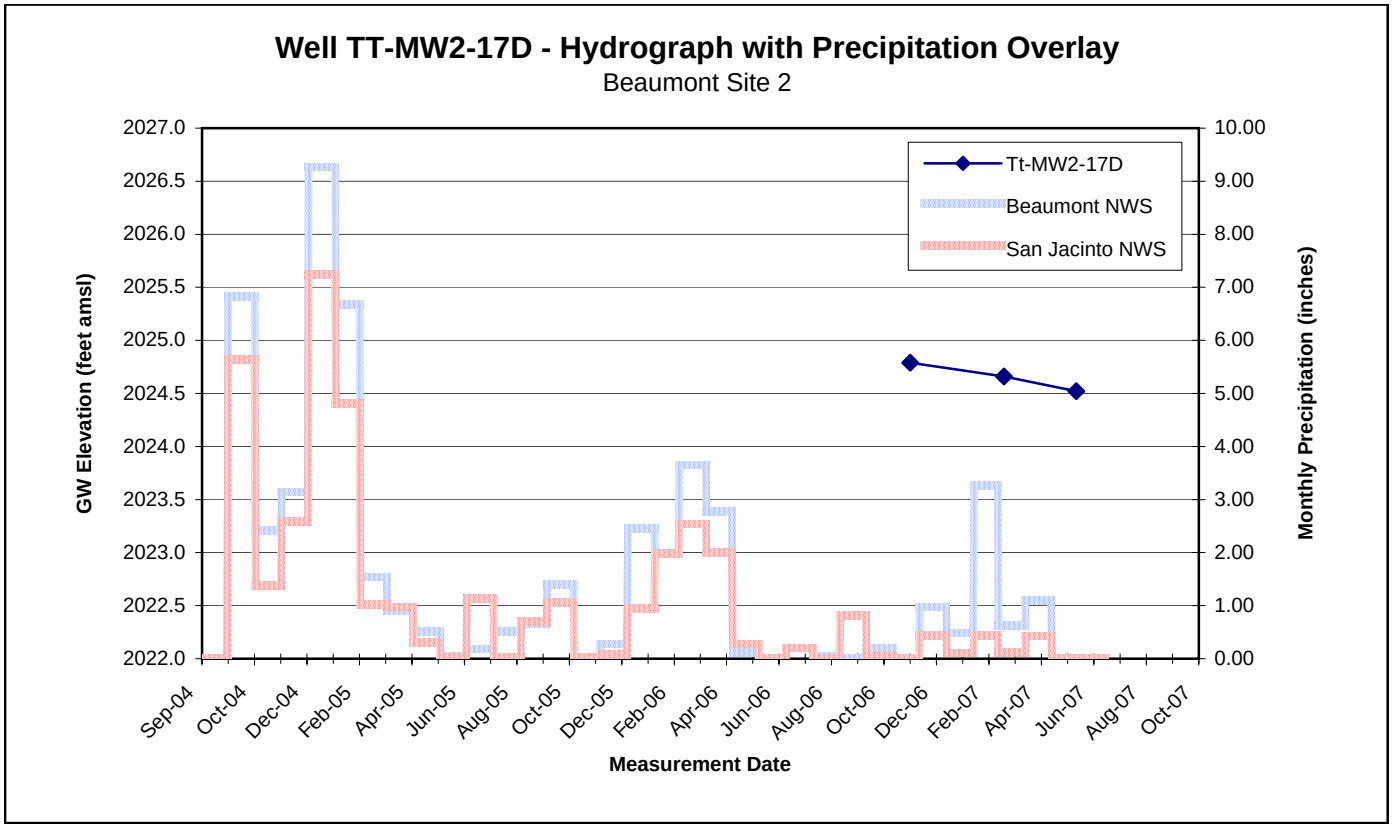
Jun-07
Aug-07
Oct-07


Well TT-MW2-17D - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-17D
Beaumont NWS
San Jacinto NWS
2027.0
2026.5
2026.0
2025.5
2025.0
2024.5
2024.0
2023.5
2023.0
2022.5
2022.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
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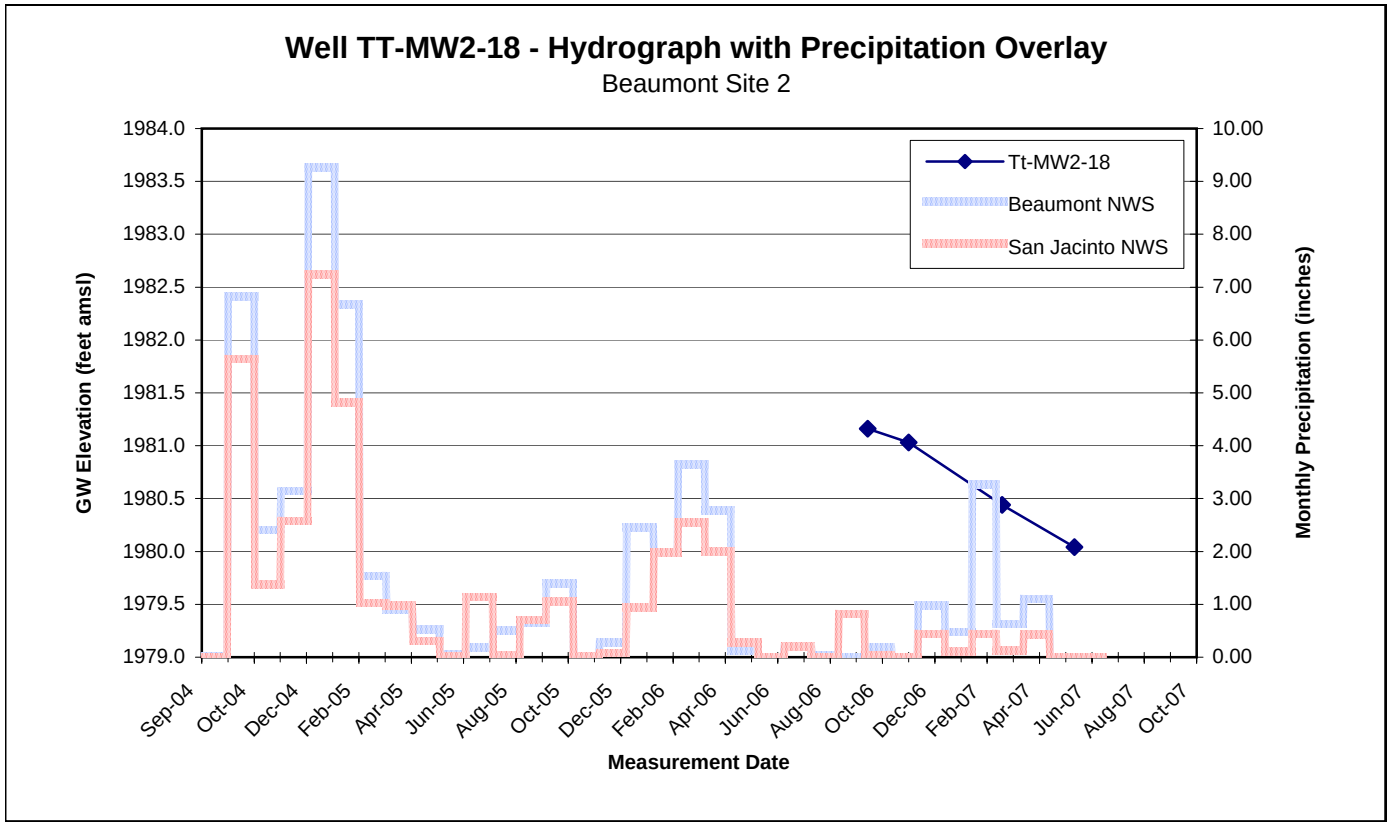
Jun-07
Aug-07
Oct-07


Well TT-MW2-18 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-18
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
Sep-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
Dec-05
Feb-06
Apr-06
Jun-06
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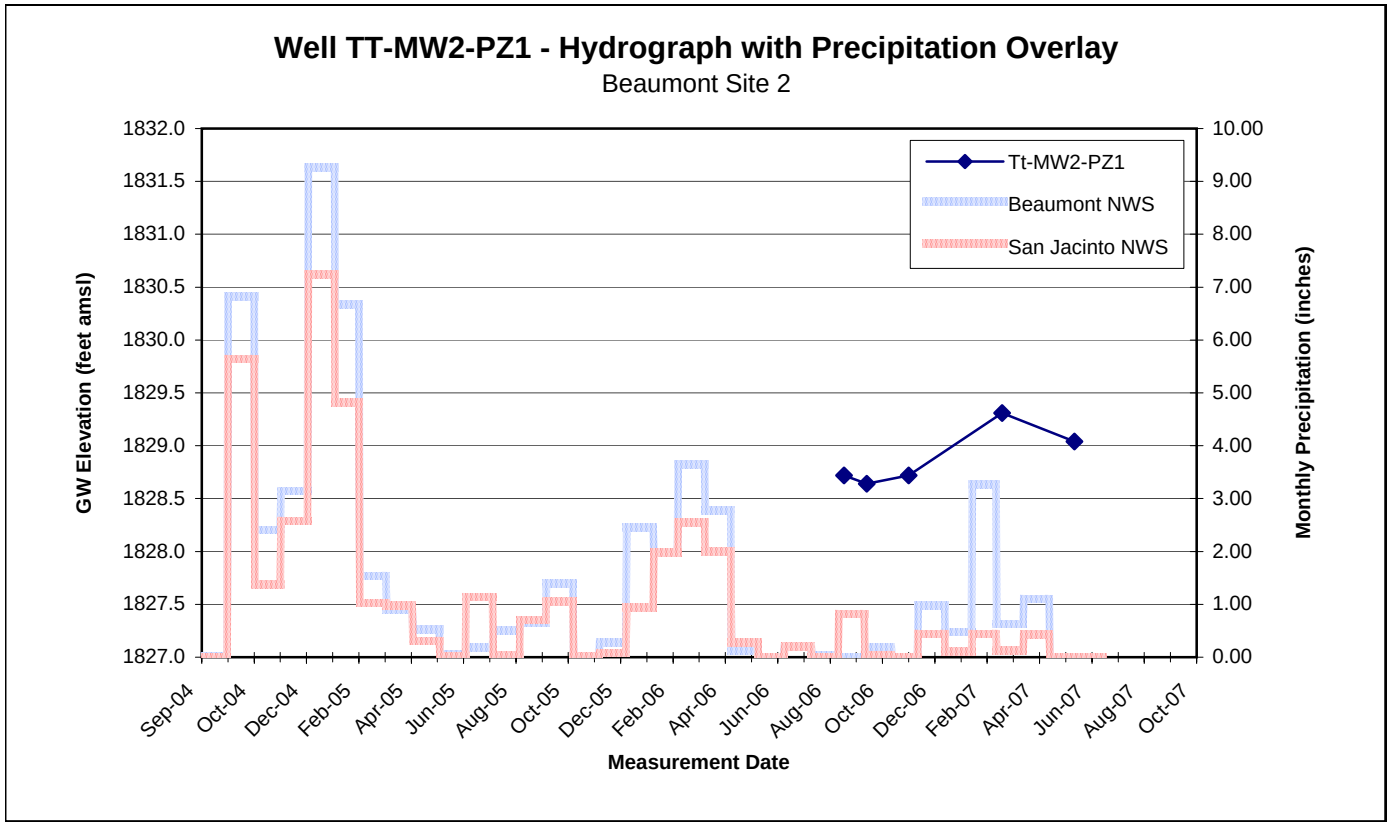
Dec-06
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07


Well TT-MW2-PZ1 - Hydrograph with Precipitation Overlay
Beaumont Site 2
GW Elevation (feet amsl)
Monthly Precipitation (inches)
Measurement Date
Tt-MW2-PZ1
Beaumont NWS
San Jacinto NWS
1832.0
1831.5
1831.0
1830.5
1830.0
1829.5
1829.0
1828.5
1828.0
1827.5
1827.0
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sep-04
Oct-04
Dec-04
Feb-05
Apr-05
Jun-05
Aug-05
Oct-05
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Apr-06
Jun-06
Aug-06
Oct-06
Dec-06
Feb-07
Apr-07
Jun-07
Aug-07
Oct-07

QA / WSTF Groundwater Gradient (MW2-1 > MW2-7)

Date	MW2-1 GW Elev.	MW2-7 GW Elev.	Horizontal Dist. (feet)	GW Gradient (feet/foot)
09/07/06	1981.29	1820.49	4097	0.039
11/20/06	1980.88	1820.30	4097	0.039
03/07/07	1980.30	1820.84	4097	0.039

STF Overall Groundwater Gradient (MW2-2 > 2-6D)

Date	MW-2-2 GW Elev.	MW2-6D GW Elev.	Horizontal Dist. (feet)	GW Gradient (feet/foot)
12/13/05	2069.49	1874.25	6484	0.030
03/09/06	2069.63	1873.71	6484	0.030
05/31/06	2069.45	1873.43	6484	0.030
9/7/2006	2069.32	1873.24	6484	0.030
10/2/2006	2069.21	1873.24	6484	0.030
11/20/06	2069.10	1873.22	6484	0.030
03/07/07	2068.92	1872.92	6484	0.030

Groundwater Gradient (MW2-17D -> MW2-18)

Date	MW2-17D GW Elev.	MW2-18 GW Elev.	Horizontal Dist. (feet)	GW Gradient (feet/foot)
11/20/06	2024.79	1981.03	1667	0.0263
03/07/07	2024.66	1980.44	1667	0.0265

Groundwater Gradient - Vertical

Area J - Vertical Gradient (2-16 (STF) and 2-2 (STF))

Date	2-16 (shallow) GW Elev.	2-2 (deep) GW Elev.	Shallow GSE	Shallow Top SE	Shallow Bot SE	Shallow Wet SCE	Deep Wet SCE	Vertical Dist. (SC, feet)	Gradient Sign	GW Gradient (feet/foot)
09/07/06	2079.47	2069.32	2135.19	2078.7	2068.7	2073.69	2024.73	48.96	-	0.2073
11/20/06	2079.01	2069.10	2135.19	2078.7	2068.7	2073.69	2024.73	48.96	-	0.2024
03/07/07	2078.54	2068.92	2135.19	2078.7	2068.7	2073.62	2024.73	48.88	-	0.1968

0.202

Northwest Arm - Vertical Gradient (2-17S (STF) and 2-17D (STF))

Date	2-17S (shallow) GW Elev.	2-17D (deep) GW Elev.	Shallow GSE	Shallow Top SE	Shallow Bot SE	Shallow Wet SCE	Deep Wet SCE	Vertical Dist. (SC, feet)	Gradient Sign	GW Gradient (feet/foot)
11/20/06	2025.06	2024.79	2092.10	2027.1	2017.1	2021.08	1995.60	25.48	-	0.0106
03/07/07	2024.99	2024.66	2092.10	2027.1	2017.1	2021.05	1995.60	25.45	-	0.0130

0.012

Area L - Vertical Gradient (2-4S (STF) and 2-4D (STF))

Date	2-4S (shallow) GW Elev.	2-4D (deep) GW Elev.	Shallow GSE	Shallow Top SE	Shallow Bot SE	Shallow Wet SCE	Deep Wet SCE	Vertical Dist. (SC, feet)	Gradient Sign	GW Gradient (feet/foot)
02/16/05	1937.99	1930.91	1984.56	1924.56	1914.56	1919.56	1894.56	25.00	-	0.2832
06/02/05	1938.10	1931.33	1984.56	1924.56	1914.56	1919.56	1894.56	25.00	-	0.2708
09/21/05	1937.86	1931.12	1984.56	1924.56	1914.56	1919.56	1894.56	25.00	-	0.2696
11/29/05	1937.61	1930.67	1984.56	1924.56	1914.56	1919.56	1894.56	25.00	-	0.2776
12/31/05	1937.68	1930.87	1984.56	1924.56	1914.56	1919.56	1894.56	25.00	-	0.2724
03/09/06	1937.69	1931.08	1984.56	1924.56	1914.56	1919.56	1894.56	25.00	-	0.2644
05/31/06	1937.72	1931.06	1984.56	1924.56	1914.56	1919.56	1894.56	25.00	-	0.2664
09/07/06	1937.53	1931.09	1984.56	1924.56	1914.56	1919.56	1894.56	25.00	-	0.2576
10/02/06	1937.44	1931.04	1984.56	1924.56	1914.56	1919.56	1894.56	25.00	-	0.2560
11/20/06	1937.37	1931.11	1984.56	1924.56	1914.56	1919.56	1894.56	25.00	-	0.2504
03/07/07	1937.23	1931.10	1984.56	1924.56	1914.56	1919.56	1894.56	25.00	-	0.2452

0.265

Area K - Vertical Gradient (2-1 (QA/WSTF) and 2-18 (STF))

Date	2-1 (shallow) GW Elev.	2-18 (deep) GW Elev.	Shallow GSE	Shallow Top SE	Shallow Bot SE	Shallow Wet SCE	Deep Wet SCE	Vertical Dist. (SC, feet)	Gradient Sign	GW Gradient (feet/foot)
11/20/06	1980.88	1981.03	2032.90	1982.90	1962.90	1971.89	1936.92	34.97	+	0.0043
03/07/07	1980.30	1980.44	2032.90	1982.90	1962.90	1971.60	1936.92	34.68	+	0.0040

0.004

Downgradient - Vertical Gradient (2-6S (QA/WSTF) and 2-6D (STF))

Date	2-6S (shallow) GW Elev.	2-6D (deep) GW Elev.	Shallow GSE	Shallow Top SE	Shallow Bot SE	Shallow Wet SCE	Deep Wet SCE	Vertical Dist. (SC, feet)	Gradient Sign	GW Gradient (feet/foot)
12/13/05	1875.08	1874.25	1904.99	1876.99	1866.99	1871.04	1850.49	20.54	-	0.0404
03/09/06	1874.49	1873.71	1904.99	1876.99	1866.99	1870.74	1850.49	20.25	-	0.0385
05/31/06	1874.21	1873.43	1904.99	1876.99	1866.99	1870.60	1850.49	20.11	-	0.0388
09/07/06	1874.14	1873.24	1904.99	1876.99	1866.99	1870.57	1850.49	20.08	-	0.0448
10/02/06	1874.18	1873.24	1904.99	1876.99	1866.99	1870.59	1850.49	20.10	-	0.0468
11/20/06	1874.15	1873.22	1904.99	1876.99	1866.99	1870.57	1850.49	20.08	-	0.0463
03/07/07	1873.8	1872.92	1904.99	1876.99	1866.99	1870.40	1850.49	19.91	-	0.0442

0.043

Downgradient - Vertical Gradient (2-9S (QA/WSTF) and 2-9D (STF))

Date	2-9S (shallow) GW Elev.	2-9D (deep) GW Elev.	Shallow GSE	Shallow Top SE	Shallow Bot SE	Shallow Wet SCE	Deep Wet SCE	Vertical Dist. (SC, feet)	Gradient Sign	GW Gradient (feet/foot)
09/07/06	1902.84	1898.83	1935.46	1906.46	1891.46	1897.15	1868.90	28.25	-	0.1419
11/20/06	1902.51	1898.05	1935.46	1906.46	1891.46	1896.99	1868.90	28.09	-	0.1588
03/07/07	1902.39	1897.87	1935.46	1906.46	1891.46	1896.93	1868.90	28.03	-	0.1613

0.154

APPENDIX C – FIELD DATA SHEETS

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 11/21/06 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bent

MONITORING WELL IDENTIFICATION TT-MW2-1

SAMPLE I.D. TT-MW2-1 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 54.33 WELL DEPTH (ft btoc) 73.25

WATER COLUMN (feet) 18.92 CASING/TUBE DIAMETER (in/ft) 4

~~WELL~~/PUMP VOLUME (V) (~~gals~~ ml) 534 3 v (~~gals~~ ml) _____

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

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 2.9 (vented to) _____

IN BREATHING ZONE (ppm) (initial) 2.9 (vented to) _____

FINAL PUMP DEPTH (ft btoc) 63

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1101 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)
1035	start pump	54.33	63	—	—	—	—	—	—	—	∅	∅	170
1045		54.39		24.29	1.243	7.36	0.38	4.26	62.2	clear	1700	3.18	
1050		54.37		24.26	1.245	7.35	0.31	4.29	65.9	clear	2550	4.78	
1055		54.39		24.23	1.244	7.34	0.19	4.39	68.4	clear	3400	6.37	
1058		54.35		24.32	1.245	7.34	0.14	4.35	69.2	clear	4250	7.96	
1101	sample collected	54.39		24.24	1.245	7.34	0.06	4.37	69.9	clear	5100	9.55	↓

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

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

Comments: PSI - 40
discharge - 10
recharge - 20
CPM - 2

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 11/28/06 SITE NAME / NUMBER 2

PROGRAM NAME ~~F~~ LMC Bent

MONITORING WELL IDENTIFICATION TT-MW2-1

SAMPLE I.D. TT-MW2-1 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 54.39 WELL DEPTH (ft btoc) 73.25

WATER COLUMN (feet) 18.86 CASING/TUBE DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 534 3 v (gals) 1602

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) 63

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME _____ 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)
1248	start purge	54.39	63	—	—	—	—	—	—	—	∅	∅	120
1253		54.41		19.53	1.018	7.35	3.85	4.23	100.9	clear	1200		
1258		54.41		19.99	1.111	7.32	2.59	4.69	100.0	clear	1800		
1303		54.41		20.02	1.125	7.29	0.99	4.77	100.8	clear	2400		
1306		54.41		20.16	1.132	7.28	0.79	5.02	101.4	clear	2760		
1309		54.41		20.25	1.136	7.28	0.89	4.92	101.7	clear	3120		

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

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

Comments: resample for ROX

PARAMETERS FOR WATER QUALITY STABILIZATION

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

PSI 35 CPM - 2

discharge - 21 recharge - 9

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 11/21/06 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bermt

MONITORING WELL IDENTIFICATION TT-MW2-2

SAMPLE I.D. TT-MW2-2 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 68.67 WELL DEPTH (ft btoc) 119.87

WATER COLUMN (feet) 61.20 CASING/TUBE DIAMETER (in/ft) 2

~~WELL~~/PUMP VOLUME (V) (gals) 810 ml 3 v (gals) 2430

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

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 829 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)
753	Start purge	68.67	115	—	—	—	—	—	—	—	0	0	150
803		69.26	↓	20.48	0.525	8.11	1.98	1.09	64.7	clear	1500	1.85	↓
808		69.49		20.55	0.528	8.15	1.38	0.90	68.3	clear	2250	2.78	
813		69.74		20.68	0.527	8.32	1.50	0.67	74.5	clear	3000	3.70	
818	reduce purge rate	69.93		20.85	0.529	8.39	1.36	0.59	76.8	clear	3750	4.63	60
823		69.99		21.01	0.531	8.42	1.47	0.58	76.8	clear	4050	5.00	
826		70.01		21.08	0.532	8.42	1.01	0.59	76.6	clear	4230	5.22	
829	sampled	70.01	↓	21.13	0.532	8.42	1.10	0.58	76.1	clear	4410	5.44	

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

Water level at time of sampling (ft btoc): 70.01 Turbidity at time of sampling: 1.10

Comments: PSI 65 50
discharge at 3
reading 26 27
GPM 2

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 11/20/06 SITE NAME / NUMBER 2

PROGRAM NAME LMC Baumont

MONITORING WELL IDENTIFICATION TT-MW2-3

SAMPLE I.D. TT-MW2-3 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 69.79 WELL DEPTH (ft btoc) 101.00

WATER COLUMN (feet) 31.21 CASING/TUBE DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 31.21 X 0.65 = 20.29 3 v (gals) 60.86

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

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME _____ 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)
1025	start pump	69.79	90	—	—	—	—	—	—	—	Ø	Ø	0.5
1030		71.91	↓	24.31	1.193	7.43	30.9	6.61	83.8	cloudy	2.5	0.12	↓
1035		72.35		24.73	1.202	7.42	12.2	4.85	83.9	clear	5.0	0.25	
1040		72.46		24.77	1.207	7.41	11.4	4.77	85.3	clear	7.5	0.37	
1045		72.50		24.91	1.211	7.40	12.0	4.73	86.1	clear	10.0	0.49	
1050		72.53		25.07	1.216	7.40	10.85	4.82	87.1	clear	12.5	0.62	
1055		72.50	↓	25.18	1.220	7.39	11.50	4.66	87.9	clear	15.0	0.74	↓

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

Water level at time of sampling (ft btoc): 72.50 Turbidity at time of sampling: 11.50

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.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 1/21/06 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bermt

MONITORING WELL IDENTIFICATION TT-mw2-45

SAMPLE I.D. TT-mw2-47 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 49.58 WELL DEPTH (ft btoc) 73.14

WATER COLUMN (feet) 23.56 CASING/TUBE DIAMETER (in/ft) 4

~~WELL~~/PUMP VOLUME (V) ~~(gals)~~ ml 571 3 v ~~(gals)~~ ml 1713

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) 70

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1026 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)
955	start purge	49.58	70	—	—	—	—	—	—	—	0	0	80
1005		49.95		23.71	0.455	8.25	3.92	1.65	62.9	clear	800	1.40	↓
1010		50.12		24.10	0.444	8.27	4.43	1.39	56.3	clear	1200	2.10	
1015		50.21		24.21	0.443	8.29	4.36	1.35	54.5	clear	1600	2.80	↓
1020	reduce purge rate	50.28		24.50	0.442	8.31	4.56	1.35	50.4	clear	2000	3.50	50
1023		50.31		24.80	0.443	8.33	4.41	1.33	47.5	clear	2150	3.77	
1026	sample well	50.31		24.92	0.444	8.33	4.87	1.36	47.7	clear	2300	4.03	

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

Water level at time of sampling (ft btoc): 50.31 Turbidity at time of sampling: 4.87

Comments: PSI - 35
discharge - 4
recharge - 26
CPM - 2

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 11/21/06 SITE NAME / NUMBER 2

PROGRAM NAME Lmc Beaumt

MONITORING WELL IDENTIFICATION TT-mw2-4D

SAMPLE I.D. TT-mw2-4D DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 56.06 WELL DEPTH (ft btoc) 97.80

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

~~WELL~~/PUMP VOLUME (V) (~~gals~~ ml) 704 3 v (~~gals~~ ml) 2112

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

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ _____

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

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

FINAL PUMP DEPTH (ft btoc) 95

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 906 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)
835	startpg	56.06	95	—							0	0	140
845		56.42		23.83	0.361	8.41	3.35	3.10	30.1	clear	1400	1.99	
850		56.64		23.75	0.354	8.66	2.92	0.66	25.8	clear	2100	2.98	
855	reduce purge rate	56.86		23.97	0.353	8.74	2.85	0.38	22.6	clear	2800	3.98	105
900		56.96		24.22	0.355	8.76	3.01	0.35	20.6	clear			
903		56.98		24.25	0.355	8.78	2.26	0.34	16.9	clear			
906	sample coll	57.00		24.34	0.355	8.77	1.92	0.34	17.9	clear			

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

Water level at time of sampling (ft btoc): 57.00 Turbidity at time of sampling: 1.92

Comments: PSI - 45
discharge - 25 5
recharge - 8 25
CPM - 2

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 11/29/2006 PROJECT NUMBER 18089-03

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) 37.36 TOTAL WELL DEPTH (feet) 42.94

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

WELL/PUMP VOLUME (V) (gal / ml) _____ 3 V (gal / ml) _____

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

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐ _____

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

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

FINAL PUMP DEPTH (ft btoc) 42

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 1436 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)
1405	pump on	37.36	42								0	0	90
1410	monitoring	37.47	↓	15.01	1.084	7.33	1.60	3.97	45.8	clear			↓
1415	↓	37.48		15.40	1.114	7.30	1.50	4.20	46.1	clear			
1420		37.57		16.81	1.177	7.30	1.00	4.10	47.8	clear			
1425		37.56		16.87	1.185	7.29	0.65	4.02	53.4	clear			
1430		37.53		15.57	1.167	7.26	0.60	4.33	56.6	clear			
PD 1433	↓	37.54		14.90	1.136	7.22	0.60	4.27	58.9	clear			
1436	stable, sampling	37.54	↓	15.31	1.142	7.23	0.25	4.07	58.4	clear			
1441	pump off												

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

Water level at time of sampling (ft btoc): 37.54 Turbidity at time of sampling: 0.25

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

Min pressure = 18 psi

Comments: 4GPM | 5.0 sec ref:11 | 10.0 sec discharg = 90 ml/min

0.171875" 42 200

System Sampling Volume (SSV) = 155 * Diameter of discharge tubing in inches(D)^2 * Length of discharge tubing in feet (h) + Bladder Volume (~~300ml~~) = 392 ml

Time required to Purge SSV (minutes): 5 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 11/29/2006 PROJECT NUMBER 18089-03

PROGRAM NAME LMC Beaumont Site 2

MONITORING WELL IDENTIFICATION T1-MW2-65

SAMPLE I.D. T1-MW2-65 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 33.93 TOTAL WELL DEPTH (feet) 41.54

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

WELL/PUMP VOLUME (V) (gal / ml) _____ 3 V (gal / ml) _____

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

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐ _____

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

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

FINAL PUMP DEPTH (ft btoc) 40

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 1358 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)
1325	pump on	33.93	40	—	—	—	—	—	—	—	0	0	50
1333	monitoring	34.01	↓	15.84	0.853	7.94	4.10	0.81	-14.8	clear			↓
1338	↓	34.08		15.91	1.058	7.42	2.60	2.79	14.1	clear			
1343		34.15		16.05	1.077	7.34	0.25	3.09	21.0	clear			
1348		34.22		16.00	1.082	7.28	0.30	3.42	26.4	clear			
1353	↓	34.21		16.21	1.086	7.27	0.10	3.31	31.1	clear			
1358	stable, sampling	34.21	↓	16.22	1.086	7.27	0.20	3.31	31.7	clear			
1403	pump off	—	—	—	—	—	—	—	—	—	—	—	—

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

Water level at time of sampling (ft btoc): 34.21 Turbidity at time of sampling: 0.20

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

min pressure = 14 PSI

Comments: CPM4 | 8.0 sec refill | 7.0 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)~~ 200

155 * 0.171875" * 40' + 200 = 383 ml

Time required to Purge SSV (minutes): 8 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 11/29/2006 PROJECT NUMBER 18089-03

PROGRAM NAME LMC Beaumont Site 2

MONITORING WELL IDENTIFICATION Tt-MW2-6D

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

STATIC WATER LEVEL (ft btoc) 34.91 TOTAL WELL DEPTH (feet) 60.45

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

WELL/PUMP VOLUME (V) (gal / ml) _____ 3 V (gal / ml) _____

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

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐ _____

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

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

FINAL PUMP DEPTH (ft btoc) 58

SAMPLER'S SIGNATURE _____

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)
1249	pump on	34.91	58								0	0	130
1254	monitoring	35.30		17.78	0.496	7.54	12.8	2.48	-138.0	slightly cloudy			90
1259		35.30		17.78	0.900	8.10	5.43	1.28	-118.7	clear			
1304		35.32		17.49	0.865	8.31	2.33	0.72	-97.0	clear			
1309		35.36		17.41	0.839	8.42	1.15	0.54	-82.2	clear			
1314	↓	35.39		17.40	0.828	8.49	1.00	0.44	-66.4	clear			
1319	stable, sampling	35.40	↓	17.53	0.825	8.50	0.66	0.40	-62.6	clear			↓
1324	pump off												

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

Water level at time of sampling (ft btoc): 35.40 Turbidity at time of sampling: 0.66

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

in pressure 25 psi

Comments: 1249 4 GPM | 8.0 sec refill | 7.0 sec discharge = 130ml/min

1254 2 GPM | 20.0 sec refill | 10.0 sec discharge = 90ml/min

0.17875"

System Sampling Volume (SSV) = 155 * Diameter of discharge tubing in inches(D)^2 * Length of discharge tubing in feet (h) + Bladder Volume ~~200~~ 300ml) = 466ml

58

Time required to Purge SSV (minutes): _____

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 11/29/2006 PROJECT NUMBER 18089-03

PROGRAM NAME LMC Beaumont Site 2

MONITORING WELL IDENTIFICATION T7-MW2-7

SAMPLE I.D. T7-MW2-7 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 18.99 TOTAL WELL DEPTH (feet) 30.13

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

WELL/PUMP VOLUME (V) (gal / ml) _____ 3 V (gal / ml) _____

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

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐ _____

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

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

FINAL PUMP DEPTH (ft btoc) 28

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 1227 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)
1156	pump on	18.99	28	—	—	—	—	—	—	—	0	0	60
1202	monitoring	19.00		16.11	1.227	7.27	2.73	5.62	116.3	clear			↓
1207	increase flow	19.01		17.01	1.243	7.39	21.2	3.51	111.0	slightly cloudy			120
1212		19.01		17.41	1.258	7.31	42.1	3.16	108.6	cloudy			
1217		19.01		17.33	1.254	7.33	50.6	3.48	108.7	cloudy			
1222	↓	19.01		17.30	1.255	7.29	51.6	3.38	108.0	cloudy			
1227	stable, sampling	19.01	↓	17.47	1.257	7.28	43.4	3.53	108.5	cloudy			↓
1232	pump off	—											

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

Water level at time of sampling (ft btoc): 19.01 Turbidity at time of sampling: 43.4

min. pressure = 13.3 psi

Comments: 1156 CPM2 | 16.0 sec refill | 14.0 sec discharge = 60 ml/min

1202 CPM3 | 11.0 sec refill | 9.0 sec discharge = 120 ml/min

0.177187 28'

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 ~~(240ml)~~ 200 = 328 ml

Time required to Purge SSV (minutes): 6 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 11/29/2006 PROJECT NUMBER 18089-03

PROGRAM NAME LMC Beaumont Site 2

MONITORING WELL IDENTIFICATION T-MW2-8

SAMPLE I.D. T-MW2-8 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 17.49 TOTAL WELL DEPTH (feet) 27.16

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

WELL/PUMP VOLUME (V) (gal / ml) _____ 3 V (gal / ml) _____

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

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐ _____

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

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

FINAL PUMP DEPTH (ft btoc) 25

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 1127 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)
1057	pump on	17.49	25								0	0	100
1102	monitoring	17.55		17.33	1.330	7.23	7.89	2.67	108.2	clear			
1107		17.57		18.49	1.319	7.28	4.70	3.67	107.9	clear			
1112		17.65		19.24	1.319	7.31	2.73	4.53	108.9	clear			
1117	reduce flow	17.71		19.45	1.316	7.31	2.07	4.79	110.2	clear			
1122		17.69		18.74	1.248	7.32	1.98	4.98	111.5	clear			60
1127	stable, sampling	17.69		18.35	1.286	7.27	1.58	4.82	114.4	clear			
1132	pump off												

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

Water level at time of sampling (ft btoc): 17.69 Turbidity at time of sampling: 1.58

min. pressure 11.9 psi

Comments: 2 GPM | 16.0 sec refill | 14.0 sec discharge = 100 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~~) = 315 ml

0.171875" 25' 200

Time required to Purge SSV (minutes): _____

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 11/29/2006 PROJECT NUMBER 18089-03

PROGRAM NAME LMC Beaumont site 2

MONITORING WELL IDENTIFICATION Tt-MW2-9S

SAMPLE I.D. Tt-MW2-9S DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 35.90 TOTAL WELL DEPTH (feet) 47.03

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

WELL/PUMP VOLUME (V) (gal / ml) _____ 3 V (gal / ml) _____

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

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐ _____

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

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

FINAL PUMP DEPTH (ft btoc) 46

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 1020 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)
0948	pump on	35.90	46								0	0	70
0955	monitoring	35.96	↓	14.46	1.142	7.40	139	1.96	138.6	cloudy then clear			↓
1000	↓	35.99		15.34	1.292	7.27	12.5	1.69	130.8	clear			
1005		36.03		16.06	1.326	7.23	3.34	1.56	121.0	clear			
1010		36.07		16.31	1.339	7.20	2.29	1.54	117.0	clear			
1015	↓	36.09		16.57	1.351	7.21	1.79	1.59	113.8	clear			
1020	stable, sampling	36.12	↓	16.58	1.356	7.01	3.87	1.68	112.8	clear			↓
1025	pump off												

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

Water level at time of sampling (ft btoc): 36.12 Turbidity at time of sampling: 3.87

Comments: CPM2 | 18.0 sec refill | 11.0 sec discharge = 70 ml/min

Min Pressure = 21.9 psi

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 (~~300~~ml) = 411 ml

0.171875" 46' 200

Time required to Purge SSV (minutes): 7 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:\Public\Tt\MW\Field Coordination\Forms\Field Forms\Environmental Field Forms\Monitoring Well Purging.doc

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 11/29/2006 PROJECT NUMBER 18089-03

PROGRAM NAME LMC Beaumont Site 2

MONITORING WELL IDENTIFICATION Tt-MW2-9D

SAMPLE I.D. Tt-MW2-9D DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 40.74 TOTAL WELL DEPTH (feet) 72.32

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

WELL/PUMP VOLUME (V) (gal / ml) _____ 3 V (gal / ml) _____

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

SAMPLING DEVICE ☑ Purging Pump ☐ Disposable Bailer ☐ _____

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

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

FINAL PUMP DEPTH (ft btoc) 70

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 0929 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)
0855	pump on	40.74	70	—	—	—	—	—	—	—	0	0	250
0900	reduce flow			—	—	—	—	—	—	—			100
0903	monitoring	41.40		17.07	0.460	8.40	198	0.93	98.2	cloudy			
0908		41.54		16.91	0.456	8.50	160	0.91	95.4	cloudy			
0913		41.66		16.62	0.453	8.48	154	0.74	95.1	cloudy			
0918		41.76		16.47	0.452	8.46	152	0.71	94.2	cloudy			
0923		41.82		16.41	0.450	8.46	144	0.69	93.4	cloudy			
0928	↓	41.84		16.38	0.450	8.46	140	0.67	93.1	cloudy			
0929	stable, sampling	41.89	↓	16.32	0.450	8.46	135	0.66	92.1	cloudy			
0934	pump off			—	—	—	—	—	—	—			

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

Water level at time of sampling (ft btoc): 41.89 Turbidity at time of sampling: 135

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

Min pressure 33.3 psi

Comments: 0855 CRM4 | 8.0 sec refill | 7.0 sec discharge = 250 ml/min

0900 CRM3 | 23.0 sec refill | 7.0 sec discharge = 100 ml/min

11/64 = 0.171875"

System Sampling Volume (SSV) = 155 * Diameter of discharge tubing in inches(D)^2 * Length of discharge tubing in feet (h) + Bladder Volume ~~(300ml)~~ 200 = ~~514~~ 514 ml

Time required to Purge SSV (minutes): 5 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 11/28/06 SITE NAME / NUMBER 2

PROGRAM NAME Lmc Bennt

MONITORING WELL IDENTIFICATION TT-MW2-10

SAMPLE I.D. TT-MW2-10 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 57.40 WELL DEPTH (ft btoc) 61.70

WATER COLUMN (feet) 4.30 CASING/TUBE DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 5.23 3 v (gals) 15.69

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) 61

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1124 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)
1055	start pump	57.40	61	—	—	—	—	—	—	—	0	0	0
1105		57.50		15.05	1.012	7.31	4.23	3.00	104.7	clear	400		
1110		57.52		15.15	0.996	7.27	5.36	2.10	103.2	clear	600		
1115		57.55		14.95	0.978	7.25	5.85	2.12	101.6	clear	800		
1120		57.55		14.90	0.970	7.23	5.00	1.91	100.5	clear	1000		
1123		57.55		14.86	0.967	7.23	3.67	1.94	100.0	clear	1120		
1126	sampled	57.55		14.94	0.967	7.23	3.60	1.85	99.8	clear	1240		

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

Water level at time of sampling (ft btoc): _____ **Turbidity at time of sampling:** _____

Comments: PSI - 35
CPM - 2
discharge - 25
recharge - 5

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 11/28/06 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bemt

MONITORING WELL IDENTIFICATION TT-mw2-11

SAMPLE I.D. TT-mw2-11 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 45.77 WELL DEPTH (ft btoc) 57.35

WATER COLUMN (feet) 11.58 CASING/TUBE DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 197 3 v (gals) 591

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) 56

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1031 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)
955	start pump	45.77	56	—						—	∅	∅	110
1005		46.25		17.61	1.113	7.53	13.3	4.29	107.5	clear	1100		
1010		46.40		17.75	1.126	7.51	4.50	4.30	107.5	clear	1650		↓
1015	reduce purge rate	46.56		17.87	1.132	7.49	2.10	4.26	107.0	clear	2200		80
1020		46.70		17.56	1.129	7.49	1.54	4.21	106.1	clear	2600		
1025		46.80		17.10	1.118	7.48	3.37	4.08	105.9	clear	3000		
1028		46.82		16.98	1.115	7.48	2.68	4.06	105.8	clear	3240		
1031	sample well	46.83		16.98	1.112	7.47	1.06	4.07	105.5	clear	3480		

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

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

Comments: PSI - 30
CPM - 2
discharge - 24
recharge - 6

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 11/28/06 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bennt

MONITORING WELL IDENTIFICATION TT-MW2-12

SAMPLE I.D. TT-MW2-12 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 49.36 WELL DEPTH (ft btoc) 62.35

WATER COLUMN (feet) ~~49.36~~ 12.99 CASING/TUBE DIAMETER (in/ft) 4

~~WELL~~/PUMP VOLUME (V) ~~(gals)~~ (ml) 523 3 v ~~(gals)~~ (ml) 1569

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) 61

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 921 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)
845	start purge	49.36	61	—	—	—	—	—	—	—	∅	∅	65
855		49.69		16.96	0.995	7.10	+200	2.80	104.3	cloudy	650		
900		49.85		18.05	1.005	7.34	+200	2.03	89.8	cloudy	975		
905		49.94		18.41	1.003	7.68	+200	1.60	78.6	cloudy	1300		
910		50.11		18.50	0.989	7.98	~~+200~~	1.24	72.0	cloudy	1625		
915	reduce purge rate	50.20		18.07	0.973	8.17	176	1.12	70.6	cloudy	1950		50
918		50.20		17.77	0.962	8.22	194	1.08	71.5	cloudy	2100		
921		50.22		17.60	0.959	8.24	166	1.07	72.4	cloudy	2250		

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

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

Comments: PSI - 35
CPM - 2
discharge -
recharge -

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 11/28/04 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bema

MONITORING WELL IDENTIFICATION TT-MW2-13

SAMPLE I.D. TT-MW2-13 DUPLICATE I.D. TT-MW2-113

STATIC WATER LEVEL (ft btoc) 65.40 WELL DEPTH (ft btoc) 72.74

WATER COLUMN (feet) 7.34 CASING/TUBE DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 582 3 v (gals) ____

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) 72

SAMPLER'S SIGNATURE ____

WELL SAMPLE TIME 1402 DUPLICATE SAMPLE TIME 1430

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)
1338	startpue	65.40	72								0	0	100
1343		65.50		17.78	1.103	7.26	3.55	4.75	103.1	clear	1000		
1348		65.54		18.51	1.120	7.28	5.40	5.43	102.2	clear	1500		
1353		65.60		18.81	1.132	7.29	6.77	5.25	102.2	clear	2000		
1356		65.60		18.96	1.139	7.30	2.26	5.21	101.6	clear	2300		
1359		65.62		18.76	1.138	7.31	2.11	5.24	101.7	clear	2600		
1402	sampled	65.65		18.68	1.134	7.30	2.15	5.35	101.9	clear	2900		

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

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

Comments: PSI - 40
CPM - 2
discharge -
recharge -

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 11/20/06 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bennt

MONITORING WELL IDENTIFICATION TT-MW2-14

SAMPLE I.D. TT-MW2-14 DUPLICATE I.D. TT-MW2-114

STATIC WATER LEVEL (ft btoc) 65.17 WELL DEPTH (ft btoc) 74.41

WATER COLUMN (feet) 9.24 CASING/TUBE DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 9.24 x 0.65 = 6.01 3 v (gals) 18.03

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) 74

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 1200 DUPLICATE SAMPLE TIME 100

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)
738	start purge	65.17	74	—	—	—	—	—	—	—	∅	∅	0.5
738		68.45	↓	23.32	1.886	7.38	27.2	4.91	182.3	cloudy	2.5	0.42	
743		70.26		24.19	1.915	7.43	14.8	4.79	169.9	cloudy	5.0	0.83	
748		72.83		24.08	1.913	7.50	44.5	4.52	153.1	cloudy	7.5	1.25	
749	well purged dry										8.0	1.33	↓
1125		66.72											
1200	sample well												

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

Water level at time of sampling (ft btoc): 66.72 Turbidity at time of sampling: _____

Comments: MS/MSD

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 11/28/06 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bent

MONITORING WELL IDENTIFICATION TT-MW2-16

SAMPLE I.D. TT-MW2-16 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 58.26 WELL DEPTH (ft btoc) 70.26

WATER COLUMN (feet) 12.00 CASING/TUBE DIAMETER (in/ft) 2

~~WELL~~/PUMP VOLUME (V) ~~(gals)~~ ml 566 3 v ~~(gals)~~ ml 1698

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) 69

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 811 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)
745	start pump	58.26	69	—	—	—	—	—	—	—	0	0	180
750		58.62		18.25	1.087	6.80	12.6	6.87	124.0	clear	900		
755		58.77		18.53	1.090	6.80	3.99	6.26	125.2	clear	1800		
800	reduce flow rate	58.89		18.45	1.088	6.80	1.32	6.17	126.1	clear	2700		120
805		58.91		18.00	1.077	6.79	0.69	6.19	127.5	clear	3300		
808		58.94		17.64	1.067	6.79	0.7	5.85	127.3	clear			
811	sampled	58.97		17.50	1.069	6.78	0.58	5.95	127.1	clear			

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

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

Comments: MS/MSD

PARAMETERS FOR WATER QUALITY STABILIZATION

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

discharge - 23, recharge - 7
PSI - 40 cpm - 2

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 11/20/06 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bermt

MONITORING WELL IDENTIFICATION TT-MW2-175

SAMPLE I.D. TT-MW2-175 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 70.49 WELL DEPTH (ft btoc) 79.60

WATER COLUMN (feet) 9.11 CASING/TUBE DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 9.11 x 0.16 = 1.46 3 v (gals) 4.37

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) 79.5

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME _____ 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)
842	start purge	70.49	79.5	—	—	—	—	—	—	—	∅	∅	0.5
847		74.91		23.33	1.322	7.68	±200	5.37	134.7	brn	2.5	1.71	
850		77.04		24.46	1.514	7.74	±200	3.36	119.8	brn	4.0	2.74	
852	well purged dry										5.0	3.42	
1000	sample well	73.3					±200						

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

Water level at time of sampling (ft btoc): 73.3 Turbidity at time of sampling: ±200

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.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 11/20/06 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bemt

MONITORING WELL IDENTIFICATION TT-MW2-17D

SAMPLE I.D. TT-MW2-17D DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 70.54 WELL DEPTH (ft btoc) 102.52

WATER COLUMN (feet) 31.98 CASING/TUBE DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 31.98 X 0.16 = 5.12 3 v (gals) 15.36

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) 100

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 952 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)
922	startpump	70.54	100	—						—	0	0	0.5
927		75.90		24.35	1.354	7.64	125	0.71	93.3	cloudy	2.5	0.49	
932		76.32		24.65	1.393	7.68	35.2	0.49	81.0	cloudy	5.0	0.98	
937		76.33		24.71	1.406	7.68	20.0	0.44	76.4	clear	7.5	1.46	
942		76.48		24.81	1.420	7.67	10.03	0.38	64.0	clear	10.0	1.95	
947		76.50		24.80	1.421	7.67	9.79	0.37	61.7	clear	12.5	2.44	
952	sample well	76.20		24.90	1.423	7.66	7.15	0.34	56.4	clear	15.0	2.93	

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

Water level at time of sampling (ft btoc): 76.20 Turbidity at time of sampling: 7.15

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.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 11/28/06 SITE NAME / NUMBER 2

PROGRAM NAME LMC Basin

MONITORING WELL IDENTIFICATION TT-MW2-18

SAMPLE I.D. TT-MW2-18 DUPLICATE I.D. TT-MW2-118

STATIC WATER LEVEL (ft btoc) 54.39 WELL DEPTH (ft btoc) 101.51

WATER COLUMN (feet) 47.12 CASING/TUBE DIAMETER (in/ft) 4

~~WELL~~/PUMP VOLUME (V) (~~gals~~) ml 709 3 v (~~gals~~) ml 2127

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) 96

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1226 DUPLICATE SAMPLE TIME 1300

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)
1150	start pump	54.39	96	—	—	—	—	—	—	—	ø	ø	100
1200		54.90		18.77	0.758	7.95	235	2.11	69.6	cloudy	1000		
1205		55.11		19.33	0.738	8.09	26.4	1.43	66.9	cloudy	1500		
1210	reduce pump rate	55.28		19.66	0.736	8.16	26.9	1.17	67.8	cloudy	2000		60
1215		55.39		18.63	0.713	8.16	32.4	0.78	70.2	cloudy	2300		
1220		55.47		17.99	0.701	8.15	27.3	0.70	72.1	cloudy	2600		
1223		55.51		18.07	0.702	8.15	26.2	1.23	72.3	cloudy	2780		
1226	sampled	55.52		18.10	0.702	8.15	27.0	1.28	72.2	cloudy	2960		

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

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

Comments: PSI- 40
CDM- 2
discharge —
recharge —

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

March 2007
Quarter 1

Monitoring Well I.D.	12/1//2006 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# 19524-01)										
TT-MW2-1	54.33	3/07/07	10:25	0.00	54.91	54.91	Y	Y	73.23	
Tt-MW2-2	68.65	3/07/07	11:43	0.00	68.83		Y	Y	120.05	
Tt-MW2-3	69.79	3/07/07	11.18	0.00	69.78		Y	Y	100.87	
Tt-MW2-4S	49.57	3/07/07	9:17	0.00	49.71		Y	Y	73.14	
Tt-MW2-4D	56.05	3/07/07	9.44	0.00	56.06		Y	Y	97.81	
Tt-MW2-5	37.30	3/07/07	9:17	0.00	37.71	37.71	Y	Y	42.94	
Tt-MW2-6S	33.85	3/07/07	9:04	1.00	34.20	34.20	Y	Y	38.08	
Tt-MW2-6D	34.85	3/07/07	9:09	0.00	35.15	35.15	Y	Y	56.35	
TT-MW2-7	18.95	3/07/07	8:33	0.00	18.41		Y	Y	30.16	
TT-MW2-8	17.47	3/07/07	8:40	0.00	16.79	16.79	Y	Y	27.20	
TT-MW2-9S	35.87	3/07/07	9.34	0.00	35.99		Y	Y	47.05	
TT-MW2-9D	40.73	3/07/07	9:29	0.00	40.91	40.91	Y	Y	72.34	
TT-MW2-10	57.38	3/07/07	10:03	1.00	57.44		Y	Y	61.72	

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.

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

March 2007
Quarter 1

Monitoring Well I.D.	12/1//2006 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
TT-MW2-11	45.64	3/07/07	10.16	0.00	46.54	46.54	Y	Y	57.39	
TT-MW2-12	49.34	3/07/07	10:55	0.0	49.47		Y	Y	62.36	
TT-MW2-13	65.34	3/07/07	10:40	0.8	65 78	65.78	Y	Y	72.77	
TT-MW2-14	65.17	3/07/07	11:08	0.0	65 66		Y	Y	74.42	
TT-MW2-16	58.19	3/07/07	11:52	1.2	58.66		Y	Y	70.29	
TT-MW2-17S	70.49	3/07/07	11:28	2.6	70.56		Y	Y	76.67	
TT-MW2-17D	70.54	3/07/07	11:24	0.00	70.67		Y	Y	95.43	need to fix cap
TT-MW2-18	54.29	3/07/07	10:30	2.00	54.88	54.88	Y	Y	101.45	
TT_MW2-PZ1	18.34	3/07/07	8:51	0.00	17.75	17.75				

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.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 3/14/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bennt

MONITORING WELL IDENTIFICATION TT-MW2-7

SAMPLE I.D. TT-MW2-7 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 18.40 WELL DEPTH (ft btoc) 30.13

WATER COLUMN (feet) 11.73 CASING/TUBE DIAMETER (in/ft) 1/4

WELL/PUMP VOLUME (V) (~~gals~~ ml) 348 3 v (~~gals~~) 1044

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

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ _____

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

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

FINAL PUMP DEPTH (ft btoc) 28

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 900 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)
820	start pump	18.40	28								0	0	70
830		18.40		17.20	1.217	6.69	4.36	4.49	17.1	clear	350	1.01	
835		18.40		17.66	1.235	6.80	3.56	4.25	16.2	clear	700	2.01	
840		18.40		18.06	1.248	6.91	2.44	4.30	14.5	clear	1050	3.02	
845		18.40		18.47	1.258	6.97	2.01	4.11	13.6	clear	1400	4.02	
850		18.40		18.91	1.272	7.04	1.66	4.08	12.4	clear	1750	5.03	
855		18.40		19.13	1.279	7.08	1.13	4.08	12.0	clear	2100	6.03	
900		18.40		19.30	1.284	7.11	0.65	4.11	11.6	clear	2450	7.04	

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

Water level at time of sampling (ft btoc): 18.40 **Turbidity at time of sampling:** 0.65

Comments: GPM 3
PSI 15
discharge 10
ready 10

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 3/14/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Beaumont

MONITORING WELL IDENTIFICATION TT-MW2-8

SAMPLE I.D. TT-MW2-8 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 16.70 WELL DEPTH (ft btoc) 27.16

WATER COLUMN (feet) 10.46 ~~CASING~~/TUBE DIAMETER (in/~~ft~~) 1/4

WELL/PUMP VOLUME (V) ml (~~gals~~) 333 3 v ml (~~gals~~) 999

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

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ ________

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

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

FINAL PUMP DEPTH (ft btoc) 25

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 955 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)
925	Start purge	16.70	25	—	—	—	—	—	—	—	Ø	Ø	75
935		16.88		19.21	1.278	7.15	32.2	5.03	12.8	cloudy	375	1.13	
940		16.90		19.34	1.280	7.18	27.0	5.12	12.9	cloudy	750	2.25	
945		16.91		19.58	1.283	7.19	30.3	5.23	12.9	cloudy	1125	3.38	
950		16.91		19.71	1.285	7.20	27.4	5.20	12.8	cloudy	1500	4.50	
955		16.92		19.84	1.289	7.20	38.2	5.24	12.6	cloudy	1875	5.63	

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

Water level at time of sampling (ft btoc): 16.92 Turbidity at time of sampling: 38.2

Comments: CPM 30
PSI 25
discharge 10
recharge 10

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 3/13/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bond

MONITORING WELL IDENTIFICATION TT-MW2 9S

SAMPLE I.D. TT-MW2-9S DUPLICATE I.D. -

STATIC WATER LEVEL (ft btoc) 35.98 WELL DEPTH (ft btoc) 47.03

WATER COLUMN (feet) 11.05 CASING/TUBE DIAMETER (in) 1/4

WELL/PUMP VOLUME (V) (gals) 444 3 v (gals) 1332

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

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ _____

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

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

FINAL PUMP DEPTH (ft btoc) 46

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1310 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)
1240	startpg	35.98	46								0	0	70
1245		36.10		26.51	1.513	7.27	1.51	4.54	-21.7	clear	350	0.79	
1250		36.10		26.56	1.530	7.18	1.07	2.46	-19.3	clear	700	1.58	
1255		36.15		26.69	1.538	7.20	0.68	1.40	-21.6	clear	1050	2.36	
1300		36.17		26.63	1.538	7.25	0.44	1.08	-23.3	clear	1400	3.15	
1305		36.21		26.59	1.532	7.24	0.39	0.90	-23.5	clear	1750	3.94	
1310		36.22		26.71	1.531	7.23	0.32	0.90	-22.7	clear	2100	4.73	

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

Water level at time of sampling (ft btoc): 36.22 Turbidity at time of sampling: 0.32

Comments: CPM 2
PST 25
discharge 5
recharge 25

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

Page ____ of ____

DATE 3/13/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Basmt

MONITORING WELL IDENTIFICATION TT-MW2-90

SAMPLE I.D. TT-MW2-90 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 40.90 WELL DEPTH (ft btoc) 72.29

WATER COLUMN (feet) 31.39 CASING/TUBE DIAMETER (in/ft) 1/4

WELL/PUMP VOLUME (V) (gals) ml 571 3 v (gals) ml 1713

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

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 0.0 (vented to) _____

IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) _____

FINAL PUMP DEPTH (ft btoc) 70

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 1426 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)
1310	start pump	40.96	70								0	0	75
1350		41.15		26.61	0.728	7.27	17.5	4.07	-207.6	clear	750	1.31	1
1355	10 over rate	41.26		25.86	0.622	6.97	27.3	2.37	-170.0	cloudy	1075	1.88	50
1400		41.28		26.29	0.565	7.03	29.2	1.46	-150.1	cloudy	1325	2.32	
1405		41.32		26.95	0.549	7.48	26.9	1.11	-149.7	cloudy	1575	2.76	
1410		41.34		27.14	0.545	7.55	26.2	0.94	-150.3	cloudy	1825	3.20	
1420		41.43		27.74	0.547	8.49	27.7	0.94	-101.6	cloudy	2075	3.63	
1423		41.43		27.70	0.546	8.45	26.3	0.67	-104.1	cloudy	2300	4.03	
1426		41.43		27.71	0.547	8.42	25.3	0.55	-102.2	cloudy	2525	4.42	↓

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

Water level at time of sampling (ft btoc): 41.43 Turbidity at time of sampling: 25.3

Comments: CPM 2
PSI 35
discharge rate

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 3/13/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Basmt

MONITORING WELL IDENTIFICATION TT-mw2-10

SAMPLE I.D. TT-mw2-10 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 57.45 WELL DEPTH (ft btoc) 61.70

WATER COLUMN (feet) 4.25 CASING/TUBE DIAMETER (in/~~ft~~) 1/4

~~WELL~~/PUMP VOLUME (V) (~~gals~~ ml) 523 3 v (~~gals~~ ml) 1569

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

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 0.2 (vented to) _____

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

FINAL PUMP DEPTH (ft btoc) 61

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1055 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)
1020	start pump	57.45	61								Ø	Ø	50
1030		57.59		25.36	1.076	7.37	8.87	6.75	-23.3	clear	500	6.96	
1035		57.60		25.55	1.088	7.36	27.5	4.86	-16.6	clear	750	1.43	
1040		57.61		25.80	1.099	7.36	45.1	4.04	-17.1	cloudy	1000	1.91	
1045		57.62		26.04	1.105	7.43	51.3	3.72	-17.8	cloudy	1250	2.39	
1050		57.63		26.31	1.108	7.43	49.2	3.51	-17.1	cloudy	1500	2.87	
1055		57.64		26.58	1.110	7.44	44.6	3.40	-17.5	cloudy	1750	3.35	↓

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

Water level at time of sampling (ft btoc): 57.64 **Turbidity at time of sampling:** 44.6

Comments: CPM 2
PSI 35
dissolve 3
reading 27

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

Page ____ of ____

DATE 3/13/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bennet

MONITORING WELL IDENTIFICATION TT-MW2-11

SAMPLE I.D. TT-MW2-11 DUPLICATE I.D. TT-MW2-111

STATIC WATER LEVEL (ft btoc) 46.57 WELL DEPTH (ft btoc) 57.55

WATER COLUMN (feet) 10.78 CASING/TUBE DIAMETER (in/~~ft~~) 1/4

WELL/PUMP VOLUME (V) (~~gals~~ ml) 497 3 v (~~gals~~ ml) 149

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

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ _____

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

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

FINAL PUMP DEPTH (ft btoc) 56

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1206 DUPLICATE SAMPLE TIME 1216

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)
1125	start pump	46.57	56	←							∞	∞	120
1130		46.63		24.19	1.174	6.85	11.5	6.94	6.1	clear	600	1.21	↓
1135		46.90		23.21	1.164	6.60	3.19	7.18	17.2	clear	1200	2.41	↓
1140	lower pump rate	47.10		23.29	1.170	6.77	1.18	7.76	14.9	clear	1800	3.62	80
1145		47.19		23.59	1.181	6.80	0.98	8.08	15.2	clear	2200	4.43	↓
1150		47.27		24.19	1.196	7.10	0.69	7.81	8.5	clear	2600	5.23	50
1155		47.38		24.72	1.210	7.38	0.44	7.71	1.2	clear	2850	5.73	↓
1200		47.41		25.12	1.221	7.44	0.83	7.60	-0.2	clear	3100	6.24	↓
1203		47.41		25.27	1.225	7.43	0.37	7.65	-0.4	clear	3250	6.54	↓
1206		47.41		25.30	1.230	7.48	0.17	7.37	-2.3	clear	3500	7.04	↓

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

Water level at time of sampling (ft btoc): 47.41 **Turbidity at time of sampling:** 0.17

Comments: CPM - 2
PSI - 30
discharge 3
reading 27

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 3/13/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bout

MONITORING WELL IDENTIFICATION TT-mw2-12

SAMPLE I.D. TT-mw2-12 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 49.48 WELL DEPTH (ft btoc) 62.35

WATER COLUMN (feet) 12.87 CASING/TUBE DIAMETER (in) 1/4

WELL/PUMP VOLUME (V) (gals) ml 523 3 v (gals) ml 1569

PURGING DEVICE: ☐ Grundfos Pump ☐ Peristaltic Pump ☒ Bladder Pump dedicated

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 0.7 (vented to) wd

IN BREATHING ZONE (ppm) (initial) 0.2 (vented to) wn

FINAL PUMP DEPTH (ft btoc) 61

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 955 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)
915	start pump	49.48	61	—	—	—	—	—	—	—	0	0	50
920		49.71		20.64	0.948	7.17	42.7	7.53	-226.7	cloudy	500	0.96	
925		49.81		21.44	0.940	7.34	32.8	5.83	-217.6	cloudy	750	1.43	
930		49.90		21.91	0.940	7.49	20.6	4.94	-215.9	clear	1000	1.91	
935	lower pump rate	49.98		22.55	0.940	7.66	15.7	4.27	-206.0	clear	1250	2.39	25
945		50.17		23.52	0.955	8.30	10.5	4.15	-175.5	clear	1500	2.87	
950		50.14		23.60	0.952	8.28	8.5	4.22	-160.3	clear	1625	3.11	
958		50.15		23.66	0.952	8.29	12.8	4.13	-158.2	clear	1750	3.35	

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

Water level at time of sampling (ft btoc): 50.15 **Turbidity at time of sampling:** 12.8

Comments: CPM 2
psi 35
discharge 3
reading 27

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 3/13/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bermt

MONITORING WELL IDENTIFICATION TT-MW2-13

SAMPLE I.D. TT-MW2-13 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 65.76 WELL DEPTH (ft btoc) ~~72~~ 72.74

WATER COLUMN (feet) 6.98 CASING/TUBE DIAMETER (in/~~ft~~) 1/4

~~WELL~~/PUMP VOLUME (V) (~~gals~~ ml) 582 3 v (gals) 1746

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

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 0.9 (vented to) ND

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

FINAL PUMP DEPTH (ft btoc) 72

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1525 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)
1450	start pump	65.76	72	—	—	—	—	—	—	—	0	0	80
1500		65.86		27.15	1.126	7.65	18.0	5.12	-28.6	clear	800	1.37	
1505		65.90		26.93	1.234	7.17	4.64	7.19	-5.0	clear	1200	2.06	
1510		65.94		26.82	1.266	7.13	2.68	8.11	0.1	clear	1600	2.75	
1515		65.96		26.88	1.275	7.16	1.12	8.73	1.5	clear	2000	3.44	
1520		65.99		26.82	1.279	7.19	0.40	8.42	0.5	clear	2400	4.12	
1525		66.01		26.64	1.276	7.20	0.36	8.62	1.4	clear	2800	4.81	

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

Water level at time of sampling (ft btoc): 66.01 **Turbidity at time of sampling:** 0.36

Comments: PSI 40
CPM 2
discharge 6
ready 24

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

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DATE 3/16/07 SITE NAME / NUMBER 2

PROGRAM NAME Lmc Bend

MONITORING WELL IDENTIFICATION TT-mw2-14

SAMPLE I.D. TT-mw2-14 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 65.23 WELL DEPTH (ft btoc) 74.43

WATER COLUMN (feet) 8.70 CASING/TUBE DIAMETER (in/~~ft~~) 4

WELL/PUMP VOLUME (V) (~~gals~~ ml) 592 3 v (~~gals~~ ml) 1776

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

SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) 0.4 (vented to) _____

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

FINAL PUMP DEPTH (ft btoc) 74

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1225 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	start pp	65.93	74								ø	ø	30
1150		65.97		25.91	1.639	7.74	8.04	2.92	-15.6	clear	300	0.51	
1200		66.05		26.27	1.680	7.70	4.92	3.03	-19.7	clear	600	1.01	
1210		66.14		26.75	1.942	7.69	2.87	2.82	-23.2	clear	900	1.52	
1215		66.16		27.01	1.951	7.69	1.82	2.75	-24.6	clear	1050	1.77	
1220		66.18		27.32	1.964	7.70	1.28	2.75	-25.9	clear	1200	2.03	
1225		66.20		27.34	1.979	7.71	1.23	2.67	-25.4	clear	1350	2.28	

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

Water level at time of sampling (ft btoc): 66.20 **Turbidity at time of sampling:** 1.23

Comments: 251 40
cpm 2
meek 3
dijon 27

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 3/13/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bennett

MONITORING WELL IDENTIFICATION TT-MW2-16

SAMPLE I.D. TT-MW2-16 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 58.69 WELL DEPTH (ft btoc) 70.23

WATER COLUMN (feet) 11.54 CASING/TUBE DIAMETER (in/~~ft~~) 1/4

WELL/PUMP VOLUME (V) (~~gals~~ ml) 566 3 v (~~gals~~ ml) 1698

PURGING DEVICE: ☐ Grundfos Pump ☐ Peristaltic Pump ☒ Bladder Pump dedicated

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 2.8 (vented to) _____

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

FINAL PUMP DEPTH (ft btoc) 69

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 835 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)
805	start pump	58.69	69	—	—	—	—	—	—	—	∅	∅	120
810		58.90		16.25	0.864	6.72	16.6	11.07	38.4	clear	600	1.06	"
815		58.98		17.23	0.922	6.74	20.5	11.05	36.9	clear	1200	2.12	"
820	power flow rate	59.10		17.65	0.948	6.75	24.1	11.21	38.7	clear	1800	3.18	100
825		59.15		17.66	0.954	6.76	19.3	11.13	40.3	clear	2300	4.06	"
830		59.18		17.75	0.958	6.71	15.2	10.69	41.5	clear	2800	4.95	"
835		59.20		17.73	0.960	6.73	13.5	10.42	42.4	clear	3300	5.83	"

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

Water level at time of sampling (ft btoc): 59.20 **Turbidity at time of sampling:** 13.5

Comments: CPM 2
PSI 40
dis chg 5
ve chg 25

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 3/14/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bound

MONITORING WELL IDENTIFICATION TT-MW2-17S

SAMPLE I.D. TT-MW2-17S DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 70.60 WELL DEPTH (ft btoc) 79.62

WATER COLUMN (feet) 9.02 CASING/TUBE DIAMETER (in/ft) 1/4

WELL/PUMP VOLUME (V) (gals) 619 3 v (gals) 1857

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

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 2.5 (vented to) _____

IN BREATHING ZONE (ppm) (initial) 0 (vented to) _____

FINAL PUMP DEPTH (ft btoc) 79

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 1335 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)
1255	start pump	70.60	79								0	0	40
1300		71.09		26.24	1.233	7.28	10.73	2.75	-24.3	clear	600	0.97	
1315		71.03		26.29	1.199	7.25	14.5	1.99	-24.9	clear	800	1.29	
1320		71.07		26.50	1.186	7.29	9.53	1.58	-26.6	clear	1000	1.62	
1325		71.10		26.44	1.168	7.35	8.13	1.45	-29.3	clear	1200	1.94	
1330		71.12		26.45	1.152	7.38	7.35	1.29	-30.1	clear	1400	2.26	
1335		71.17		26.34	1.150	7.39	5.38	1.22	-30.8	clear	1600	2.58	

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

Water level at time of sampling (ft btoc): 71.17 **Turbidity at time of sampling:** 5.38

Comments: COM 2
PST 40
digital 25
rea 5

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 3/14/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bound

MONITORING WELL IDENTIFICATION TT-MW2-17D

SAMPLE I.D. TT-MW2-17D DUPLICATE I.D. TT-MW2-117D

STATIC WATER LEVEL (ft btoc) 70.66 WELL DEPTH (ft btoc) 102.01

WATER COLUMN (feet) 31.35 ~~CASING~~/TUBE DIAMETER (in/~~ft~~) 1/4

~~WELL~~/PUMP VOLUME (V) (~~gals~~ ml) 725 3 v (~~gals~~ ml) 2175

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

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 3.0 (vented to) _____

IN BREATHING ZONE (ppm) (initial) 0 (vented to) _____

FINAL PUMP DEPTH (ft btoc) 99

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 1433 DUPLICATE SAMPLE TIME 1455

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)
1355	start pm	70.66	99								0	0	115
1405	70	~~68~~.95		24.29	1.357	7.27	6.52	1.28	-26.1	clear	1150	1.59	65
1410	70	~~69~~.93		24.51	1.385	7.32	3.88	0.86	-24.1	clear	1475	2.03	
1415	70	~~69~~.93		24.52	1.406	7.47	2.24	0.67	-25.7	clear	1800	2.48	
1420	70	~~68~~.95		24.44	1.415	7.60	1.25	0.56	-27.7	clear	2125	2.93	
1425	70	~~68~~.93		24.46	1.418	7.64	0.89	0.48	-27.6	clear	2450	3.38	
1430		70.95		24.48	1.421	7.69	0.86	0.43	-27.3	clear	2775	3.83	
1433		70.95		24.44	1.421	7.71	0.57	0.40	-27.3	clear	2970	4.10	

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

Water level at time of sampling (ft btoc): 70.95 Turbidity at time of sampling: 0.57

Comments: CDM2 RSE 45 discharge 5 recharge 25

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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San Bernardino, CA 92408
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Telefax (909) 889-1391

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 3/14/07 SITE NAME / NUMBER 2

PROGRAM NAME LMC Bauer

MONITORING WELL IDENTIFICATION TT-MW2-18

SAMPLE I.D. TT-MW2-18 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 54.92 WELL DEPTH (ft btoc) 101.51

WATER COLUMN (feet) 46.59 CASING/TUBE DIAMETER (in/~~ft~~) 1/4

~~WELL~~/PUMP VOLUME (V) (~~gals~~ ml) 709 3 v (~~gals~~ ml) 2127

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

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ _____

OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 2.2 (vented to) ND

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

FINAL PUMP DEPTH (ft btoc) 96

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1606 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)
1035	start pump lower pump	54.92	96								∅	∅	100
1045		55.35		22.29	0.572	7.73	11.1	1.42	2.7	clear	1000	1.41	60
1050		55.48		22.45	0.538	7.92	8.78	1.11	-1.7	clear	1300	1.83	30
1055		55.54		22.48	0.518	7.94	9.57	0.92	-2.5	clear	1450	2.05	
1100		55.60		22.50	0.506	7.96	8.25	0.82	-2.5	clear	1600	2.26	
1103		55.61		22.48	0.503	7.97	9.26	0.75	-2.5	clear	1750	2.47	
1106		55.62		22.50	0.501	7.97	7.91	0.66	-2.5	clear	1900	2.64	

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

Water level at time of sampling (ft btoc): — **Turbidity at time of sampling:** _____

Comments: PSI ppm display read

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.

APPENDIX D – WELL CONSTRUCTION SUMMARY TABLE

Table D-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	6325081.02
W2-2	Unk.	Unk.	P	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	2272462.34	6325839.69
W2-3	Unk.	Unk.	P	2028.83	Unk.	Unk.	Unk.	Unk.	Unk.	Unk.	8	Unk.	Unk.	Unk.	2273334.11	6325349.92
W2-5	Unk.	Unk.	P	2140.95	161	467	6	Unk.	Unk.	Unk.	6	Unk.	Unk.	Unk.	2276981.24	6325110.52
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	6325839.69
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	6325287.77
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	6325061.16
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	6325309.81
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	1912.76	29	39	10	39.5	40	10	4	PVC 0.020	HSA	RMC #3	2270041.50	6325886.55
TT-MW2-6S	12/01/05	NA	M	1909.45	52	57	5	57.5	80	10	2	PVC 0.020	HSA	RMC #3	2270063.95	6325968.58
TT-MW2-6D	12/01/05	NA	M	1909.52	28	38	10	38.5	80	10	2	PVC 0.020	HSA	RMC #3	2270064.04	6325968.44
TT-MW2-7	08/21/06	NA	M	1839.25	11.5	26.5	15	27	29	10	4	PVC 0.020	HSA	Lonestar #2/16	2268227.74	6326158.83
TT-MW2-8	08/22/06	NA	M	1836.32	13.5	23.5	10	30	31.5	10	4	PVC 0.020	HSA	Lonestar #2/16	2268277.35	6326195.41
TT-MW2-9S	08/29/06	NA	M	1938.38	29	44	15	44	44.5	10	4	PVC 0.020	HSA	Lonestar #2/16	2271079.03	6325536.53
TT-MW2-9D	08/28/06	NA	M	1938.78	64.6	69.6	5	69.5	70.5	10	4	PVC 0.020	HSA	Lonestar #2/16	2271087.05	6325529.52
TT-MW2-10	09/06/06	NA	M	2001.57	42.1	57.1	15	57.5	61	10	4	PVC 0.020	HSA	Lonestar #2/16	2272551.89	6325612.71
TT-MW2-11	08/31/06	NA	M	2004.51	44.2	54.2	10	54.6	55	10	4	PVC 0.020	HSA	Lonestar #2/16	2272694.04	6326119.79
TT-MW2-12	09/05/06	NA	M	2016.26	49	59	10	59.3	60	10	4	PVC 0.020	HSA	Lonestar #2/16	2272851.92	6325533.11
TT-MW2-13	09/12/06	NA	M	2049.39	60	70	10	70.4	72	10	4	PVC 0.020	HSA	Lonestar #2/16	2273848.43	6325243.9
TT-MW2-14	11/06/06	NA	M	2076.23	66	71	5	71.2	77.2	10	4	PVC 0.020	Sonic	Lonestar #2/16	2274484.91	6324807.23
TT-MW2-16	08/25/06	NA	M	2137.20	56.5	66.5	10	68.8	69.9	10	4	PVC 0.020	HSA	Lonestar #2/12	2276648.22	6325185.27
TT-MW2-17S	11/02/06	NA	M	2097.00	65	75	10	75.5	105	10	4	PVC 0.020	Sonic	Lonestar #2/16	2274898.05	6324549.63
TT-MW2-17D	11/02/06	NA	M	2096.78	94	99	5	99.5	105	10	4	PVC 0.020	Sonic	Lonestar #2/16	2274898.22	6324579.79
TT-MW2-18	09/13/06	NA	M	2035.32	93.1	98.1	5	98.4	102	8	4	PVC 0.020	Sonic	Lonestar #2/16	2273448.87	6325348.6
TT-PZ2-1	08/23/06	NA	PZ	1847.06	14.3	34.3	20	34.7	40.5	10	2	PVC 0.020	HSA	Lonestar #2/12	2268479.29	6325996.01

Notes:

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

APPENDIX E – VALIDATED ANALYTICAL RESULTS by METHOD

Project: Beaumont				Table D - 1					
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-MW2-113				TT-MW2-118		
	SDG:		06K320				06K320		
	Batch ID:		PCK010W				PCK010W		
Parameters	MDL	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
			Dilution 400				Dilution 1000		
Perchlorate	0.5	800	5760		g	2000	20200		g

Base: BMT1

Site: 2

Extraction Method: None

Analytical Method: E314.0

Matrix: Water

Units: ug/L

Table D - 1

Analytical Data Summary

EPA Method E314.0

Environmental Samples

		Field ID:	TT-MW2-10				TT-MW2-11				TT-MW2-111				
		SDG:	07C163				07C163				07C163				
		Batch ID:	PCB017W				PCB019W				PCB019W				
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
								Dilution 20				Dilution 20			
Perchlorate	0.5		2	<0.5	U	g	40	242		g	40	250		g	

Base: BMT1															
Site: 2															
Extraction Method: None															
Analytical Method: E314.0															
Matrix: Water															
Units: ug/L															
		Field ID:	TT-MW2-117D				TT-MW2-12				TT-MW2-13				
		SDG:	07C163				07C163				07C163				
		Batch ID:	PCB020W				PCB017W				PCB020W				
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
				Dilution 2000								Dilution 200			
Perchlorate	0.5		4000	44800		g	2	<0.5	U	g	400	3890		g	

Table D - 1
Analytical Data Summary
EPA Method E314.0
Environmental Samples

Base: BMT1															
Site: 2															
Extraction Method: None															
Analytical Method: E314.0															
Matrix: Water															
Units: ug/L															

Table D - 1
Analytical Data Summary
EPA Method E314.0

			Environmental Samples												
		Field ID:	TT-MW2-14					TT-MW2-16				TT-MW2-17D			
		SDG:	07C163					07C163				07C163			
		Batch ID:	PCB020W					PCB019W				PCB020W			
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
				Dilution 2000								Dilution 2000			
Perchlorate	0.5		4000	39900		g	2	4.14		g	4000	48300		g	

Base: BMT1															
Site: 2															
Extraction Method: None															
Analytical Method: E314.0															
Matrix: Water															
Units: ug/L															
		Field ID:		TT-MW2-17S				TT-MW2-18				TT-MW2-7			
		SDG:		07C163				07C163				07C163			
		Batch ID:		PCB020W				PCB020W				PCB019W			
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
				Dilution 200				Dilution 1000				Dilution 20			
Perchlorate	0.5		400	4400		g	2000	17000		g	40	408		g	

Table D - 1
Analytical Data Summary
EPA Method E314.0

Environmental Samples

Base: BMT1
Site: 2
Extraction Method: None
Analytical Method: E314.0
Matrix: Water
Units: ug/L

Table D - 1
Analytical Data Summary
EPA Method E314.0

			Environmental Samples											
		Field ID:	TT-MW2-8				TT-MW2-9D				TT-MW2-9S			
		SDG:	07C163				07C163				07C163			
		Batch ID:	PCB019W				PCB017W				PCB019W			
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 20								Dilution 20		
Perchlorate	0.5		40	380		g	2	14.1		g	40	206		g

Project: Beaumont															
Site: 2															
Extraction Method: None															
Analytical Method: E314.0															
Matrix: Water															
Units: ug/L		Environmental Samples													
		Field ID:	TT-MW2-14				TT-MW2-114				TT-MW2-17D				
		SDG:	06K252				06K252				06K252				
		Batch ID:	PCK008W				PCK008W				PCK008W				
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
				Dilution 2000				Dilution 2000				Dilution 5000			
Perchlorate	0.5		4000	34800		g	4000	34000		g	10000	79300		g	

Table D - 1
Analytical Data Summary
EPA Method E314.0

Project: Beaumont										
Site: 2										
Extraction Method: None										
Analytical Method: E314.0										
Matrix: Water										
Units: ug/L										

Table D - 1
Analytical Data Summary
EPA Method E314.0

			Environmental Samples							
		Field ID:	TT-MW2-17S				TT-MW2-3			
		SDG:	06K252				06K252			
		Batch ID:	PCK008W				PCK007W			
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 500				Dilution 1000		
Perchlorate	0.5		1000	5870		g	2000	19900		g

Project: Beaumont															
Site: 2															
Extraction Method: None															
Analytical Method: E314.0															
Matrix: Water															
Units: ug/L															
		Field ID:		TT-MW2-1				TT-MW2-2				TT-MW2-4D			
		SDG:		06K268				06K268				06K268			
		Batch ID:		PCK009W				PCK011W				PCK011W			
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
				Dilution 400											
Perchlorate	0.5		800	4930		g	2	<0.5	U	g	2	<0.5	U	g	

Table D - 1
Analytical Data Summary
EPA Method E314.0

Environmental Samples

Project: Beaumont				Table D - 1		
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-MW2-4S				
	SDG:	06K268				
	Batch ID:	PCK011W				
Parameters	MDL	PQL	Result	Validity	Comments	
Perchlorate	0.5	2	<0.5	U	g	

Project: Beaumont														
Site: 2														
Extraction Method: None														
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L														
		Field ID:		TT-MW2-10				TT-MW2-11				TT-MW2-12		
		SDG:		06K320				06K320				06K320		
		Batch ID:		PCK010W				PCK010W				PCK010W		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
								Dilution 20						
Perchlorate	0.5		2	<0.5	U	g	40	195		g	2	9.98		g

Table D - 1
Analytical Data Summary
EPA Method E314.0

Environmental Samples

Project: Beaumont														
Site: 2														
Extraction Method: None														
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		TT-MW2-13				TT-MW2-16				TT-MW2-18		
		SDG:		06K320				06K320				06K320		
		Batch ID:		PCK010W				PCK010W				PCK010W		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 400								Dilution 1000		
Perchlorate	0.5		800	5540		g	2	4.94		g	2000	19700		g

Table D - 1
Analytical Data Summary
EPA Method E314.0

Project: Beaumont

Site: 2

Extraction Method: See Below

Analytical Method: See Below

Matrix: Water

Units: mg/L

Table D - 2

Analytical Data Summary

California Title 22 General Minerals

Environmental Samples

Parameters	EPA Method	MDL	Field ID: / SDG:	TT-MW2-14 Batch ID	PQL	06K252 Result	Validity	Comments	TT-MW2-114 Batch ID	PQL	06K252 Result	Validity	Comments
Alkalinity, Total (as CaCO3)	A2320B	1		ALK026W	5	190		g	ALK026W	5	195		g
Bicarbonate (as CaCO3)	A2320B	1		ALK026W	5	190		g	ALK026W	5	195		g
Solids, Total Dissolved	E160.1	5		TDK016W	10	1130	J	e	TDK016W	10	1150	J	e
Chloride	E300.0	0.1		ICK055W	20	397 *		g	ICK055W	10	396 ***		g
Nitrate (as N)	E300.0	0.05		ICK053W	1	12.5 **		g	ICK053W	1	12.7 **		g
Sulfate	E300.0	0.25		ICK053W	5	68.1 **		g	ICK053W	5	68.9 **		g

* Sample diluted at a factor of 100

** Sample diluted at a factor of 10

*** Sample diluted at a factor of 50

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

Table D - 3
Analytical Data Summary
EPA Method SW6010B

Environmental Samples

Parameters	MDL	PQL	Field ID: TT-MW2-14 SDG: 06K252 Batch ID: IPK059W Result (Unfiltered)	Validity	Comments	PQL	Field ID: TT-MW2-114 SDG: 06K252 Batch ID: IPK059W Result (Unfiltered)	Validity	Comments
Antimony	0.04	0.1	<0.04	U	g	0.1	<0.04	U	g
Arsenic	0.005	0.01	<0.005	U	g	0.01	<0.005	U	g
Barium	0.002	0.01	0.09		g	0.01	0.0903		g
Beryllium	0.001	0.01	<0.001	U	g	0.01	<0.001	U	g
Cadmium	0.002	0.01	<0.002	U	g	0.01	<0.002	U	g
Calcium	0.1	1	79.3		g	1	81.2		g
Chromium	0.005	0.01	<0.005	U	g	0.01	0.00833	J	q
Cobalt	0.005	0.01	<0.005	U	g	0.01	<0.005	U	g
Copper	0.005	0.01	<0.005	U	g	0.01	0.0067	J	q
Lead	0.003	0.01	<0.003	U	g	0.01	<0.003	U	g
Magnesium	0.1	1	9.09		g	1	9.56		g
Molybdenum	0.01	0.05	<0.01	U	g	0.05	<0.01	U	g
Nickel	0.01	0.02	0.0103	J	q	0.02	<0.01	U	g
Potassium	1	2	2.93		g	2	2.74		g
Selenium	0.005	0.01	0.0151		g	0.01	0.0116		g
Silver	0.005	0.01	<0.005	U	g	0.01	<0.005	U	g
Sodium	0.25	1	341		g	1	352		g
Thallium	0.005	0.01	0.011	B	k	0.01	0.00809	B J	k, q
Vanadium	0.005	0.01	0.0155		g	0.01	0.0192		g
Zinc	0.005	0.01	0.0482	J	f	0.01	0.0831	J	f

Project: Beaumont

Site: 2

Extraction Method: SW7470A

Analytical Method: SW7470A

Matrix: Water

Units: ug/L

Table D - 4

Analytical Data Summary

EPA Method 7470A

Environmental Samples

		Field ID:			TT-MW2-14				TT-MW2-114			
		SDG:			06K252				06K252			
Parameters	MDL	Batch ID	PQL	Result (Unfiltered)	Validity	Comments	Batch ID	PQL	Result (Unfiltered)	Validity	Comments	
Mercury	0.1	HGL005W	0.5	<0.1	U	g	HGL005W	0.5	<0.1	U	g	

Project: Beaumont											
Site: 2											
Extraction Method: SW5030B											
Analytical Method: SW8260B											
Matrix: Water											
Units: ug/L											
		Field ID:		TT-MW2-113				TT-MW2-118			
		SDG:		06K320				06K320			
		Batch ID:		VO67L14				VO67L14			
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
1,1,1-Trichloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	
1,1,2,2-Tetrachloroethane	0.2		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	
1,1-Dichloroethane	0.2		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	
1,2-Dichloroethane	0.2		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	
2-Butanone	5		10	<5	U	g	10	<5	U	g	
2-Hexanone	5		10	<5	U	g	10	<5	U	g	
4-Methyl-2-Pentanone	5		10	<5	U	g	10	<5	U	g	
Acetone	5		10	<5	U	g	10	<5	U	g	
Benzene	0.2		1	<0.2	U	g	1	<0.2	U	g	
Bromodichloromethane	0.2		1	<0.2	U	g	1	<0.2	U	g	
Bromoform	0.3		1	<0.3	U	g	1	<0.3	U	g	
Bromomethane	0.2		1	<0.2	U	g	1	<0.2	U	g	
Carbon Disulfide	0.2		1	<0.2	U	g	1	<0.2	U	g	
Carbon Tetrachloride	0.2		1	<0.2	U	g	1	<0.2	U	g	
Chlorobenzene	0.2		1	<0.2	U	g	1	<0.2	U	g	
Dibromochloromethane	0.2		1	<0.2	U	g	1	<0.2	U	g	
Chloroethane	0.2		1	<0.2	U	g	1	<0.2	U	g	
Chloroform	0.2		1	<0.2	U	g	1	<0.2	U	g	
Chloromethane	0.2		1	<0.2	U	g	1	<0.2	U	g	
Ethylbenzene	0.2		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	
Methylene Chloride	0.5		1	<0.5	U	g	1	<0.5	U	g	
Styrene	0.2		1	<0.2	U	g	1	<0.2	U	g	
Tetrachloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	
Toluene	0.2		1	0.2	J	q	1	0.28	J	q	
Trichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	
Vinyl Chloride	0.2		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	
cis-1,3-Dichloropropene	0.2		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	
o-Xylene	0.2		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	
trans-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	

Table D - 5
Analytical Data Summary
EPA Method SW8260B

Environmental Samples

Base: BMT1						Table D - 5								
Site: 2						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water		Environmental Samples												
Units: ug/L														
		Field ID:	TT-MW2-10					TT-MW2-11				TT-MW2-111		
		SDG:	07C163					07C163				07C163		
		Batch ID:	VO67C43					VO67C43				VO67C45		
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-t-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	4.7		g	1	5.6		g
Vinyl Chloride	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
c-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
c-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
p/m-Xylene	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
t-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
t-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Diisopropylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Ethyl-tert-butylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
tert-Amyl Methylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
tert-Butanol	5		10	<5	U	g	10	<5	U	g	10	<5	U	g

Base: BMT1				Table D - 5										
Site: 2				Analytical Data Summary										
Extraction Method: SW5030B				EPA Method SW8260B										
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:	TT-MW2-117D					TT-MW2-12				TT-MW2-13		
		SDG:	07C163					07C163				07C163		
		Batch ID:	VO67C47					VO67C43				VO67C45		
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	0.34	J	q
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	0.24	J	q	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	0.21	J	q
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	0.28	J	q	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-t-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	0.7	J	q	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
c-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
c-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
p/m-Xylene	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
t-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
t-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Diisopropylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Ethyl-tert-butylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
tert-Amyl Methylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
tert-Butanol	5		10	<5	U	g	10	<5	U	g	10	<5	U	g

Base: BMT1

Site: 2

Extraction Method: SW5030B

Analytical Method: SW8260B

Matrix: Water

Units: ug/L

Table D - 5

Analytical Data Summary

EPA Method SW8260B

Environmental Samples

			Field ID:	TT-MW2-14				TT-MW2-14DL				TT-MW2-16			
			SDG:	07C163				07C163				07C163			
			Batch ID:	VO67C45				VO67C45				VO67C45			
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
								Dilution 50						
1,1,1-Trichloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,1,2,2-Tetrachloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,1,2-Trichloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,1-Dichloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,1-Dichloroethene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,2-Dichloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,2-Dichloropropane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
2-Butanone	5		10	<5	U	g	500	<250	U	g	10	<5	U	g
2-Hexanone	5		10	<5	U	g	500	<250	U	g	10	<5	U	g
4-Methyl-2-Pentanone	5		10	<5	U	g	500	<250	U	g	10	<5	U	g
Acetone	5		10	<5	U	g	500	<250	U	g	10	<5	U	g
Benzene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Bromodichloromethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Bromoform	0.3		1	<0.3	U	g	50	<15	U	g	1	<0.3	U	g
Bromomethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Carbon Disulfide	0.2		1	0.27	J	q	50	<10	U	g	1	<0.2	U	g
Carbon Tetrachloride	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Chlorobenzene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Dibromochloromethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Chloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Chloroform	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Chloromethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Ethylbenzene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Methyl-t-Butyl Ether (MTBE)	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Methylene Chloride	0.5		1	290	J	r	50	330		g	1	<0.5	U	g
Styrene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Tetrachloroethene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Toluene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Trichloroethene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Vinyl Chloride	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
c-1,2-Dichloroethene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
c-1,3-Dichloropropene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
p/m-Xylene	0.5		2	<0.5	U	g	100	<25	U	g	2	<0.5	U	g
o-Xylene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
t-1,2-Dichloroethene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
t-1,3-Dichloropropene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Diisopropylether	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Ethyl-tert-butylether	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
tert-Amyl Methylether	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
tert-Butanol	5		10	<5	U	g	500	<250	U	g	10	<5	U	g

Base: BMT1
Site: 2
Extraction Method: SW5030B
Analytical Method: SW8260B
Matrix: Water
Units: ug/L

Table D - 5
Analytical Data Summary
EPA Method SW8260B

Environmental Samples

		Field ID:	TT-MW2-17D				TT-MW2-17S				TT-MW2-18			
		SDG:	07C163				07C163				07C163			
		Batch ID:	VO67C47				VO67C47				VO67C45			
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	0.22	J	q
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	0.31	J	q	1	<0.2	U	g	1	0.21	J	q
Ethylbenzene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Methyl-t-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	0.26	J	q	1	<0.2	U	g
Trichloroethene	0.2		1	0.66	J	q	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
c-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
c-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
p/m-Xylene	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
t-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
t-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Diisopropylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Ethyl-tert-butylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
tert-Amyl Methylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
tert-Butanol	5		10	<5	U	g	10	<5	U	g	10	<5	U	g

Base: BMT1				Table D - 5										
Site: 2				Analytical Data Summary										
Extraction Method: SW5030B				EPA Method SW8260B										
Analytical Method: SW8260B														
Matrix: Water				Environmental Samples										
Units: ug/L														
		Field ID:		TT-MW2-7				TT-MW2-8				TT-MW2-9D		
		SDG:		07C163				07C163				07C163		
		Batch ID:		VO67C45				VO67C45				VO67C45		
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	0.58	J	q
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	0.38	J	q
Ethylbenzene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Methyl-t-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
c-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
c-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
p/m-Xylene	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
t-1,2-Dichloroethene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
t-1,3-Dichloropropene	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Diisopropylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
Ethyl-tert-butylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
tert-Amyl Methylether	0.2		1	<0.2	U	g	1	<0.2	U	g	1	<0.2	U	g
tert-Butanol	5		10	<5	U	g	10	<5	U	g	10	<5	U	g

Base: BMT1				Table D - 5		
Site: 2				Analytical Data Summary		
Extraction Method: SW5030B				EPA Method SW8260B		
Analytical Method: SW8260B						
Matrix: Water		Environmental Samples				
Units: ug/L						
	Field ID:		TT-MW2-9S			
	SDG:		07C163			
	Batch ID:		VO67C45			
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-t-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	<0.2	U	g	
Vinyl Chloride	0.2	1	<0.2	U	g	
c-1,2-Dichloroethene	0.2	1	<0.2	U	g	
c-1,3-Dichloropropene	0.2	1	<0.2	U	g	
p/m-Xylene	0.5	2	<0.5	U	g	
o-Xylene	0.2	1	<0.2	U	g	
t-1,2-Dichloroethene	0.2	1	<0.2	U	g	
t-1,3-Dichloropropene	0.2	1	<0.2	U	g	
Diisopropylether	0.2	1	<0.2	U	g	
Ethyl-tert-butylether	0.2	1	<0.2	U	g	
tert-Amyl Methylether	0.2	1	<0.2	U	g	
tert-Butanol	5	10	<5	U	g	

Project: Beaumont														
Site: 2														
Extraction Method: SW5030B														
Analytical Method: SW8260B														
Matrix: Water														
Units: ug/L														
		Field ID:	TT-MW2-14					TT-MW2-14				TT-MW2-114		
		SDG:	06K252					06K252				06K252		
		Batch ID:	VO05K68					VO05K68				VO05K68		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
								Dilution 50						
1,1,1-Trichloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,1,2,2-Tetrachloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,1,2-Trichloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,1-Dichloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,1-Dichloroethene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,2,3-Trichloropropane	0.0025		0.005	<0.0025	U	g					0.005	<0.0025	U	g
1,2-Dichloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
1,2-Dichloropropane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
2-Butanone	5		10	<5	U	g	500	<250	U	g	10	<5	U	g
2-Hexanone	5		10	<5	U	g	500	<250	U	g	10	<5	U	g
4-Methyl-2-Pentanone	5		10	<5	U	g	500	<250	U	g	10	<5	U	g
Acetone	5		10	<5	U	g	500	<250	U	g	10	<5	U	g
Benzene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Bromodichloromethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Bromoform	0.3		1	<0.3	U	g	50	<15	U	g	1	<0.3	U	g
Bromomethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Carbon Disulfide	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Carbon Tetrachloride	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Chlorobenzene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Dibromochloromethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Chloroethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Chloroform	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Chloromethane	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Ethylbenzene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Methyl tert-butyl ether (MTBE)	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Methylene Chloride	0.5		1	110	J	f, r	50	380		g	1	150	J	f, r
Styrene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Tetrachloroethene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Toluene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Trichloroethene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
Vinyl Chloride	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
cis-1,2-Dichloroethene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
cis-1,3-Dichloropropene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
m,p-Xylenes	0.5		2	<0.5	U	g	100	<25	U	g	2	<0.5	U	g
o-Xylene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
trans-1,2-Dichloroethene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g
trans-1,3-Dichloropropene	0.2		1	<0.2	U	g	50	<10	U	g	1	<0.2	U	g

Table D - 5
Analytical Data Summary
EPA Method SW8260B

Environmental Samples

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

Table D - 5
Analytical Data Summary
EPA Method SW8260B

Environmental Samples

		Field ID:	TT-MW2-114				TT-MW2-17D				TT-MW2-17S				
		SDG:	06K252				06K252				06K252				
		Batch ID:	VO05K68				VO05K68				VO05K68				
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
				Dilution 50											
1,1,1-Trichloroethane	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
1,1,2,2-Tetrachloroethane	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
1,1,2-Trichloroethane	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
1,1-Dichloroethane	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
1,1-Dichloroethene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
1,2-Dichloroethane	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
1,2-Dichloropropane	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
2-Butanone	5		500	<250	U	g	10	<5	U	g	10	<5	U	g	
2-Hexanone	5		500	<250	U	g	10	<5	U	g	10	<5	U	g	
4-Methyl-2-Pentanone	5		500	<250	U	g	10	<5	U	g	10	<5	U	g	
Acetone	5		500	<250	U	g	10	<5	U	g	10	<5	U	g	
Benzene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Bromodichloromethane	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Bromoform	0.3		50	<15	U	g	1	<0.3	U	g	1	<0.3	U	g	
Bromomethane	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Carbon Disulfide	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Carbon Tetrachloride	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Chlorobenzene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Dibromochloromethane	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Chloroethane	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Chloroform	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Chloromethane	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Ethylbenzene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Methyl tert-butyl ether (MTBE)	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Methylene Chloride	0.5		50	330		g	1	<0.5	U	g	1	<0.5	U	g	
Styrene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Tetrachloroethene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Toluene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
Trichloroethene	0.2		50	<10	U	g	1	3.2		g	1	<0.2	U	g	
Vinyl Chloride	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
cis-1,2-Dichloroethene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
cis-1,3-Dichloropropene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
m,p-Xylenes	0.5		100	<25	U	g	2	<0.5	U	g	2	<0.5	U	g	
o-Xylene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
trans-1,2-Dichloroethene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	
trans-1,3-Dichloropropene	0.2		50	<10	U	g	1	<0.2	U	g	1	<0.2	U	g	

Project: Beaumont						Table D - 5	
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:		06K252			
		Batch ID:		VO05K68			
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	0.31	J	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	4.2		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: SW5030B															
Analytical Method: SW8260B															
Matrix: Water															
Units: ug/L															
		Field ID:	TT-MW2-1				TT-MW2-2				TT-MW2-4D				
		SDG:	06K268				06K268				06K268				
		Batch ID:	VO05K63				VO05K63				VO05K63				
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 D - 5
Analytical Data Summary
EPA Method SW8260B

Environmental Samples

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

Table D - 5
Analytical Data Summary
EPA Method SW8260B

Environmental Samples

		Field ID:	TT-MW2-4S			
		SDG:	06K268			
		Batch ID:	VO05K63			
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	<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	<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: SW5030B														
Analytical Method: SW8260B														
Matrix: Water														
Units: ug/L														

Table D - 5
Analytical Data Summary
EPA Method SW8260B

Environmental Samples

		Field ID:	TT-MW2-10				TT-MW2-11				TT-MW2-12			
		SDG:	06K320				06K320				06K320			
		Batch ID:	VO67L14				VO67L14				VO67L14			
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	0.28	J	q	1	<0.2	U	g	1	0.26	J	q
Trichloroethene	0.2		1	<0.2	U	g	1	4.8		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

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

Table D - 5
Analytical Data Summary
EPA Method SW8260B

Environmental Samples

			Field ID:	TT-MW2-13				TT-MW2-16				TT-MW2-18			
			SDG:	06K320				06K320				06K320			
			Batch ID:	VO67L14				VO67L14				VO67L14			
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	0.22	J	q	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	J	q	1	0.29	J	q	1	0.28	J	q
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

Project: Beaumont
Site: 2
Extraction Method: SW3520C
Analytical Method: SW8270C
Matrix: Water
Units: ug/L

Table D - 6
Analytical Data Summary
EPA Method SW8270C

Environmental Samples

		Field ID:	TT-MW2-14				TT-MW2-114			
		SDG:	06K252				06K252			
		Batch ID:	SVK039W				SVK039W			
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,2,4-Trichlorobenzene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
1,2-Dichlorobenzene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
1,3-Dichlorobenzene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
1,4-Dichlorobenzene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2,4,5-Trichlorophenol	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2,4,6-Trichlorophenol	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2,4-Dichlorophenol	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2,4-Dimethylphenol	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2,4-Dinitrophenol	5		20	<4.9	UJ	e	20	<5	UJ	e
2,4-Dinitrotoluene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2,6-Dinitrotoluene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2-Chloronaphthalene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2-Chlorophenol	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2-Methylnaphthalene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2-Methylphenol	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2-Nitroaniline	5		9.8	<4.9	UJ	e	10	<5	UJ	e
2-Nitrophenol	5		9.8	<4.9	UJ	e	10	<5	UJ	e
3,3'-Dichlorobenzidine	5		9.8	<4.9	UJ	e	10	<5	UJ	e
3-Nitroaniline	5		9.8	<4.9	UJ	e	10	<5	UJ	e
4,6-dinitro-2-methylphenol	5		20	<4.9	UJ	e	20	<5	UJ	e
4-Bromophenyl-Phenyl Ether	5		9.8	<4.9	UJ	e	10	<5	UJ	e
4-Chloro-3-Methylphenol	5		9.8	<4.9	UJ	e	10	<5	UJ	e
4-Chloroaniline	5		9.8	<4.9	UJ	e	10	<5	UJ	e
4-Chlorophenyl-Phenyl Ether	5		9.8	<4.9	UJ	e	10	<5	UJ	e
4-Methylphenol	5		9.8	<4.9	UJ	e	10	<5	UJ	e
4-Nitroaniline	5		9.8	<4.9	UJ	e	10	<5	UJ	e
4-Nitrophenol	5		20	<4.9	UJ	e	20	<5	UJ	e
Acenaphthene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Acenaphthylene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Anthracene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Benzo (a) Pyrene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Benzo (b) Fluoranthene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Benzo (g,h,i) Perylene	5		9.8	<4.9	UJ	e	10	<5	UJ	e

Project: Beaumont
Site: 2
Extraction Method: SW3520C
Analytical Method: SW8270C
Matrix: Water
Units: ug/L

Table D - 6
Analytical Data Summary
EPA Method SW8270C

Environmental Samples

		Field ID:	TT-MW2-14				TT-MW2-114			
		SDG:	06K252				06K252			
		Batch ID:	SVK039W				SVK039W			
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Benzo (k) Fluoranthene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Benzo (a) Anthracene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Bis(2-Chloroethoxy) Methane	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Bis(2-Chloroethyl) Ether	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Bis(2-Chloroisopropyl) Ether	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Bis(2-Ethylhexyl) Phthalate	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Butyl Benzyl Phthalate	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Chrysene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Dibenz (a,h) Anthracene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Dibenzofuran	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Diethyl Phthalate	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Dimethyl Phthalate	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Di-n-Butyl Phthalate	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Di-n-Octyl Phthalate	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Fluoranthene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Fluorene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Hexachlorobenzene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Hexachlorobutadiene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Hexachlorocyclopentadiene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Hexachloroethane	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Indeno (1,2,3-c,d) Pyrene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Isophorone	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Naphthalene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Nitrobenzene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
N-Nitroso-di-n-propylamine	5		9.8	<4.9	UJ	e	10	<5	UJ	e
N-Nitrosodiphenylamine	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Pentachlorophenol	5		20	<4.9	UJ	e	20	<5	UJ	e
Phenanthrene	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Phenol	5		9.8	<4.9	UJ	e	10	<5	UJ	e
Pyrene	5		9.8	<4.9	UJ	e	10	<5	UJ	e

Project: Beaumont	Table D - 7										
Site: 2	Analytical Data Summary										
Extraction Method: SW3520	EPA Method SW8330										
Analytical Method: SW8330											
Matrix: Water											
Units: ug/L											
	Environmental Samples										
	Field ID:		TT-MW2-14	TT-MW2-14				TT-MW2-114	TT-MW2-114		
	SDG:		06K252	06K252				06K252	06K252		
	Batch ID:		EXK006W	EXK006W				EXK006W	EXK006W		
	Primary		Primary	Primary	Secondary			Primary	Primary	Secondary		
Parameters	MDL		PQL	Result	Result	Validity	Comments	PQL	Result	Result	Validity	Comments
RDX	0.2		1	<0.2	<0.2	U	g	1	<0.2	<0.2	U	g

Project: Beaumont
Site: 2
Extraction Method: SW3520
Analytical Method: SW8330
Matrix: Water
Units: ug/L

Table D - 7
Analytical Data Summary
EPA Method SW8330

		Environmental Samples				
	Field ID:		TT-MW2-1	TT-MW2-1		
	SDG:		06K320	06K320		
	Batch ID:		EXL001W	EXL001W		
	Primary	Primary	Primary	Secondary		
Parameters	MDL	PQL	Result	Result	Validity	Comments
RDX	0.2	1	0.89	0.89	J	q

APPENDIX F – LABORATORY ANALYTICAL DATA PACKAGES

TABLE OF CONTENTS

CLIENT: **TETRA TECH, INC.**

PROJECT: **LMC BEAUMONT SITE 2**

SDG: **06K252**

** - Not Requested

LABORATORIES, INC.
1835 W. 205th Street
Torrance, CA 90501
Tel: (310) 618-8889
Fax:(310) 618-0818

Date: 12-21-2006
EMAX Batch No.: 06K252

Attn: Michael Wilson

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 11/20/06.
The data reported include :

Sample ID	Control #	Col Date	Matrix	Analysis
LTB-112006	K252-01	11/20/06	WATER	VOLATILE ORGANICS BY GC/MS
LEB-112006-B	K252-02	11/20/06	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-112006-GP	K252-03	11/20/06	WATER	VOLATILE ORGANICS BY GC/MS
				PERCHLORATE BY IC
TT-MW2-14	K252-04	11/20/06	WATER	VOLATILE ORGANICS BY GC/MS
				1,2,3-TRICHLOROPROPANE SIM
				PERCHLORATE BY IC
				NITROAROMATICS & NITRAMINES

Sample ID	Control #	Col Date	Matrix	Analysis
				SEMIVOLATILE ORGANICS BY GCMS
				METALS CAM
				MERCURY
				CATIONS
				ANIONS BY IC
				ALKALINITY
				SOLIDS TOTAL DISSOLVED
				N-NITROSODIMETHYLAMINE BY GCMS
TT-MW2-114	K252-05	11/20/06	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 GC/MS
TT-MW2-17S	K252-06	11/20/06	WATER	VOLATILE ORGANICS BY GC/MS
				PERCHLORATE BY IC
TT-MW2-17D	K252-07	11/20/06	WATER	VOLATILE ORGANICS BY GC/MS
				PERCHLORATE BY IC
TT-MW2-3	K252-08	11/20/06	WATER	VOLATILE ORGANICS BY GC/MS
				PERCHLORATE BY IC
TT-MW2-14MS	K252-04M	11/20/06	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
				N-NITROSODIMETHYLAMINE BY GC/MS
TT-MW2-14MSD	K252-04S	11/20/06	WATER	VOLATILE ORGANICS BY GC/MS
				1,2,3-TRICHLOROPROPANE SIM
				NITROAROMATICS & NITRAMINES
				SEMIVOLATILE ORGANICS BY GCMS
				METALS CAM

Sample ID	Control #	Col Date	Matrix	Analysis
				MERCURY
				N-NITROSODIMETHYLAMINE BY GC/MS
				CATIONS
TT-MW2-14DUP	K252-04D	11/20/06	WATER	PERCHLORATE BY IC
				ANIONS BY IC
				ALKALINITY
				SOLIDS TOTAL DISSOLVED

Note : N-NITROSODIMETHYLAMINE BY GC/MS 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

06K252

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 11/20/06 PAGE 2 OF 2

CLIENT: LMC
PROJECT NAME: Beaumont Site 2
PROJECT MANAGER: Brenda Meyer
TC #: 18089-03
SAMPLERS (Signatures)

PARAMETERS

LINE ITEM	SAMPLE NO	DATE	TIME	8260 VOC	314.0 Perchlorate	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE
1	TT-MW2-3	11/20/06	1055	X	X	U	W	G/P	4	HCl/Ice
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS: Sampled w/ pump

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; NaOH; NR (None required); H_2SO_4

RELINQUISHED BY: Christopher Raby	SIGNATURE	TETRA TECH, INC.	DATE 11/20/06	TIME	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 4 of 8 1
RECEIVED BY: A. CALICA	SIGNATURE	COMPANY EMAX	DATE 11/20/06	TIME 1555	METHOD OF SHIPMENT/SHIPMENT NO. Courier
RELINQUISHED BY: A. CALICA	SIGNATURE	COMPANY EMAX	DATE 11/21/06	TIME 18:00	Special Shipping/Handling/Storage Requirements:
RECEIVED BY: INDRA PATEL	SIGNATURE	COMPANY EMAX	DATE 11/20/06	TIME 1800	

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

① T = 3.1°C ② T = 2.9°C

1603

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

06K252

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 11/20/06 PAGE 1 OF 2

CLIENT: LMC
PROJECT NAME: Beaumont Site 2
PROJECT MANAGER: Brenda Meyer
TC #: 18658-02
SAMPLERS (Signatures)

TURN-AROUND TIME: Standard

OBSERVATIONS/COMMENTS: TT-mw2-14 is ms/msd sample

LINE ITEM	SAMPLE NO.	DATE	TIME	8260VOC w/TIC Search	1,2,3 TCP	8330A RDX	314.0 Perchlorate	CAM 17 metals	Gen Min	E1624 NDMA	8270C SVOC	8260 VOC	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	COMMENTS
1.	LTB-112006	11/20/06	600	X									U	W	G	2	HCL	
2.	LEB-112006-B	↓	610	X	X	X	X	X	X	X	X		↓	↓	G/P	13	HCL/NR	bailer equip blank
3.	LEB-112006-GP	↓	615				X					X	↓	↓	↓	4	↓	pump equip blank
4.	TT-MW2-14	↓	1200	X	X	X	X	X	X	X	X		↓	↓	↓	37	↓	sampled w/ bailer
5.	TT-MW2-114	↓	100	X	X	X	X	X	X	X	X		↓	↓	↓	13	↓	↓
6.	TT-MW2-17S	↓	1000				X					X	↓	↓	↓	4	↓	
7.	TT-MW2-17D	↓	952				X					X	↓	↓	↓	4	↓	sampled with pump
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

	SIGNATURE	COMPANY	DATE	TIME
RELINQUISHED BY Christopher Perry	[signature]	TETRA TECH, INC.	11/20/06	
RECEIVED BY A. Galicia	[signature]	EMAX	11/20/06	1555
RELINQUISHED BY A. Galicia	[signature]	EMAX	11/20/06	18:00
RECEIVED BY Indra Pater	[signature]	EMAX	11/20/06	1800

TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 77 of 81

METHOD OF SHIPMENT/SHIPMENT NO. Courier

Special Shipping/Handling/Storage Requirements:

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

① T = 3.1°C ② T = 2.9°C

X:\GISATT-MISC\COCR.CDR

1004

EMAX LABORATORIES, INC.

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill	ECN 06K252
☑ EMAX Courier See COC		Recepient I. P.
☐ Client Delivery		Date 11/20/06
☐ Third Party		Time 1800

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	☐ _____
Temperatures	☐ Cooler 1 3.1 °C	☐ Cooler 2 2.9 °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

REVIEWS

Sample Labeling Date 11/20/06

SRF Date 11/20/06

PM Date 11/21/06

LEGEND:

Code	Description- Sample Management
A1	Analysis is not indicated in COC
A2	Analysis is not indicated in label
A3	Analysis is inconsistent in COC vis-à-vis label
B1	Sample ID is not indicated in COC
B2	Sample ID is not indicated in label
B3	Sample ID is inconsistent in COC vis-à-vis label
C1	Wrong container
C2	Broken container
C3	Leaking container
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

Code	Description-Sample Management
E1	Preservative needed; sample has no preservative
E2	Preservative not needed but sample is preserved
F1	Not enough quantity of samples
F2	Bubble is> 6mm
G1	Temperature is out of range (4 +_ 2°C)
G2	Out of Holding Time
G3	>20 % solid particle
H1	
H2	

Code	Description-Project Management
R1	Hold sample(s); wait for further instructions
R2	Proceed as indicated in COC
R3	Refer to attached instruction
R4	Cancel the analysis
R5	
R6	

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#: 06K252

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06K252

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Eight (8) water samples were received on 11/20/06 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 K252-04 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 CHRONICLE
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2

SDG NO. : 06K252
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	V005K68Q	1	NA	11/28/0602:48	11/28/0602:48	RKQ754	RKQ493	V005K68	Method Blank
LCS1W	V005K68L	1	NA	11/28/0600:57	11/28/0600:57	RKQ751	RKQ493	V005K68	Lab Control Sample (LCS)
LCD1W	V005K68C	1	NA	11/28/0601:34	11/28/0601:34	RKQ752	RKQ493	V005K68	LCS Duplicate
TT-MW2-14DL	K252-04T	50	NA	11/28/0603:25	11/28/0603:25	RKQ755	RKQ493	V005K68	Diluted Sample
TT-MW2-114DL	K252-05T	50	NA	11/28/0604:03	11/28/0604:03	RKQ756	RKQ493	V005K68	Diluted Sample
LTB-112006	K252-01R	1	NA	11/28/0604:40	11/28/0604:40	RKQ757	RKQ493	V005K68	Field Sample
LEB-112006-B	K252-02R	1	NA	11/28/0605:17	11/28/0605:17	RKQ758	RKQ493	V005K68	Field Sample
LEB-112006-GP	K252-03R	1	NA	11/28/0605:54	11/28/0605:54	RKQ759	RKQ493	V005K68	Field Sample
TT-MW2-17S	K252-06R	1	NA	11/28/0606:31	11/28/0606:31	RKQ760	RKQ493	V005K68	Field Sample
TT-MW2-17D	K252-07R	1	NA	11/28/0607:08	11/28/0607:08	RKQ761	RKQ493	V005K68	Field Sample
TT-MW2-3	K252-08R	1	NA	11/28/0607:46	11/28/0607:46	RKQ762	RKQ493	V005K68	Field Sample
TT-MW2-114	K252-05R	1	NA	11/28/0608:22	11/28/0608:22	RKQ763	RKQ493	V005K68	Field Sample
TT-MW2-14	K252-04R	1	NA	11/28/0609:00	11/28/0609:00	RKQ764	RKQ493	V005K68	Field Sample
TT-MW2-14MS	K252-04U	1	NA	11/28/0609:37	11/28/0609:37	RKQ765	RKQ493	V005K68	Matrix Spike Sample (MS)
TT-MW2-14MSD	K252-04V	1	NA	11/28/0610:13	11/28/0610:13	RKQ766	RKQ493	V005K68	MS Duplicate (MSD)

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH, INC.	Date Collected: 11/20/06
Project : LMC BEAUMONT SITE 2	Date Received: 11/20/06
Batch No. : 06K252	Date Extracted: 11/28/06 04:40
Sample ID: LTB-112006	Date Analyzed: 11/28/06 04:40
Lab Samp ID: K252-01R	Dilution Factor: 1
Lab File ID: RKQ757	Matrix : WATER
Ext Btch ID: VOO5K68	% Moisture : NA
Calib. Ref.: RKQ493	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	95	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/28/06 04:40
Sample ID:	LTB-112006	Date Analyzed:	11/28/06 04:40
Lab Samp ID:	K252-01R	Dilution Factor:	1
Lab File ID:	RKQ757	Matrix :	WATER
Ext Btch ID:	VOO5K68	% Moisture :	NA
Calib. Ref.:	RKQ493	Instrument ID :	T-005

Number of TIC : 1

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	4.2J	1.72	4

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH, INC.	Date Collected: 11/20/06
Project : LMC BEAUMONT SITE 2	Date Received: 11/20/06
Batch No. : 06K252	Date Extracted: 11/28/06 05:17
Sample ID: LEB-112006-B	Date Analyzed: 11/28/06 05:17
Lab Samp ID: K252-02R	Dilution Factor: 1
Lab File ID: RKQ758	Matrix : WATER
Ext Btch ID: VOO5K68	% Moisture : NA
Calib. Ref.: RKQ493	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	6.5J	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	99	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/28/06 05:17
Sample ID:	LEB-112006-B	Date Analyzed:	11/28/06 05:17
Lab Samp ID:	K252-02R	Dilution Factor:	1
Lab File ID:	RKQ758	Matrix :	WATER
Ext Btch ID:	VOO5K68	% Moisture :	NA
Calib. Ref.:	RKQ493	Instrument ID :	T-005

Number of TIC : 2

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	2.8J	1.73	4
UNKNOWN	.9J	16.37	27

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/28/06 05:54
Sample ID	: LEB-112006-GP	Date Analyzed:	11/28/06 05:54
Lab Samp ID	: K252-03R	Dilution Factor:	1
Lab File ID	: RKQ759	Matrix	: WATER
Ext Btch ID	: VO05K68	% Moisture	: NA
Calib. Ref.	: RKQ493	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	7.7J	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	98	70-130
TOLUENE-D8	101	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/28/06 09:00
Sample ID:	TT-MW2-14	Date Analyzed:	11/28/06 09:00
Lab Samp ID:	K252-04R	Dilution Factor:	1
Lab File ID:	RKQ764	Matrix :	WATER
Ext Btch ID:	VO05K68	% Moisture :	NA
Calib. Ref.:	RKQ493	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	110E	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	97	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/28/06 09:00
Sample ID:	TT-MW2-14	Date Analyzed:	11/28/06 09:00
Lab Samp ID:	K252-04R	Dilution Factor:	1
Lab File ID:	RKQ764	Matrix :	WATER
Ext Btch ID:	VOO5K68	% Moisture :	NA
Calib. Ref.:	RKQ493	Instrument ID :	T-005

Number of TIC : 2

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	4.7J	1.72	4
UNKNOWN	3.9J	4.63	39

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH, INC.	Date Collected: 11/20/06
Project : LMC BEAUMONT SITE 2	Date Received: 11/20/06
Batch No. : 06K252	Date Extracted: 11/28/06 03:25
Sample ID: TT-MW2-14DL	Date Analyzed: 11/28/06 03:25
Lab Samp ID: K252-04T	Dilution Factor: 50
Lab File ID: RKQ755	Matrix : WATER
Ext Btch ID: VOO5K68	% Moisture : NA
Calib. Ref.: RKQ493	Instrument ID : T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	50	10
1,2-DICHLOROETHANE	ND	50	10
1,2-DICHLOROPROPANE	ND	50	10
2-BUTANONE	ND	500	250
2-HEXANONE	ND	500	250
4-METHYL-2-PENTANONE	ND	500	250
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
BROMOFORM	ND	50	15
BROMOMETHANE	ND	50	10
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	50	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	50	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	50	10
CIS-1,2-DICHLOROETHENE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
DIBROMOCHLOROMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
M/P-XYLENES	ND	100	25
MTBE	ND	50	10
METHYLENE CHLORIDE	380	50	25
O-XYLENE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
TRICHLOROETHENE	ND	50	10
VINYL CHLORIDE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	99	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/28/06 03:25
Sample ID:	TT-MW2-14DL	Date Analyzed:	11/28/06 03:25
Lab Samp ID:	K252-04T	Dilution Factor:	50
Lab File ID:	RKQ755	Matrix :	WATER
Ext Btch ID:	VO05K68	% Moisture :	NA
Calib. Ref.:	RKQ493	Instrument ID :	T-005

Number of TIC : 1

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	190J	1.73	4

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/28/06 08:22
Sample ID:	TT-MW2-114	Date Analyzed:	11/28/06 08:22
Lab Samp ID:	K252-05R	Dilution Factor:	1
Lab File ID:	RKQ763	Matrix :	WATER
Ext Btch ID:	VQ05K68	% Moisture :	NA
Calib. Ref.:	RKQ493	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	150E	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	97	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/28/06 08:22
Sample ID:	TT-MW2-114	Date Analyzed:	11/28/06 08:22
Lab Samp ID:	K252-05R	Dilution Factor:	1
Lab File ID:	RKQ763	Matrix :	WATER
Ext Btch ID:	VOO5K68	% Moisture :	NA
Calib. Ref.:	RKQ493	Instrument ID :	T-005

Number of TIC : 2

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	4.1J	1.73	4
UNKNOWN	2.7J	4.63	43

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH, INC.	Date Collected: 11/20/06
Project : LMC BEAUMONT SITE 2	Date Received: 11/20/06
Batch No. : 06K252	Date Extracted: 11/28/06 04:03
Sample ID: TT-MW2-114DL	Date Analyzed: 11/28/06 04:03
Lab Samp ID: K252-05T	Dilution Factor: 50
Lab File ID: RKQ756	Matrix : WATER
Ext Btch ID: VO05K68	% Moisture : NA
Calib. Ref.: RKQ493	Instrument ID : T-005

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1-TRICHLOROETHANE	ND	50	10
1,1,2,2-TETRACHLOROETHANE	ND	50	10
1,1,2-TRICHLOROETHANE	ND	50	10
1,1-DICHLOROETHANE	ND	50	10
1,1-DICHLOROETHENE	ND	50	10
1,2-DICHLOROETHANE	ND	50	10
1,2-DICHLOROPROPANE	ND	50	10
2-BUTANONE	ND	500	250
2-HEXANONE	ND	500	250
4-METHYL-2-PENTANONE	ND	500	250
ACETONE	ND	500	250
BENZENE	ND	50	10
BROMODICHLOROMETHANE	ND	50	10
BROMOFORM	ND	50	15
BROMOMETHANE	ND	50	10
CARBON DISULFIDE	ND	50	10
CARBON TETRACHLORIDE	ND	50	10
CHLOROBENZENE	ND	50	10
CHLOROETHANE	ND	50	10
CHLOROFORM	ND	50	10
CHLOROMETHANE	ND	50	10
CIS-1,2-DICHLOROETHENE	ND	50	10
CIS-1,3-DICHLOROPROPENE	ND	50	10
DIBROMOCHLOROMETHANE	ND	50	10
ETHYLBENZENE	ND	50	10
M/P-XYLENES	ND	100	25
MTBE	ND	50	10
METHYLENE CHLORIDE	330	50	25
O-XYLENE	ND	50	10
STYRENE	ND	50	10
TETRACHLOROETHENE	ND	50	10
TOLUENE	ND	50	10
TRANS-1,2-DICHLOROETHENE	ND	50	10
TRANS-1,3-DICHLOROPROPENE	ND	50	10
TRICHLOROETHENE	ND	50	10
VINYL CHLORIDE	ND	50	10

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	99	70-140
4-BROMOFLUOROBENZENE	97	70-130
TOLUENE-D8	99	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/28/06 04:03
Sample ID:	TT-MW2-114DL	Date Analyzed:	11/28/06 04:03
Lab Samp ID:	K252-05T	Dilution Factor:	50
Lab File ID:	RKQ756	Matrix :	WATER
Ext Btch ID:	VO05K68	% Moisture :	NA
Calib. Ref.:	RKQ493	Instrument ID :	T-005

Number of TIC : 1

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	220J	1.73	4

2016

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH, INC.	Date Collected: 11/20/06
Project : LMC BEAUMONT SITE 2	Date Received: 11/20/06
Batch No. : 06K252	Date Extracted: 11/28/06 06:31
Sample ID: TT-MW2-17S	Date Analyzed: 11/28/06 06:31
Lab Samp ID: K252-06R	Dilution Factor: 1
Lab File ID: RKQ760	Matrix : WATER
Ext Btch ID: VOO5K68	% Moisture : NA
Calib. Ref.: RKQ493	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	101	70-140
4-BROMOFLUOROBENZENE	95	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client : TETRA TECH, INC.	Date Collected: 11/20/06
Project : LMC BEAUMONT SITE 2	Date Received: 11/20/06
Batch No. : 06K252	Date Extracted: 11/28/06 07:08
Sample ID: TT-MW2-17D	Date Analyzed: 11/28/06 07:08
Lab Samp ID: K252-07R	Dilution Factor: 1
Lab File ID: RKQ761	Matrix : WATER
Ext Btch ID: VOO5K68	% Moisture : NA
Calib. Ref.: RKQ493	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	3.2	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	97	70-140
4-BROMOFLUOROBENZENE	96	70-130
TOLUENE-D8	101	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/28/06 07:46
Sample ID	: TT-MW2-3	Date Analyzed:	11/28/06 07:46
Lab Samp ID	: K252-08R	Dilution Factor:	1
Lab File ID	: RKQ762	Matrix	: WATER
Ext Btch ID	: VOO5K68	% Moisture	: NA
Calib. Ref.	: RKQ493	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	0.31J	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	4.2	1.0	0.20
VINYL CHLORIDE	ND	1.0	0.20

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	98	70-140
4-BROMOFLUOROBENZENE	99	70-130
TOLUENE-D8	101	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: 11/28/06
Batch No. : 06K252	Date Extracted: 11/28/06 02:48
Sample ID: MBLK1W	Date Analyzed: 11/28/06 02:48
Lab Samp ID: V005K68Q	Dilution Factor: 1
Lab File ID: RKQ754	Matrix : WATER
Ext Btch ID: V005K68	% Moisture : NA
Calib. Ref.: RKQ493	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	100	70-140
4-BROMOFLUOROBENZENE	98	70-130
TOLUENE-D8	100	70-140

METHOD 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	NA
Project	: LMC BEAUMONT SITE 2	Date Received:	11/28/06
Batch No.	: 06K252	Date Extracted:	11/28/06 02:48
Sample ID:	MBLK1W	Date Analyzed:	11/28/06 02:48
Lab Samp ID:	VO05K68Q	Dilution Factor:	1
Lab File ID:	RKQ754	Matrix :	WATER
Ext Btch ID:	VO05K68	% Moisture :	NA
Calib. Ref.:	RKQ493	Instrument ID :	T-005

Number of TIC : 1

PARAMETERS	RESULTS (ug/L)	RTTIME min	Q Value
UNKNOWN	3.8J	1.73	4

2022

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06K252
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V005K68Q	V005K68L	V005K68C		
LAB FILE ID:	RKQ754	RKQ751	RKQ752		
DATE EXTRACTED:	11/28/0602:48	11/28/0600:57	11/28/0601:34	DATE COLLECTED:	NA
DATE ANALYZED:	11/28/0602:48	11/28/0600:57	11/28/0601:34	DATE RECEIVED:	11/28/06
PREP. BATCH:	V005K68	V005K68	V005K68		
CALIB. REF:	RKQ493	RKQ493	RKQ493		

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	10.4	104	10.0	10.2	102	2	60-130	30
Benzene	ND	10.0	10.0	100	10.0	9.74	97	3	70-130	30
Chlorobenzene	ND	10.0	10.1	101	10.0	9.68	97	4	70-120	30
Toluene	ND	10.0	9.99	100	10.0	9.80	98	2	70-130	30
Trichloroethene	ND	10.0	9.71	97	10.0	9.42	94	3	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	9.72	97	10.0	9.55	95	70-140
4-Bromofluorobenzene	10.0	9.48	95	10.0	9.63	96	70-130
Toluene-d8	10.0	9.75	98	10.0	9.83	98	70-130

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06K252
METHOD: SW 5030B/8260B

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	TT-MW2-14				
LAB SAMP ID:	K252-04R	K252-04U	K252-04V		
LAB FILE ID:	RKQ764	RKQ765	RKQ766		
DATE EXTRACTED:	11/28/0609:00	11/28/0609:37	11/28/0610:13	DATE COLLECTED:	11/20/06
DATE ANALYZED:	11/28/0609:00	11/28/0609:37	11/28/0610:13	DATE RECEIVED:	11/20/06
PREP. BATCH:	V005K68	V005K68	V005K68		
CALIB. REF:	RKQ493	RKQ493	RKQ493		

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	10.0	100	10.0	11.0	110	9	60-140	30
Benzene	ND	10.0	9.61	96	10.0	10.3	103	7	60-140	30
Chlorobenzene	ND	10.0	9.78	98	10.0	10.4	104	6	63-132	30
Toluene	ND	10.0	9.63	96	10.0	10.3	103	7	70-140	30
Trichloroethene	ND	10.0	9.03	90	10.0	9.73	97	7	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	10.1	101	10.0	10.1	101	70-140
4-Bromofluorobenzene	10.0	9.26	93	10.0	9.41	94	70-130
Toluene-d8	10.0	9.76	98	10.0	9.53	95	70-140

INITIAL CALIBRATION

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc — Contract: LMC BEAUMONT SITE 2
Lab Code: EMXT Case No.: — SAS No.: — SDG No.: 06K252
Lab File ID: RKQ487 — BFB Injection Date : 11/17/06
Instrument ID: T-005 — BFB Injection Time : 10:30
GC Column:RTX502.2ID:0.32mm (mm) — Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.47
75	30.0 - 60.0% of mass 95	53.41
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.60
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	69.08
175	5.0 - 9.0% of mass 174	4.93(7.1)1
176	95.0 - 101.0% of mass 174	68.71(99.5)1
177	5.0 - 9.0% of mass 176	4.27(6.2)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	VQ05K171	RKQ488	11/17/06	11:07
2	VSTD0.5	VQ05K172	RKQ489	11/17/06	11:45
3	VSTD01	VQ05K173	RKQ490	11/17/06	12:22
4	VSTD02	VQ05K174	RKQ491	11/17/06	12:59
5	VSTD05	VQ05K175	RKQ492	11/17/06	13:36
6	VSTD010	VQ05K176	RKQ493	11/17/06	14:13
7	VSTD020	VQ05K177	RKQ494	11/17/06	14:50
8	VSTD030	VQ05K178	RKQ495	11/17/06	15:27
9	VSTD040	VQ05K179	RKQ496	11/17/06	16:04
10	VSTD050	VQ05K1710	RKQ497	11/17/06	16:42
11	VSTD010	IVQ05K1701	RKQ500	11/17/06	18:38

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

nstrument ID :TO05
eginning DateTime :11/17/06 11:07
pike Units :PPB
C File :RKQ493

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :11/17/06 16:42
HPChem Method :VO05K17

IDX	Parameters	.3 11:07 RKQ488	.5 11:45 RKQ489	1 12:22 RKQ490	2 12:59 RKQ491	5 13:36 RKQ492	10 14:13 RKQ493	20 14:50 RKQ494	30 15:27 RKQ495	40 16:04 RKQ496	50 16:42 RKQ497	Av_RRF	%_RSD	Av_Rt_M
1	1,4-DIFLUOROBENZENE	1	1	1	1	1	1	1	1	1	1	1	0	8.5353
2	Dichlorodifluoromethane	0.333	0.359	0.408	0.407	0.432	0.399	0.357	0.417	0.400	0.410	0.392	7.99	1.6785
3	Chloromethane	0.675	0.625	0.647	0.670	0.701	0.672	0.615	0.703	0.741	0.709	0.676	5.80	1.9314
4	Vinyl chloride	0.535	0.559	0.618	0.642	0.667	0.625	0.583	0.678	0.649	------	0.617	7.94	2.0627
5	Bromomethane	0.514	0.600	0.461	0.428	0.405	0.372	0.338	0.385	0.397	0.389	0.429	18.09	2.5702
6	Chloroethane	0.398	0.361	0.398	0.408	0.409	0.376	0.350	0.400	0.393	0.385	0.388	5.12	2.6714
7	Dichlorofluoromethane	0.775	0.792	0.868	0.846	0.948	0.917	0.915	0.878	0.909	0.882	0.873	6.36	2.7279
8	Trichlorofluoromethane	0.469	0.506	0.557	0.578	0.606	0.558	0.507	0.594	0.558	0.562	0.550	7.79	2.9893
9	sec-Propyl alcohol	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
2 10	Acrolein	------	------	------	0.021	0.027	0.024	0.025	0.026	0.024	0.024	0.024	7.36	3.5438
11	1,1,2-Trichloro-1,2,2-trifluoroethane	0.237	0.266	0.255	0.262	0.271	0.258	0.241	0.247	0.247	0.245	0.253	4.46	3.5660
2 12	Acetone	------	------	------	0.056	0.057	0.048	0.047	0.047	0.044	0.042	0.049	11.66	3.6425
13	1,1-Dichloroethene	0.632	0.634	0.650	0.655	0.665	0.623	0.590	0.602	0.607	0.598	0.626	4.15	3.7743
5 14	tert-Butyl alcohol	------	------	0.014	0.016	0.018	0.018	0.017	0.017	0.018	0.018	0.017	8.52	3.9409
15	Acetonitrile	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
16	Iodomethane	------	0.179	0.292	0.415	0.513	0.513	0.497	0.507	0.529	0.515	0.440	28.15	4.1692
17	Methyl acetate	------	0.099	0.098	0.113	0.127	0.103	0.112	0.118	0.117	0.109	0.111	8.72	4.2667
18	Methylene chloride	1.019	0.871	0.676	0.618	0.572	0.515	0.480	0.477	0.495	------	0.636	30.06	4.4357
19	Carbon disulfide	1.312	1.354	1.408	1.462	1.530	1.473	1.435	1.493	1.548	------	1.446	5.38	4.4104
3 20	Acrylonitrile	0.052	0.057	0.054	0.055	0.061	0.055	0.054	0.054	0.054	0.074	0.057	11.13	4.6322
21	tert-Butyl methyl ether (MTBE)	0.295	0.300	0.306	0.334	0.346	0.315	0.301	0.293	0.307	0.290	0.309	5.90	4.6972
22	trans-1,2-Dichloroethene	0.613	0.632	0.652	0.660	0.665	0.623	0.597	0.604	0.626	0.601	0.627	3.91	4.8523
23	Isopropyl ether (DIPE)	1.008	1.095	1.123	1.212	1.200	1.139	1.101	1.087	1.153	1.110	1.123	5.23	5.3784
24	1,1-Dichloroethane	0.729	0.729	0.778	0.789	0.831	0.750	0.721	0.721	0.754	0.733	0.754	4.76	5.4796
25	Vinyl acetate	------	0.196	0.231	0.233	0.330	0.324	0.338	0.354	0.370	0.367	0.305	21.73	5.5253
26	tert-Butyl ethyl ether (ETBE)	0.406	0.390	0.404	0.417	0.414	0.361	0.333	0.320	0.339	0.327	0.371	10.57	5.9956
2 27	2-Butanone	------	0.076	0.062	0.065	0.071	0.064	0.065	0.068	0.067	0.064	0.067	6.27	6.1783
28	2,2-Dichloropropane	0.263	0.267	0.286	0.306	0.351	0.300	0.300	0.305	0.329	0.325	0.303	8.99	6.3363
29	cis-1,2-Dichloroethene	0.564	0.563	0.593	0.634	0.670	0.617	0.601	0.601	0.628	0.609	0.608	5.26	6.4080
2 30	tert-Butyl formate (TBF)	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
31	Chloroform	0.571	0.580	0.605	0.645	0.654	0.616	0.591	0.590	0.617	0.599	0.607	4.42	6.6609
32	Bromochloromethane	0.411	0.371	0.336	0.343	0.331	0.307	0.294	0.292	0.300	0.287	0.327	12.20	6.9113
2 33	Tetrahydrofuran	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
34	1,1,1-Trichloroethane	0.365	0.372	0.407	0.433	0.451	0.435	0.428	0.441	0.462	0.460	0.425	8.02	7.3009
35	Cyclohexane	------	0.526	0.614	0.687	0.810	0.600	0.676	0.756	0.745	0.759	0.686	13.39	7.3101
36	tert-Amyl methyl ether (TAME)	0.210	0.217	0.233	0.240	0.242	0.219	0.202	0.198	0.209	0.202	0.217	7.51	7.8228
37	1,2-Dichloroethane-d4	------	------	------	------	0.263	0.254	0.252	0.256	0.252	0.238	0.253	3.30	7.8365
38	CHLOROBENZENE-D5	1	1	1	1	1	1	1	1	1	1	1	0	14.4459
39	1,1-Dichloropropene	0.191	0.202	0.206	0.221	0.222	0.218	0.205	0.212	0.217	0.216	0.211	4.57	7.5648
40	Carbon tetrachloride	0.374	0.409	0.416	0.440	0.460	0.443	0.421	0.431	0.444	0.446	0.428	5.75	7.7132
41	1,2-Dichloroethane	0.380	0.389	0.410	0.431	0.436	0.408	0.386	0.385	0.396	0.384	0.401	5.01	7.9957
42	Benzene	1.655	1.637	1.717	1.869	1.855	1.757	1.682	1.726	1.819	1.811	1.753	4.71	8.0024
43	Trichloroethene	0.415	0.420	0.417	0.455	0.462	0.440	0.421	0.432	0.448	0.441	0.435	3.80	9.0842
44	Methylcyclohexane	------	0.441	0.582	0.689	0.808	0.549	0.652	0.717	0.736	0.750	0.658	17.49	9.1866
45	1,2-Dichloropropane	0.423	0.405	0.450	0.476	0.491	0.474	0.450	0.458	0.484	0.471	0.458	5.96	9.4088
46	Bromodichloromethane	0.397	0.420	0.421	0.475	0.481	0.464	0.448	0.450	0.474	0.463	0.449	6.24	9.8253
47	Dibromomethane	0.137	0.151	0.174	0.197	0.200	0.171	0.176	0.162	0.182	0.165	0.172	11.19	9.9080
48	2-Chloroethyl vinyl ether	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
2 49	4-Methyl-2-pentanone	------	------	0.128	0.149	0.189	0.173	0.177	0.188	0.187	0.181	0.171	12.90	10.5583
50	cis-1,3-Dichloropropene	------	0.351	0.369	0.430	0.470	0.461	0.450	0.459	0.493	0.479	0.440	11.15	10.8926
51	Toluene-d8	------	------	------	------	1.334	1.349	1.350	1.446	1.475	1.444	1.400	4.41	11.3413
52	Toluene	0.867	0.871	0.944	1.046	1.060	1.029	0.992	1.012	1.075	1.053	0.995	7.65	11.4940
53	Ethyl methacrylate	------	0.150	0.186	0.238	0.287	0.287	0.289	0.296	0.311	0.303	0.261	21.87	11.9653
54	trans-1,3-Dichloropropene	------	0.192	0.213	0.270	0.304	0.310	0.308	0.313	0.341	0.334	0.287	18.13	11.9016
55	1,1,2-Trichloroethane	0.183	0.180	0.203	0.214	0.228	0.215	0.208	0.207	0.217	0.210	0.206	7.21	12.1964
2 56	2-Hexanone	------	------	------	0.080	0.106	0.104	0.109	0.119	0.119	0.115	0.107	12.42	12.3014
57	1,3-Dichloropropane	0.340	0.367	0.386	0.434	0.444	0.417	0.400	0.400	0.421	0.409	0.402	7.76	12.7174
58	Tetrachloroethene	0.296	0.277	0.287	0.309	0.310	0.299	0.286	0.295	0.306	0.303	0.297	3.63	12.8001

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59	Dibromochloromethane	0.160	0.177	0.197	0.222	0.238	0.237	0.235	0.233	0.250	0.244	0.219	14.04	13.1955
60	2-Ethyl-1-butanol	------	------	------	------	------	------	------	------	------	------	0.000	0.00	0.0000
61	1,2-Dibromoethane	0.135	0.138	0.151	0.168	0.177	0.160	0.153	0.154	0.167	0.161	0.156	8.30	13.6154
62	1-Chlorohexane	------	0.407	0.478	0.572	0.603	0.598	0.576	0.609	0.630	0.638	0.568	13.41	14.0901
63	Chlorobenzene	0.876	0.905	0.901	0.997	1.015	0.978	0.943	0.967	1.019	0.990	0.959	5.26	14.5277
64	1,1,1,2-Tetrachloroethane	0.224	0.237	0.261	0.274	0.294	0.286	0.279	0.283	0.302	0.293	0.273	9.29	14.6449
65	Ethylbenzene	1.507	1.538	1.717	1.912	1.960	1.904	1.848	1.923	2.045	1.942	1.829	9.96	14.6879
2 66	m-Xylene & p-Xylene	1.139	1.206	1.314	1.440	1.491	1.445	1.411	1.474	------	------	1.365	9.62	14.8575
67	o-Xylene	0.915	1.020	1.159	1.326	1.426	1.391	1.339	1.397	1.468	1.427	1.287	14.78	15.7997
68	Styrene	------	0.681	0.795	0.903	0.975	1.012	1.002	1.049	1.101	1.062	0.953	14.41	15.8885
69	1,2-DICHLOROBENZENE-D4	1	1	1	1	1	1	1	1	1	1	1	0	20.7333
70	Bromoform	------	0.239	0.248	0.271	0.305	0.299	0.293	0.300	0.332	0.329	0.291	11.13	16.5518
71	Isopropylbenzene	4.034	4.503	5.112	5.676	5.893	5.585	5.333	5.574	5.953	5.993	5.366	12.09	16.6412
72	1,1,2,2-Tetrachloroethane	0.670	0.726	0.776	0.794	0.840	0.764	0.733	0.752	0.790	0.774	0.762	6.01	17.0333
73	4-Bromofluorobenzene	------	------	------	------	1.253	1.247	1.255	1.354	1.381	1.355	1.308	4.75	17.1670
74	1,2,3-Trichloropropane	------	------	0.136	0.151	0.165	0.154	0.142	0.145	0.150	0.146	0.149	5.86	17.3591
75	trans-1,4-Dichloro-2-butene	------	------	------	0.149	0.175	0.164	0.168	0.171	0.183	------	0.168	6.68	17.5738
76	n-Propylbenzene	5.080	5.749	6.692	7.394	7.693	7.392	7.265	7.560	8.038	------	6.985	13.95	17.5555
77	Bromobenzene	0.677	0.767	0.884	0.976	1.024	0.968	0.948	0.984	1.057	------	0.921	13.50	17.5509
78	2-Chlorotoluene	3.520	3.855	4.120	4.464	4.606	4.358	4.197	4.381	4.599	4.607	4.271	8.39	17.8935
79	1,3,5-Trimethylbenzene	3.153	3.518	4.052	4.376	4.491	4.268	4.121	4.273	4.594	4.565	4.141	11.30	17.9323
80	4-Chlorotoluene	3.162	3.498	3.826	3.877	3.951	3.732	3.726	3.823	4.146	4.047	3.779	7.45	18.0191
81	tert-Butylbenzene	2.867	3.189	3.720	4.126	4.335	4.149	3.969	4.129	4.342	4.350	3.918	13.07	18.7434
82	1,2,4-Trimethylbenzene	2.872	3.256	3.792	4.106	4.252	4.109	3.979	4.137	4.388	4.356	3.925	12.58	18.8226
83	sec-Butylbenzene	4.257	4.629	5.525	6.103	6.439	6.194	5.910	6.236	6.523	6.513	5.833	13.65	19.2451
84	p-Isopropyltoluene	------	3.223	3.779	4.255	4.625	4.471	4.295	4.506	4.687	4.630	4.274	11.29	19.5949
85	1,3-Dichlorobenzene	1.615	1.622	1.826	2.028	2.107	2.011	1.949	2.022	2.126	2.084	1.939	9.76	19.6996
86	1,4-Dichlorobenzene	1.444	1.561	1.702	1.872	1.927	1.858	1.804	1.887	1.986	1.953	1.799	9.87	19.9584
87	n-Butylbenzene	------	3.040	3.726	4.162	4.578	4.583	4.508	4.791	4.972	4.938	4.366	14.47	20.5570
88	1,2-Dichlorobenzene	1.429	1.541	1.579	1.681	1.722	1.619	1.564	1.626	1.681	1.633	1.608	5.25	20.7948
89	1,2-Dibromo-3-chloropropane	------	------	------	0.035	0.059	0.057	0.053	0.058	0.061	0.058	0.054	16.68	22.6998
90	1,2,4-Trichlorobenzene	0.323	0.447	0.537	0.621	0.757	0.785	0.815	0.872	0.893	0.868	0.692	28.81	24.9087
91	Hexachlorobutadiene	0.459	0.489	0.566	0.607	0.597	0.597	0.569	0.609	0.603	0.596	0.569	9.25	25.3244
92	Naphthalene	------	0.462	0.541	0.670	0.932	1.036	1.119	1.255	1.287	1.277	0.953	33.86	25.4802
93	1,2,3-Trichlorobenzene	0.350	0.385	0.422	0.540	0.630	0.655	0.663	0.713	0.708	0.696	0.576	24.50	26.0782

Spike Amount = Nominal Amount * M
Ave_%RSD : 10.4 Max_%RSD : 33.9

se Least Square Linear Regression with weighting factor of inverse concentration for comps with %_RSD > 15
esp_Ratio = xo + x1 * Amt_Ratio

DX	Parameter	x0	x1	CCF
5	Bromomethane	0.00661	0.38078	0.9985
16	Iodomethane	-0.01866	0.52160	0.9997
18	Methylene chloride	0.01888	0.48391	0.9993
25	Vinyl acetate	-0.01316	0.36213	0.9991
44	Methylcyclohexane	-0.01472	0.72257	0.9968
53	Ethyl methacrylate	-0.00992	0.30415	0.9996
54	trans-1,3-Dichloropropene	-0.00965	0.32940	0.9992
89	1,2-Dibromo-3-chloropropane	-0.00397	0.05970	0.9985
90	1,2,4-Trichlorobenzene	-0.02417	0.86734	0.9991
92	Naphthalene	-0.06878	1.25335	0.9975
93	1,2,3-Trichlorobenzene	-0.01685	0.69859	0.9994

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er 11/22/20

SECOND SOURCE VERIFICATION

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06K17\RKQ500.D
Acq On : 17 Nov 2006 6:38 pm
Sample : IVO05K1701
Misc : 10.0ppb 8260/20.0ppb KET/50.0ppb TBA
MS Integration Params: 524TAIL.P

Vial: 15
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05K17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Nov 20 13:50:55 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)
1	I	1,4-DIFLUOROBENZENE	10.000	10.000	0.0	108	-0.01
2	T	Dichlorodifluoromethane	10.000	10.207	-2.1	109	0.00
3	P,T	Chloromethane	10.000	10.549	-5.5	115	0.00
4	C,T	Vinyl chloride	10.000	10.773	-7.7	115	0.00
5	T	Bromomethane	10.000	10.950	-9.5	123	0.00
6	T	Chloroethane	10.000	10.551	-5.5	118	0.00
7	T	Dichlorofluoromethane	10.000	10.730	-7.3	111	0.00
8	T	Trichlorofluoromethane	10.000	10.410	-4.1	111	0.00
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	105	-0.01
10	T	Acrolein	20.000	20.589	-2.9	112	0.00
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	9.073	9.3	96	0.00
12	T	Acetone	20.000	17.752	11.2	98	0.00
13	C,TM	1,1-Dichloroethene	10.000	10.073	-0.7	110	-0.01
14	T	tert-Butyl alcohol	50.000	52.297	-4.6	109	0.00
15	T	Acetonitrile	-1.000	0.000	0.0	57	-0.03
16	T	Iodomethane	10.000	9.049	9.5	96	-0.01
17	T	Methyl acetate *	10.000	0.941	90.6#	11	0.00
18	T	Methylene chloride	10.000	9.743	2.6	103	0.00
19	T	Carbon disulfide	10.000	8.831	11.7	94	0.00
20	T	Acrylonitrile	~~20~~ 30.000	18.850	5.8 ~~37.2~~#	70	0.00
21	T	tert-Butyl methyl ether (MT	10.000	9.856	1.4	105	0.00
22	T	trans-1,2-Dichloroethene	10.000	9.608	3.9	105	-0.01
23	T	Isopropyl ether (DIPE)	10.000	9.795	2.1	105	-0.01
24	P,T	1,1-Dichloroethane	10.000	9.683	3.2	106	0.00
25	T	Vinyl acetate	10.000	10.581	-5.8	124	0.00
26	T	tert-Butyl ethyl ether (ETB	10.000	9.848	1.5	110	0.00
27	T	2-Butanone	20.000	18.358	8.2	104	0.00
28	T	2,2-Dichloropropane	10.000	10.484	-4.8	115	0.00
29	T	cis-1,2-Dichloroethene	10.000	9.700	3.0	104	0.00
30	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	105	0.00
31	C,T	Chloroform	10.000	9.735	2.7	104	0.00
32	T	Bromochloromethane	10.000	8.870	11.3	103	-0.01
33	T	Tetrahydrofuran	-1.000	0.000	0.0	100	-0.01
34	T	1,1,1-Trichloroethane	10.000	9.666	3.3	103	-0.01
35	T	Cyclohexane *	10.000	0.051	99.5#	1	0.03
36	T	tert-Amyl methyl ether (TAM	10.000	10.607	-6.1	114	-0.01
37	S	1,2-Dichloroethane-d4	10.000	9.287	7.1	100	-0.01
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	108	-0.01
39	T	1,1-Dichloropropene	10.000	9.630	3.7	101	0.00
40	T	Carbon tetrachloride	10.000	9.612	3.9	101	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06K17\RKQ500.D
Acq On : 17 Nov 2006 6:38 pm
Sample : IVO05K1701
Misc : 10.0ppb 8260/20.0ppb KET/50.0ppb TBA
MS Integration Params: 524TAIL.P

Vial: 15
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05K17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Nov 20 13:50:55 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	9.159	8.4	97	0.00
42	M,T	Benzene	10.000	10.095	-1.0	109	0.00
43	M,T	Trichloroethene	10.000	9.452	5.5	101	0.00
44	T	Methylcyclohexane *	10.000	0.226	97.7#	0	-0.01
45	C,T	1,2-Dichloropropane	10.000	9.435	5.6	99	0.00
46	T	Bromodichloromethane	10.000	9.589	4.1	100	-0.01
47	T	Dibromomethane	10.000	10.012	-0.1	108	-0.01
48	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	51	-0.01
49	T	4-Methyl-2-pentanone	20.000	19.866	0.7	107	-0.02
50	T	cis-1,3-Dichloropropene	10.000	10.380	-3.8	107	-0.01
51	S	Toluene-d8	10.000	9.271	7.3	104	-0.01
52	C,TM	Toluene	10.000	9.832	1.7	103	0.00
53	T	Ethyl methacrylate	10.000	8.885	11.2	98	-0.01
54	T	trans-1,3-Dichloropropene	10.000	9.460	5.4	105	-0.01
55	T	1,1,2-Trichloroethane	10.000	9.201	8.0	96	-0.01
56	T	2-Hexanone	20.000	19.075	4.6	106	-0.01
57	T	1,3-Dichloropropane	10.000	9.544	4.6	99	0.00
58	T	Tetrachloroethene	10.000	9.340	6.6	100	-0.01
59	T	Dibromochloromethane	10.000	9.566	4.3	96	0.00
60	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	105	-0.01
61	T	1,2-Dibromoethane	10.000	10.018	-0.2	106	-0.01
62	T	1-Chlorohexane	10.000	10.431	-4.3	107	0.00
63	P,M	Chlorobenzene	10.000	9.514	4.9	101	-0.01
64	T	1,1,1,2-Tetrachloroethane	10.000	9.456	5.4	98	-0.01
65	C,T	Ethylbenzene	10.000	9.690	3.1	101	-0.01
66	T	m-Xylene & p-Xylene	20.000	19.585	2.1	100	0.00
67	T	o-Xylene	10.000	10.053	-0.5	100	-0.01
68	T	Styrene	10.000	9.749	2.5	99	0.00
69	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	102	-0.01
70	P,T	Bromoform	10.000	9.415	5.9	94	0.00
71	T	Isopropylbenzene	10.000	10.227	-2.3	101	-0.01
72	P,T	1,1,2,2-Tetrachloroethane	10.000	9.406	5.9	96	-0.01
73	S	4-Bromofluorobenzene	10.000	9.553	4.5	103	-0.01
74	T	1,2,3-Trichloropropane	10.000	9.520	4.8	94	0.00
75	T	trans-1,4-Dichloro-2-butene	10.000	9.193	8.1	97	0.00
76	T	n-Propylbenzene	10.000	10.327	-3.3	100	-0.01
77	T	Bromobenzene	10.000	10.222	-2.2	99	0.00
78	T	2-Chlorotoluene	10.000	9.717	2.8	97	0.00
79	T	1,3,5-Trimethylbenzene	10.000	10.070	-0.7	100	-0.01
80	T	4-Chlorotoluene	10.000	9.693	3.1	100	-0.01

(#) = Out of Range

2031

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06K17\RKQ500.D
Acq On : 17 Nov 2006 6:38 pm
Sample : IVO05K1701
Misc : 10.0ppb 8260/20.0ppb KET/50.0ppb TBA
MS Integration Params: 524TAIL.P

Vial: 15
Operator: DN
Inst : TO05
Multiplr: 1.00

Method : D:\HPCHEM\1\METHODS\VO05K17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Nov 20 13:50:55 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	10.350	-3.5	100	-0.01
82	T	1,2,4-Trimethylbenzene	10.000	10.141	-1.4	99	-0.01
83	T	sec-Butylbenzene	10.000	9.852	1.5	95	0.00
84	T	p-Isopropyltoluene	10.000	10.295	-2.9	101	-0.01
85	T	1,3-Dichlorobenzene	10.000	9.803	2.0	97	-0.01
86	T	1,4-Dichlorobenzene	10.000	9.918	0.8	98	0.00
87	T	n-Butylbenzene	10.000	10.388	-3.9	101	0.00
88	T	1,2-Dichlorobenzene	10.000	9.765	2.3	99	-0.01
89	T	1,2-Dibromo-3-chloropropane	10.000	10.052	-0.5	101	0.00
90	T	1,2,4-Trichlorobenzene	10.000	9.363	6.4	103	0.00
91	T	Hexachlorobutadiene	10.000	9.912	0.9	97	0.00
92	T	Naphthalene	10.000	8.694	13.1	101	0.00
93	T	1,2,3-Trichlorobenzene	10.000	9.456	5.4	101	-0.01

11/22/06

2032

DAILY CALIBRATION

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc Contract: LMC BEAUMONT SITE 2

Lab Code: EMXT Case No.: SAS No.: SDG No.: 06K252

Lab File ID: RKQ747 BFB Injection Date : 11/27/06

Instrument ID: T-005 BFB Injection Time : 22:30

GC Column:RTX502.2ID:0.32mm (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.51
75	30.0 - 60.0% of mass 95	50.49
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.05
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	76.12
175	5.0 - 9.0% of mass 174	5.40(7.1)1
176	95.0 - 101.0% of mass 174	75.63(99.4)1
177	5.0 - 9.0% of mass 176	4.13(5.5)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	CV005K1726	RKQ750	11/28/06	00:21
2	MBLK1W	V005K68Q	RKQ754	11/28/06	02:48
3	LCS1W	V005K68L	RKQ751	11/28/06	00:57
4	LCD1W	V005K68C	RKQ752	11/28/06	01:34
5	TT-MW2-14DL	K252-04T	RKQ755	11/28/06	03:25
6	TT-MW2-114DL	K252-05T	RKQ756	11/28/06	04:03
7	LTB-112006	K252-01R	RKQ757	11/28/06	04:40
8	LEB-112006-B	K252-02R	RKQ758	11/28/06	05:17
9	LEB-112006-GP	K252-03R	RKQ759	11/28/06	05:54
10	TT-MW2-17S	K252-06R	RKQ760	11/28/06	06:31
11	TT-MW2-17D	K252-07R	RKQ761	11/28/06	07:08
12	TT-MW2-3	K252-08R	RKQ762	11/28/06	07:46
13	TT-MW2-114	K252-05R	RKQ763	11/28/06	08:22
14	TT-MW2-14	K252-04R	RKQ764	11/28/06	09:00
15	TT-MW2-14MS	K252-04U	RKQ765	11/28/06	09:37
16	TT-MW2-14MSD	K252-04V	RKQ766	11/28/06	10:13

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RKQ493
Instrument ID: T-005
GC Column: RTX502.2 ID: 0.32mm (mm)

Project: LMC BEAUMONT SITE 2
SDG No.: 06K252
Date Analyzed: 11/17/06
Time Analyzed: 14:13
Heated Purge: (Y/N) N

		IS1(DBF)		IS2(CBZ)		IS3(DCB)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	2490746	8.54	1994127	14.45	623360	20.73
	UPPER LIMIT	4981492	9.04	3988254	14.95	1246720	21.23
	LOWER LIMIT	1245373	8.04	997064	13.95	311680	20.23
	SAMPLE ID						
1	VSTD010	1985660	8.50	1614744	14.41	501439	20.70
2	MBLK1W	2267605	8.51	1786198	14.41	507738	20.71
3	LCS1W	2042473	8.50	1666731	14.41	532713	20.70
4	LCD1W	2207309	8.51	1782220	14.41	555741	20.70
5	TT-MW2-14DL	1868565	8.50	1463297	14.41	416204	20.70
6	TT-MW2-114DL	1926770	8.50	1502274	14.41	423886	20.70
7	LTB-112006	2140920	8.50	1636325	14.41	457342	20.71
8	LEB-112006-B	2205080	8.50	1704965	14.41	482524	20.70
9	LEB-112006-GP	2111777	8.50	1646799	14.41	467760	20.70
10	TT-MW2-17S	2171256	8.50	1692176	14.41	497475	20.70
11	TT-MW2-17D	2134753	8.50	1644998	14.40	473663	20.70
12	TT-MW2-3	2127986	8.50	1635240	14.41	473577	20.70
13	TT-MW2-114	2069402	8.50	1618053	14.40	458408	20.70
14	TT-MW2-14	2073006	8.49	1603141	14.41	454514	20.70
15	TT-MW2-14MS	1947359	8.49	1605755	14.40	517348	20.69
16	TT-MW2-14MSD	1834572	8.49	1539906	14.41	480494	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.

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06K27\RKQ750.D Vial: 4
Acq On : 28 Nov 2006 12:21 am Operator: DN
Sample : CVO05K1726 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\VO05K17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Nov 20 13:50:55 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	80	-0.05
2	T	Dichlorodifluoromethane	10.000	10.884	-8.8	85	-0.01
3	P,T	Chloromethane	10.000	11.687	-16.9	94	-0.01
4	C,T	Vinyl chloride	10.000	12.017	-20.2#	95	-0.01
5	T	Bromomethane	10.000	10.994	-9.9	91	-0.02
6	T	Chloroethane	10.000	11.655	-16.5	96	-0.02
7	T	Dichlorofluoromethane	10.000	11.672	-16.7	89	-0.02
8	T	Trichlorofluoromethane	10.000	11.981	-19.8	94	-0.02
9	T	sec-Propyl alcohol	-1.000	0.000	0.0	88	-0.04
10	T	Acrolein	20.000	20.761	-3.8	83	-0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	10.000	10.638	-6.4	83	-0.03
12	T	Acetone	20.000	22.396	-12.0	91	-0.03
13	C,TM	1,1-Dichloroethene	10.000	10.549	-5.5	85	-0.03
14	T	tert-Butyl alcohol	50.000	44.145	11.7	67	-0.03
15	T	Acetonitrile	-1.000	0.000	0.0	94	-0.03
16	T	Iodomethane	10.000	9.971	0.3	78	-0.04
17	T	Methyl acetate	10.000	1.224	87.8#	11	-0.02
18	T	Methylene chloride	10.000	12.021	-20.2#	93	-0.03
19	T	Carbon disulfide	10.000	10.272	-2.7	80	-0.03
20	T	Acrylonitrile	30.000	35.333	-17.8	97	-0.03
21	T	tert-Butyl methyl ether (MT	10.000	10.080	-0.8	79	-0.03
22	T	trans-1,2-Dichloroethene	10.000	10.348	-3.5	83	-0.04
23	T	Isopropyl ether (DIPE)	10.000	11.198	-12.0	88	-0.04
24	P,T	1,1-Dichloroethane	10.000	11.130	-11.3	89	-0.04
25	T	Vinyl acetate	10.000	11.544	-15.4	100	-0.03
26	T	tert-Butyl ethyl ether (ETB	10.000	7.302	27.0#	60	-0.04
27	T	2-Butanone	20.000	20.227	-1.1	84	-0.03
28	T	2,2-Dichloropropane	10.000	9.995	0.1	81	-0.04
29	T	cis-1,2-Dichloroethene	10.000	10.064	-0.6	79	-0.04
30	T	tert-Butyl formate (TBF)	-1.000	0.000	0.0	77	-0.04
31	C,T	Chloroform	10.000	10.444	-4.4	82	-0.04
32	T	Bromochloromethane	10.000	9.401	6.0	80	-0.05
33	T	Tetrahydrofuran	-1.000	0.000	0.0	65	-0.04
34	T	1,1,1-Trichloroethane	10.000	10.741	-7.4	84	-0.04
35	T	Cyclohexane	10.000	0.033	99.7#	0	0.01
36	T	tert-Amyl methyl ether (TAM	10.000	8.458	15.4	67	-0.05
37	S	1,2-Dichloroethane-d4	10.000	9.695	3.0	77	-0.04
38	I	CHLOROBENZENE-D5	10.000	10.000	0.0	81	-0.05
39	T	1,1-Dichloropropene	10.000	10.441	-4.4	82	-0.05
40	T	Carbon tetrachloride	10.000	10.706	-7.1	84	-0.04

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06K27\RKQ750.D Vial: 4
Acq On : 28 Nov 2006 12:21 am Operator: DN
Sample : CVO05K1726 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\VO05K17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Nov 20 13:50:55 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	9.902	1.0	79	-0.04
42	M,T	Benzene	10.000	10.504	-5.0	85	-0.04
43	M,T	Trichloroethene	10.000	11.045	-10.4	88	-0.04
44	T	Methylcyclohexane	10.000	0.287	97.1#	1	-0.14
45	C,T	1,2-Dichloropropane	10.000	10.341	-3.4	81	-0.05
46	T	Bromodichloromethane	10.000	11.166	-11.7	87	-0.05
47	T	Dibromomethane	10.000	10.417	-4.2	84	-0.05
48	T	2-Chloroethyl vinyl ether	-1.000	0.000	0.0	55	-0.05
49	T	4-Methyl-2-pentanone	20.000	20.189	-0.9	81	-0.04
50	T	cis-1,3-Dichloropropene	10.000	11.288	-12.9	87	-0.05
51	S	Toluene-d8	10.000	9.755	2.4	82	-0.04
52	C,TM	Toluene	10.000	11.198	-12.0	88	-0.04
53	T	Ethyl methacrylate	10.000	10.178	-1.8	85	-0.04
54	T	trans-1,3-Dichloropropene	10.000	10.493	-4.9	88	-0.04
55	T	1,1,2-Trichloroethane	10.000	11.370	-13.7	88	-0.04
56	T	2-Hexanone	20.000	18.755	6.2	78	-0.04
57	T	1,3-Dichloropropane	10.000	11.617	-16.2	91	-0.04
58	T	Tetrachloroethene	10.000	10.857	-8.6	87	-0.05
59	T	Dibromochloromethane	10.000	12.475	-24.7#	94	-0.04
60	T	2-Ethyl-1-butanol	-1.000	0.000	0.0	80	-0.04
61	T	1,2-Dibromoethane	10.000	11.761	-17.6	93	-0.05
62	T	1-Chlorohexane	10.000	12.103	-21.0#	93	-0.04
63	P,M	Chlorobenzene	10.000	11.182	-11.8	89	-0.05
64	T	1,1,1,2-Tetrachloroethane	10.000	11.952	-19.5	92	-0.05
65	C,T	Ethylbenzene	10.000	10.924	-9.2	85	-0.05
66	T	m-Xylene & p-Xylene	20.000	21.717	-8.6	83	-0.04
67	T	o-Xylene	10.000	11.196	-12.0	84	-0.04
68	T	Styrene	10.000	11.373	-13.7	87	-0.04
69	I	1,2-DICHLOROBENZENE-D4	10.000	10.000	0.0	80	-0.04
70	P,T	Bromoform	10.000	12.624	-26.2#	99	-0.04
71	T	Isopropylbenzene	10.000	11.113	-11.1	86	-0.05
72	P,T	1,1,2,2-Tetrachloroethane	10.000	11.067	-10.7	89	-0.04
73	S	4-Bromofluorobenzene	10.000	9.591	4.1	81	-0.04
74	T	1,2,3-Trichloropropane	10.000	10.794	-7.9	84	-0.03
75	T	trans-1,4-Dichloro-2-butene	10.000	10.373	-3.7	86	-0.04
76	T	n-Propylbenzene	10.000	11.089	-10.9	84	-0.04
77	T	Bromobenzene	10.000	11.522	-15.2	88	-0.04
78	T	2-Chlorotoluene	10.000	10.417	-4.2	82	-0.04
79	T	1,3,5-Trimethylbenzene	10.000	10.620	-6.2	83	-0.04
80	T	4-Chlorotoluene	10.000	10.423	-4.2	85	-0.04

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06K27\RKQ750.D Vial: 4
Acq On : 28 Nov 2006 12:21 am Operator: DN
Sample : CVO05K1726 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\VO05K17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Nov 20 13:50:55 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	11.432	-14.3	87	-0.04
82	T	1,2,4-Trimethylbenzene	10.000	10.780	-7.8	83	-0.04
83	T	sec-Butylbenzene	10.000	11.201	-12.0	85	-0.04
84	T	p-Isopropyltoluene	10.000	10.935	-9.4	84	-0.04
85	T	1,3-Dichlorobenzene	10.000	11.184	-11.8	87	-0.04
86	T	1,4-Dichlorobenzene	10.000	11.186	-11.9	87	-0.04
87	T	n-Butylbenzene	10.000	10.549	-5.5	81	-0.04
88	T	1,2-Dichlorobenzene	10.000	10.966	-9.7	88	-0.05
89	T	1,2-Dibromo-3-chloropropane	10.000	12.079	-20.8#	97	-0.03
90	T	1,2,4-Trichlorobenzene	10.000	10.244	-2.4	89	-0.03
91	T	Hexachlorobutadiene	10.000	10.760	-7.6	83	-0.03
92	T	Naphthalene	10.000	9.907	0.9	91	-0.04
93	T	1,2,3-Trichlorobenzene	10.000	10.481	-4.8	88	-0.03

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06K27\RKQ750.D Vial: 4
Acq On : 28 Nov 2006 12:21 am Operator: DN
Sample : CVO05K1726 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\VO05K17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Nov 20 13:50:55 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	80	-0.05
2	T	Dichlorodifluoromethane	0.392	0.427	-8.9	85	-0.01
3	P,T	Chloromethane	0.676	0.790	-16.9	94	-0.01
4	C,T	Vinyl chloride	0.617	0.742	-20.3#	95	-0.01
5	T	Bromomethane	0.429	0.425	0.9	91	-0.02
6	T	Chloroethane	0.388	0.452	-16.5	96	-0.02
7	T	Dichlorofluoromethane	0.873	1.019	-16.7	89	-0.02
8	T	Trichlorofluoromethane	0.550	0.658	-19.6	94	-0.02
9	T	sec-Propyl alcohol	0.000	0.000	0.0	88	-0.04
10	T	Acrolein	0.024	0.025	-4.2	83	-0.02
11	T	1,1,2-Trichloro-1,2,2-trifl	0.253	0.269	-6.3	83	-0.03
12	T	Acetone	0.049	0.055	-12.2	91	-0.03
13	C,TM	1,1-Dichloroethene	0.626	0.660	-5.4	85	-0.03
14	T	tert-Butyl alcohol	0.017	0.015	11.8	67	-0.03
15	T	Acetonitrile	0.000	0.000	0.0	94	-0.03
16	T	Iodomethane	0.440	0.501	-13.9	78	-0.04
17	T	Methyl acetate	0.111	0.014	87.4#	11#	-0.02
18	T	Methylene chloride	0.636	0.601	5.5	93	-0.03
19	T	Carbon disulfide	1.446	1.485	-2.7	80	-0.03
20	T	Acrylonitrile	0.057	0.067	-17.5	97	-0.03
21	T	tert-Butyl methyl ether (MT	0.309	0.311	-0.6	79	-0.03
22	T	trans-1,2-Dichloroethene	0.627	0.649	-3.5	83	-0.04
23	T	Isopropyl ether (DIPE)	1.123	1.257	-11.9	88	-0.04
24	P,T	1,1-Dichloroethane	0.754	0.839	-11.3	89	-0.04
25	T	Vinyl acetate	0.305	0.405	-32.8#	100	-0.03
26	T	tert-Butyl ethyl ether (ETB	0.371	0.271	27.0#	60	-0.04
27	T	2-Butanone	0.067	0.068	-1.5	84	-0.03
28	T	2,2-Dichloropropane	0.303	0.303	0.0	81	-0.04
29	T	cis-1,2-Dichloroethene	0.608	0.612	-0.7	79	-0.04
30	T	tert-Butyl formate (TBF)	0.000	0.000	0.0	77	-0.04
31	C,T	Chloroform	0.607	0.634	-4.4	82	-0.04
32	T	Bromochloromethane	0.327	0.308	5.8	80	-0.05
33	T	Tetrahydrofuran	0.000	0.000	0.0	65	-0.04
34	T	1,1,1-Trichloroethane	0.425	0.457	-7.5	84	-0.04
35	T	Cyclohexane	0.686	0.002	99.7#	0#	0.01
36	T	tert-Amyl methyl ether (TAM	0.217	0.184	15.2	67	-0.05
37	S	1,2-Dichloroethane-d4	0.253	0.245	3.2	77	-0.04
38	I	CHLOROBENZENE-D5	1.000	1.000	0.0	81	-0.05
39	T	1,1-Dichloropropene	0.211	0.220	-4.3	82	-0.05
40	T	Carbon tetrachloride	0.428	0.459	-7.2	84	-0.04

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06K27\RKQ750.D Vial: 4
Acq On : 28 Nov 2006 12:21 am Operator: DN
Sample : CVO05K1726 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\VO05K17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Nov 20 13:50:55 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	0.401	0.397	1.0	79	-0.04
42	M,T	Benzene	1.753	1.841	-5.0	85	-0.04
43	M,T	Trichloroethene	0.435	0.480	-10.3	88	-0.04
44	T	Methylcyclohexane	0.658	0.006	99.1#	1#	-0.14
45	C,T	1,2-Dichloropropane	0.458	0.474	-3.5	81	-0.05
46	T	Bromodichloromethane	0.449	0.502	-11.8	87	-0.05
47	T	Dibromomethane	0.172	0.179	-4.1	84	-0.05
48	T	2-Chloroethyl vinyl ether	0.000	0.000	0.0	55	-0.05
49	T	4-Methyl-2-pentanone	0.171	0.173	-1.2	81	-0.04
50	T	cis-1,3-Dichloropropene	0.440	0.497	-13.0	87	-0.05
51	S	Toluene-d8	1.400	1.365	2.5	82	-0.04
52	C,TM	Toluene	0.995	1.114	-12.0	88	-0.04
53	T	Ethyl methacrylate	0.261	0.300	-14.9	85	-0.04
54	T	trans-1,3-Dichloropropene	0.287	0.336	-17.1	88	-0.04
55	T	1,1,2-Trichloroethane	0.206	0.235	-14.1	88	-0.04
56	T	2-Hexanone	0.107	0.101	5.6	78	-0.04
57	T	1,3-Dichloropropane	0.402	0.467	-16.2	91	-0.04
58	T	Tetrachloroethene	0.297	0.322	-8.4	87	-0.05
59	T	Dibromochloromethane	0.219	0.273	-24.7#	94	-0.04
60	T	2-Ethyl-1-butanol	0.000	0.000	0.0	80	-0.04
61	T	1,2-Dibromoethane	0.156	0.184	-17.9	93	-0.05
62	T	1-Chlorohexane	0.568	0.687	-21.0#	93	-0.04
63	P,M	Chlorobenzene	0.959	1.073	-11.9	89	-0.05
64	T	1,1,1,2-Tetrachloroethane	0.273	0.327	-19.8	92	-0.05
65	C,T	Ethylbenzene	1.829	1.999	-9.3	85	-0.05
66	T	m-Xylene & p-Xylene	1.365	1.482	-8.6	83	-0.04
67	T	o-Xylene	1.287	1.441	-12.0	84	-0.04
68	T	Styrene	0.953	1.084	-13.7	87	-0.04
69	I	1,2-DICHLOROBENZENE-D4	1.000	1.000	0.0	80	-0.04
70	P,T	Bromoform	0.291	0.367	-26.1#	99	-0.04
71	T	Isopropylbenzene	5.366	5.963	-11.1	86	-0.05
72	P,T	1,1,2,2-Tetrachloroethane	0.762	0.843	-10.6	89	-0.04
73	S	4-Bromofluorobenzene	1.308	1.254	4.1	81	-0.04
74	T	1,2,3-Trichloropropane	0.149	0.160	-7.4	84	-0.03
75	T	trans-1,4-Dichloro-2-butene	0.168	0.174	-3.6	86	-0.04
76	T	n-Propylbenzene	6.985	7.746	-10.9	84	-0.04
77	T	Bromobenzene	0.921	1.061	-15.2	88	-0.04
78	T	2-Chlorotoluene	4.271	4.449	-4.2	82	-0.04
79	T	1,3,5-Trimethylbenzene	4.141	4.398	-6.2	83	-0.04
80	T	4-Chlorotoluene	3.779	3.939	-4.2	85	-0.04

(#) = Out of Range

2040

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06K27\RKQ750.D Vial: 4
Acq On : 28 Nov 2006 12:21 am Operator: DN
Sample : CVO05K1726 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\VO05K17.M (RTE Integrator)
Title : METHOD 8260
Last Update : Mon Nov 20 13:50:55 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	3.918	4.479	-14.3	87	-0.04
82	T	1,2,4-Trimethylbenzene	3.925	4.231	-7.8	83	-0.04
83	T	sec-Butylbenzene	5.833	6.533	-12.0	85	-0.04
84	T	p-Isopropyltoluene	4.274	4.674	-9.4	84	-0.04
85	T	1,3-Dichlorobenzene	1.939	2.169	-11.9	87	-0.04
86	T	1,4-Dichlorobenzene	1.799	2.013	-11.9	87	-0.04
87	T	n-Butylbenzene	4.366	4.606	-5.5	81	-0.04
88	T	1,2-Dichlorobenzene	1.608	1.763	-9.6	88	-0.05
89	T	1,2-Dibromo-3-chloropropane	0.054	0.068	-25.9#	97	-0.03
90	T	1,2,4-Trichlorobenzene	0.692	0.864	-24.9#	89	-0.03
91	T	Hexachlorobutadiene	0.569	0.613	-7.7	83	-0.03
92	T	Naphthalene	0.953	1.173	-23.1#	91	-0.04
93	T	1,2,3-Trichlorobenzene	0.576	0.715	-24.1#	88	-0.03

(#) = Out of Range SPCC's out = 0 CCC's out = 1

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: 11.17.06 ☐ 5-ml Purge ☑ 25-ml Purge

Book # A05 -033

BATCH V005K17 6

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RKQ486	BFB05K45	2µl	NA	NA		
02	487	46	↓				10:30 am
03	488	V005K17 1	.03/.06 .15µl				8260,Gas/Ket-AA/TBA/Acetyl .3/1.5/1.5/.9ppb
04	489	2	.05/.1 .25µl				.5/1/2.5/1.5
05	490	3	.1/.2/.5µl				1/2/5/3
06	491	4	.2/.4/1µl				2/4/10/6
07	492	5	.5/1/2.5µl				5/10/25/15
08	493	6	1/2/5µl				10/20/50/30
09	494	7	2/4/10µl				20/40/100/60
10	495	8	3/6/15µl				30/60/150/90
11	496	9	4/8/20µl				40/80/200/120
12	497	10	5/10/25µl				50/100/250/150
13	498	IS/SS	25ml				
14	499	V005K46B	↓				
15	500	IV005K17 01	1/2/5µl				10/20/50/20ppb
16	501	02	↓				
17	502	03	5µl				10ppb for 3 add. cmpds
18	503	04	↓	↓	↓		10:30 pm
19							
20							
21							DN 11.17.06
22							
23							
24							
25							

Instrument No.		05
INITIAL CALIBRATION REFERENCE		
DATE	11.17.06	
ICAL ID	V005K17	
STANDARDS		
NAME	ID	CONC. (mg/L)
DCC 8260	SVIC.11.41.1	50/250
DCC Ket-AA Gases	.48.1 .47.2	250 250
DCC 3 add.	.31.3	250
BFB	.21.1	50
IS/SURR. IS SS	.29.3 .40.2	250 250
LCS 8260	.43.1	50/250
LCS Ket-AA Gases	.49.1 .47.3	250 250
LCS ELP CH₂ₓF	.12.3 SVIA.11.22	50 100
SOLVENT	ID	
METHANOL		
DATA FILE	06K17	

Electronic Data Archival

Location	Date
HPCHEM_VOA/TO05	

Comments:

Analyzed By: DN

Date Disposed: 11/20/06

Disposed By: DN

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: 11.28.06 ☐ 5-ml Purge ☑ 25-ml Purge **Book # A05 -033**

BATCH VO05K17

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RKQ 747	MB 05K67 ✓	25ml				10:30pm
02	748	↓ 68	↓				
03	749	VO 05K17 25	1/25ml				
04	750	↓ 06 ✓					
05	751	VO05K68L ✓					
06	752	C ✓	↓				
07	753	B	25ml				
08	754	Q ✓	↓				
09	755	06K52_04T ✓	0.5ml	50	<2		
10	756	-05T ✓	0.5ml	50			
11	757	-01R ✓	25ml	1			
12	758	-02R ✓					
13	759	-03R ✓					
14	760	-06R ✓					
15	761	-07R ✓					
16	762	-08R ✓					
17	763	-05R ✓					
18	764	-04R ✓					
19	765	-04U ✓					
20	✓ 766	↓ -04V ✓	↓	↓	↓		10:13am
21							
22							
23							
24							DN 11.28.06
25							

Instrument No.	05
INITIAL CALIBRATION REFERENCE	
DATE	11.17.06
ICAL ID	VO05K17

STANDARDS

NAME	ID	CONC. (mg/L)
DCC	SVC.11.41.1	
DCC	.48.1	
DCC	.47.2	
BFB	.21.1	50/100/200
IS/SURR.	.42.2	
LCS	.43.1	
LCS	.49.1 .47.3	
LCS	SVA:11.73	

SOLVENT	ID
METHANOL	
DATA FILE	06K27

Electronic Data Archival

Location	Date
HPCHEM_VOA/TO05	

Comments:

Analyzed By: DN

Date Disposed: 11/28/06

Disposed By: DN

LABORATORY REPORT FOR

TETRA TECH, INC.

LMC BEAUMONT SITE 2

METHOD 5030B/8260B
1,2,3-TRICHLOROPROPANE BY GC/MS SIM

SDG#: 06K252

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06K252

METHOD 5030B/8260B
1,2,3-TRICHLOROPROPANE BY GC/MS SIM

Three (3) water samples were received on 11/20/06 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 blanks were free of contamination at the reporting limit.

4. Surrogate Recovery

Recoveries were within QC limits except in MSD of K252, but target analyte met QC limit.

5. Lab Control Sample/Lab Control Sample Duplicate

All recoveries were within QC limits.

6. Matrix Spike/Matrix Spike Duplicate

Sample K252-04 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 CHRONICLE
1,2,3-Trichloropropane by GC/MS SIM

Client : TETRA TECH, INC.
Project : LMC BEAUMONT SITE 2
SDG NO. : 06K252
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	V006K51B	1	NA	11/29/0616:25	11/29/0616:25	RKW659	RJW210	V006K51	Method Blank
LCS1W	V006K51X	1	NA	11/29/0617:22	11/29/0617:22	RKW661	RJW210	V006K51	Lab Control Sample (LCS)
LCD1W	V006K51Y	1	NA	11/29/0617:48	11/29/0617:48	RKW662	RJW210	V006K51	LCS Duplicate
LEB-112006-B	K252-02	1	NA	11/29/0623:21	11/29/0623:21	RKW674	RJW210	V006K51	Field Sample
TT-MW2-14MS	K252-04M	1	NA	11/30/0600:50	11/30/0600:50	RKW677	RJW210	V006K51	Matrix Spike Sample (MS)
TT-MW2-14MSD	K252-04S	1	NA	11/30/0601:21	11/30/0601:21	RKW678	RJW210	V006K51	MS Duplicate (MSD)
MBLK2W	V006K53B	1	NA	11/30/0604:58	11/30/0604:58	RKW685	RJW210	V006K53	Method Blank
LCS2W	V006K53L	1	NA	11/30/0604:00	11/30/0604:00	RKW683	RJW210	V006K53	Lab Control Sample (LCS)
LCD2W	V006K53C	1	NA	11/30/0604:27	11/30/0604:27	RKW684	RJW210	V006K53	LCS Duplicate
TT-MW2-14	K252-04R	1	NA	11/30/0609:25	11/30/0609:25	RKW692	RJW210	V006K53	Field Sample
TT-MW2-114	K252-05R	1	NA	11/30/0608:56	11/30/0608:56	RKW691	RJW210	V006K53	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 5030B/8260B
1,2,3-Trichloropropane by GC/MS SIM

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/29/06 23:21
Sample ID:	LEB-112006-B	Date Analyzed:	11/29/06 23:21
Lab Samp ID:	K252-02	Dilution Factor:	1
Lab File ID:	RKW674	Matrix :	WATER
Ext Btch ID:	VOO6K51	% 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	50	50-150

RL: Reporting Limit

METHOD 5030B/8260B
1,2,3-Trichloropropane by GC/MS SIM

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/30/06 09:25
Sample ID:	TT-MW2-14	Date Analyzed:	11/30/06 09:25
Lab Samp ID:	K252-04R	Dilution Factor:	1
Lab File ID:	RKW692	Matrix :	WATER
Ext Btch ID:	VO06K53	% 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	70	50-150

RL: Reporting Limit

METHOD 5030B/8260B
1,2,3-Trichloropropane by GC/MS SIM

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/30/06 08:56
Sample ID:	TT-MW2-114	Date Analyzed:	11/30/06 08:56
Lab Samp ID:	K252-05R	Dilution Factor:	1
Lab File ID:	RKW691	Matrix :	WATER
Ext Btch ID:	VO06K53	% 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	53	50-150

RL: 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:	11/29/06
Batch No.	: 06K252	Date Extracted:	11/29/06 16:25
Sample ID:	MBLK1W	Date Analyzed:	11/29/06 16:25
Lab Samp ID:	V006K51B	Dilution Factor:	1
Lab File ID:	RKW659	Matrix :	WATER
Ext Btch ID:	V006K51	% 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	106	50-150

RL: Reporting Limit

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06K252
METHOD: METHOD 5030B/8260B SIM

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	V006K51B	V006K51X	V006K51Y		
LAB FILE ID:	RKW659	RKW661	RKW662		
DATE EXTRACTED:	11/29/0616:25	11/29/0617:22	11/29/0617:48	DATE COLLECTED:	NA
DATE ANALYZED:	11/29/0616:25	11/29/0617:22	11/29/0617:48	DATE RECEIVED:	11/29/06
PREP. BATCH:	V006K51	V006K51	V006K51		
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	0.0491	98	0.0500	0.0453	91	8	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	0.0372	74	0.0500	0.0397	79	50-150

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:	11/30/06
Batch No.	: 06K252	Date Extracted:	11/30/06 04:58
Sample ID:	MBLK2W	Date Analyzed:	11/30/06 04:58
Lab Samp ID:	V006K53B	Dilution Factor:	1
Lab File ID:	RKW685	Matrix :	WATER
Ext Btch ID:	V006K53	% 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	56	50-150

RL: Reporting Limit

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06K252
METHOD: METHOD 5030B/8260B SIM

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK2W				
LAB SAMP ID:	V006K53B	V006K53L	V006K53C		
LAB FILE ID:	RKW685	RKW683	RKW684		
DATE EXTRACTED:	11/30/0604:58	11/30/0604:00	11/30/0604:27	DATE COLLECTED:	NA
DATE ANALYZED:	11/30/0604:58	11/30/0604:00	11/30/0604:27	DATE RECEIVED:	11/30/06
PREP. BATCH:	V006K53	V006K53	V006K53		
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	0.0465	93	0.0500	0.0441	88	5	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	0.0272	54	0.0500	0.0303	61	50-150

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06K252
METHOD: METHOD 5030B/8260B SIM

MATRIX: WATER % MOISTURE: NA
DILUTION FACTOR: 1 1 1
SAMPLE ID: LEB-112006-B
LAB SAMP ID: K252-02 K252-04M K252-04S
LAB FILE ID: RKW674 RKW677 RKW678
DATE EXTRACTED: 11/29/0623:21 11/30/0600:50 11/30/0601:21 DATE COLLECTED: 11/20/06
DATE ANALYZED: 11/29/0623:21 11/30/0600:50 11/30/0601:21 DATE RECEIVED: 11/20/06
PREP. BATCH: V006K51 V006K51 V006K51
CALIB. REF: RJW210 RJW210 RJW210

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 (%)
1,2,3-Trichloropropane	ND	0.0500	0.0461	92	0.0500	0.0455	91	1	50-150	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 (%)
Toluene-d8	0.0500	0.0322	64	0.0500	0.0237	47*	50-150

INITIAL CALIBRATION

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc | Contract: LMC BEAUMONT SITE 2
Lab Code: EMXT Case No.: | SAS No.: SDG No.: 06K252
Lab File ID: RJW204 | BFB Injection Date : 10/18/06
Instrument ID: T-006 | BFB Injection Time : 09:23
GC Column:RTX502.2ID:0.32mm (mm) | 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

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :TO06
Beginning DateTime :10/18/06 13:29
Spike Units :PPB
IC File :RJW210

Column Spec :RTX502.2 ID :0.32MM
Ending DateTime :10/18/06 13:54
HPChem Method :VO06J18

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

10-21-06

2060

SECOND SOURCE VERIFICATION

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06J18\RJW217.D Vial: 13
Acq On : 18 Oct 2006 3:37 pm Operator: CR
Sample : IV006J181 50PPB Inst : TO06
Misc : 50PPB Multiplr: 1.00
MS Integration Params: 524TAIL.P

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

10-31-06

2062

DAILY CALIBRATION

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc Contract: LMC BEAUMONT SITE 2

Lab Code: EMXT Case No.: SAS No.: SDG No.: 06K252

Lab File ID: RKW654 BFB Injection Date : 11/29/06

Instrument ID: T-006 BFB Injection Time : 13:54

GC Column:RTX502.2ID:0.32mm (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.87
75	30.0 - 60.0% of mass 95	47.40
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	7.04
173	Less than 2.0% of mass 174	0.30(0.3)1
174	Greater than 50% of mass 95	87.31
175	5.0 - 9.0% of mass 174	5.83(6.7)1
176	95.0 - 101.0% of mass 174	85.44(97.9)1
177	5.0 - 9.0% of mass 176	5.13(6.0)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	CV006J1880	RKW655	11/29/06	14:28
2	MBLK1W	V006K51B	RKW659	11/29/06	16:25
3	LCS1W	V006K51X	RKW661	11/29/06	17:22
4	LCD1W	V006K51Y	RKW662	11/29/06	17:48
5	LEB-112006-B	K252-02	RKW674	11/29/06	23:21
6	TT-MW2-14MS	K252-04M	RKW677	11/30/06	00:50
7	TT-MW2-14MSD	K252-04S	RKW678	11/30/06	01:21

8B

SEMIVOLATILE 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.: 06K252
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	137298	15.17
2	MBLK1W	109120	15.17
3	LCS1W	116234	15.17
4	LCD1W	97889	15.17
5	LEB-112006-B	166858	15.15
6	TT-MW2-14MS	178403	15.13
7	TT-MW2-14MSD	217084	15.13

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.

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06K29\RKW655.D Vial: 3
Acq On : 29 Nov 2006 2:28 pm Operator: CR
Sample : CVO06J1880 Inst : TO06
Misc : 50PPB 1,2,3-TCP Multiplr: 1.00
MS Integration Params: 524TAIL.P

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	86	-0.02
2	S	Toluene-d8	50.000	37.213	25.6	71	-0.02
3	T	1,2,3-Trichloropropane	50.000	46.804	6.4	92	-0.02

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE (BFB)

Lab Name: EMAX Inc Contract: LMC BEAUMONT SITE 2

Lab Code: EMXT Case No.: SAS No.: SDG No.: 06K252

Lab File ID: RKW680 BFB Injection Date : 11/30/06

Instrument ID: T-006 BFB Injection Time : 02:29

GC Column:RTX502.2ID:0.32mm (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.24
75	30.0 - 60.0% of mass 95	47.02
95	Base peak, 100% relative abundance	100.00
96	5.0 - 9.0% of mass 95	6.40
173	Less than 2.0% of mass 174	0.00(0.0)1
174	Greater than 50% of mass 95	80.71
175	5.0 - 9.0% of mass 174	5.51(6.8)1
176	95.0 - 101.0% of mass 174	78.26(97.0)1
177	5.0 - 9.0% of mass 176	4.75(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	VSTD050	VSTD050	RKW681	11/30/06	03:04
2	MBLK2W	VO06K53B	RKW685	11/30/06	04:58
3	LCS2W	VO06K53L	RKW683	11/30/06	04:00
4	LCD1W	VO06K53C	RKW684	11/30/06	04:27
5	TT-MW2-114	K252-05R	RKW691	11/30/06	08:56
6	TT-MW2-14	K252-04R	RKW692	11/30/06	09:25

8B

SEMIVOLATILE 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.: 06K252
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	170183	15.13
2	MBLK2W	149266	15.13
3	LCS2W	167148	15.13
4	LCD2W	149366	15.13
5	TT-MW2-14	152655	15.13
6	TT-MW2-114	181638	15.13

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.

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\06K29\RKW681.D Vial: 3
Acq On : 30 Nov 2006 3:04 am Operator: CR
Sample : CVO06J1882 Inst : TO06
Misc : 50PPB 1,2,3-TCP Multiplr: 1.00
MS Integration Params: 524TAIL.P

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	106	-0.05
2	S	Toluene-d8	50.000	29.954	40.1#	74	-0.04
3	T	1,2,3-Trichloropropane	50.000	43.932	12.1	107	-0.05

(#) = 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: 10/18/02 ☐ 5-ml Purge ☐ 25-ml Purge **Book # A06 -024**

BATCH CV006J1801

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RJW2054	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 DAO SPIKE
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	CV006J1801 ✓	5.0ul				
16	219	V006J15L ✓	5.0ul				
17	220	C ✓	5.0ul				
18	221	B ✓	25ml				
19	222	06J067-02	25ml	1	<2		
20	223	-03		1			
21	224	-05		1			
22	225	-05R		1			
23	226	-05T	1.0ml	25			
24	227	V006J15 X	5.0ul				
25	228	Y	5.0ul				
	229	R	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: CN

Date Disposed: 10/19/02

Disposed By: CN

CN 10/19/02

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: 11/29/02 ☐ 5-ml Purge ☑ 25-ml Purge Book # A06 -025

BATCH 06K249

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RKWG53	BFB06K52	2ul				
02	654	BFB06K51	2ul				1:34 PM
03	655	CV006J1880	5ul				
04	656	CV006J1881	5ul				
05	657	V006K51L	5ul				
06	658	C	5ul				
07	659	B	25ml				
08	660	06K248-02	25ml	1	12.0		
09	661	V006K51X	5ul	1			
10	662	Y	5ul	1			
11	663	06K249-08	25ml	1	12.0		
12	664	-06		1			
13	665	-08R		1			
14	666	-02R		1			
15	667	06K245-01		1			
16	668	-03		1			
17	669	-04		1			
18	670	-05		1			RR @ 10X
19	671	-09		1			
20	672	06K269-01		1			
21	673	06K282-15		1			
22	674	06K252-02		1			
23	675	-05		1			RR @ 1X
24	676	-04		1			"
25	677	-04M		1			
26	678	-04S	"	1			1:21 PM 11/30/02

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 ppb
IS/SURR.	SVIC-11-48-2 SVIC-11-45-3	250 ppb 200 ppb
LCS	SVIC-11-15-3	250 ppb
LCS		
LCS		

SOLVENT	ID
METHANOL	
DATA FILE	06K249

Electronic Data Archival	
Location	Date
HPCHEM_VOA/T006	

Comments:

Analyzed By: CM

Date Disposed: 11/30/02

Disposed By: CM

11/30/02

11/30/02

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: 11/30/06 ☐ 5-ml Purge ☑ 25-ml Purge **Book # A06 -025**

BATCH 06K0291

Sample Prep. ID	Data File Name	Lab Sample ID	Sample Amount	DF	Matrix pH-W	Matrix S	Notes
01	RKW679	BFB 06K52	2ml				
02	680	BFB 06K53	2ml				2:29 PM
03	681	CV006 V1882	5ml				
04	682	CV006 V1883	5ml				
05	683	V006K53L	5ml				
06	684	C	5ml				
07	685	B	25ml				
08	686	Q	25ml				
09	687	06K291-06	25ml	1	12.0		
10	688	-07		1			
11	689	-08		1			
12	690	06K283-08		1			
13	691	06K252-05R		1			
14	692	-04R		1			
15	693	06K2W-05T	2.5	10			
16	694	06K318-01	25ml	1			
17	695	-02		1			
18	696	-03		1			
19	697	-04		1			
20	698	-05		1			
21	699	06K317-02		1			
22	700	-03		1			1:18 PM
23	701	RINSE					
24							
25							am 11/30/06

Instrument No.	06
INITIAL CALIBRATION REFERENCE	
DATE	10/18/06
ICAL ID	V006J18 SIM
STANDARDS	
NAME / ID / CONC. (mg/L)	
DCC	
DCC	
DCC	SVIC-11-15-2 200 ppb
BFB	SVIC-11-21-1 50 ppm
IS/SURR.	SVIC-11-48-2 250 ppb; SVIC-11-48-3 200 ppb
LCS	SVIC-11-15-3 250 ppb
LCS	
LCS	
SOLVENT	ID
METHANOL	
DATA FILE	06K29
Electronic Data Archival	
Location	Date
HPCHEM_VOA/T006	

Comments:

Analyzed By: am

Date Disposed: 11/30/06

Disposed By: am

LABORATORY REPORT FOR

TETRA TECH, INC.

LMC BEAUMONT SITE 2

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

SDG#: 06K252

CASE NARRATIVE

CLIENT: TETRA TECH, INC.

PROJECT: LMC BEAUMONT SITE 2

SDG: 06K252

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Three (3) water samples were received on 11/20/06 for Semi Volatile Organic analysis by Method 3520C/8270C in accordance with USEPA SW846, 3rd ed.

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 limit.

5. Lab Control Sample/Lab Control Sample Duplicate

Recoveries were within QC limit.

6. Matrix Spike/Matrix Spike Duplicate

Sample K252-04 was spiked. All recoveries were within QC limit.

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. : 06K252
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	SVK039WB	1	NA	11/30/0622:41	11/27/0613:30	RKX318	RHX222	SVK039W	Method Blank
LCS1W	SVK039WL	1	NA	11/30/0623:06	11/27/0613:30	RKX319	RHX222	SVK039W	Lab Control Sample (LCS)
LCD1W	SVK039WC	1	NA	11/30/0623:31	11/27/0613:30	RKX320	RHX222	SVK039W	LCS Duplicate
LEB-112006-B	K252-02	.94	NA	11/30/0623:56	11/27/0613:30	RKX321	RHX222	SVK039W	Field Sample
TT-MW2-14	K252-04	.98	NA	12/01/0600:21	11/27/0613:30	RKX322	RHX222	SVK039W	Field Sample
TT-MW2-14MS	K252-04M	1	NA	12/01/0600:45	11/27/0613:30	RKX323	RHX222	SVK039W	Matrix Spike Sample (MS)
TT-MW2-14MSD	K252-04S	1	NA	12/01/0601:10	11/27/0613:30	RKX324	RHX222	SVK039W	MS Duplicate (MSD)
TT-MW2-114	K252-05	1	NA	12/01/0601:35	11/27/0613:30	RKX325	RHX222	SVK039W	Field Sample

FN - Filename
% Moist - Percent Moisture

SAMPLE RESULTS

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/27/06 13:30
Sample ID:	LEB-112006-B	Date Analyzed:	11/30/06 23:56
Lab Samp ID:	K252-02	Dilution Factor:	.94
Lab File ID:	RKX321	Matrix	: WATER
Ext Btch ID:	SVK039W	% Moisture	: NA
Calib. Ref.:	RHX222	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,2,4-TRICHLOROBENZENE	ND	9.4	4.7
1,2-DICHLOROBENZENE	ND	9.4	4.7
1,3-DICHLOROBENZENE	ND	9.4	4.7
1,4-DICHLOROBENZENE	ND	9.4	4.7
2,4,5-TRICHLOROPHENOL	ND	9.4	4.7
2,4,6-TRICHLOROPHENOL	ND	9.4	4.7
2,4-DICHLOROPHENOL	ND	9.4	4.7
2,4-DIMETHYLPHENOL	ND	9.4	4.7
2,4-DINITROPHENOL	ND	19	4.7
2,4-DINITROTOLUENE	ND	9.4	4.7
2,6-DINITROTOLUENE	ND	9.4	4.7
2-CHLORONAPHTHALENE	ND	9.4	4.7
2-CHLOROPHENOL	ND	9.4	4.7
2-METHYLNAPHTHALENE	ND	9.4	4.7
2-METHYLPHENOL	ND	9.4	4.7
2-NITROANILINE	ND	9.4	4.7
2-NITROPHENOL	ND	9.4	4.7
3,3'-DICHLOROBENZIDINE	ND	9.4	4.7
3-NITROANILINE	ND	9.4	4.7
4,6-DINITRO-2-METHYLPHENOL	ND	19	4.7
4-BROMOPHENYL-PHENYL ETHER	ND	9.4	4.7
4-CHLORO-3-METHYLPHENOL	ND	9.4	4.7
4-CHLOROANILINE	ND	9.4	4.7
4-CHLOROPHENYL-PHENYL ETHER	ND	9.4	4.7
4-METHYLPHENOL (1)	ND	9.4	4.7
4-NITROANILINE	ND	9.4	4.7
4-NITROPHENOL	ND	19	4.7
ACENAPHTHENE	ND	9.4	4.7
ACENAPHTHYLENE	ND	9.4	4.7
ANTHRACENE	ND	9.4	4.7
BENZO(A)ANTHRACENE	ND	9.4	4.7
BENZO(A)PYRENE	ND	9.4	4.7
BENZO(B)FLUORANTHENE	ND	9.4	4.7
BENZO(K)FLUORANTHENE	ND	9.4	4.7
BENZO(G,H,I)PERYLENE	ND	9.4	4.7
BIS(2-CHLOROETHOXY)METHANE	ND	9.4	4.7
BIS(2-CHLOROETHYL)ETHER	ND	9.4	4.7
BIS(2-CHLOROISOPROPYL)ETHER	ND	9.4	4.7
BIS(2-ETHYLHEXYL)PHTHALATE	ND	9.4	4.7
BUTYLBENZYLPHTHALATE	ND	9.4	4.7
CHRYSENE	ND	9.4	4.7
DI-N-BUTYLPHTHALATE	ND	9.4	4.7
DI-N-OCTYLPHTHALATE	ND	9.4	4.7
DIBENZO(A,H)ANTHRACENE	ND	9.4	4.7
DIBENZOFURAN	ND	9.4	4.7
DIETHYLPHTHALATE	ND	9.4	4.7
DIMETHYLPHTHALATE	ND	9.4	4.7
FLUORANTHENE	ND	9.4	4.7
FLUORENE	ND	9.4	4.7
HEXACHLOROBENZENE	ND	9.4	4.7
HEXACHLOROBUTADIENE	ND	9.4	4.7
HEXACHLOROCYCLOPENTADIENE	ND	9.4	4.7
HEXACHLOROETHANE	ND	9.4	4.7
INDENO(1,2,3-CD)PYRENE	ND	9.4	4.7
ISOPHORONE	ND	9.4	4.7
N-NITROSO-DI-N-PROPYLAMINE	ND	9.4	4.7
N-NITROSODIPHENYLAMINE (2)	ND	9.4	4.7
NAPHTHALENE	ND	9.4	4.7
NITROBENZENE	ND	9.4	4.7
PENTACHLOROPHENOL	ND	19	4.7
PHENANTHRENE	ND	9.4	4.7
PHENOL	ND	9.4	4.7
PYRENE	ND	9.4	4.7

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	60	30-150
2-FLUOROBIPHENYL	59	30-130
2-FLUOROPHENOL	49	20-130
NITROBENZENE-D5	57	30-130
PHENOL-D5	49	30-130
TERPHENYL-D14	132*	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:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/27/06 13:30
Sample ID	: TT-MW2-14	Date Analyzed:	12/01/06 00:21
Lab Samp ID	: K252-04	Dilution Factor:	.98
Lab File ID	: RKX322	Matrix	: WATER
Ext Btch ID	: SVK039W	% Moisture	: NA
Calib. Ref.	: RHX222	Instrument ID	: T-042

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,2,4-TRICHLOROBENZENE	ND	9.8	4.9
1,2-DICHLOROBENZENE	ND	9.8	4.9
1,3-DICHLOROBENZENE	ND	9.8	4.9
1,4-DICHLOROBENZENE	ND	9.8	4.9
2,4,5-TRICHLOROPHENOL	ND	9.8	4.9
2,4,6-TRICHLOROPHENOL	ND	9.8	4.9
2,4-DICHLOROPHENOL	ND	9.8	4.9
2,4-DIMETHYLPHENOL	ND	9.8	4.9
2,4-DINITROPHENOL	ND	20	4.9
2,4-DINITROTOLUENE	ND	9.8	4.9
2,6-DINITROTOLUENE	ND	9.8	4.9
2-CHLORONAPHTHALENE	ND	9.8	4.9
2-CHLOROPHENOL	ND	9.8	4.9
2-METHYLNAPHTHALENE	ND	9.8	4.9
2-METHYLPHENOL	ND	9.8	4.9
2-NITROANILINE	ND	9.8	4.9
2-NITROPHENOL	ND	9.8	4.9
3,3'-DICHLOROBENZIDINE	ND	9.8	4.9
3-NITROANILINE	ND	9.8	4.9
4,6-DINITRO-2-METHYLPHENOL	ND	20	4.9
4-BROMOPHENYL-PHENYL ETHER	ND	9.8	4.9
4-CHLORO-3-METHYLPHENOL	ND	9.8	4.9
4-CHLOROANILINE	ND	9.8	4.9
4-CHLOROPHENYL-PHENYL ETHER	ND	9.8	4.9
4-METHYLPHENOL (1)	ND	9.8	4.9
4-NITROANILINE	ND	9.8	4.9
4-NITROPHENOL	ND	20	4.9
ACENAPHTHENE	ND	9.8	4.9
ACENAPHTHYLENE	ND	9.8	4.9
ANTHRACENE	ND	9.8	4.9
BENZO(A)ANTHRACENE	ND	9.8	4.9
BENZO(A)PYRENE	ND	9.8	4.9
BENZO(B)FLUORANTHENE	ND	9.8	4.9
BENZO(K)FLUORANTHENE	ND	9.8	4.9
BENZO(G,H,I)PERYLENE	ND	9.8	4.9
BIS(2-CHLOROETHOXY)METHANE	ND	9.8	4.9
BIS(2-CHLOROETHYL)ETHER	ND	9.8	4.9
BIS(2-CHLOROISOPROPYL)ETHER	ND	9.8	4.9
BIS(2-ETHYLHEXYL)PHTHALATE	ND	9.8	4.9
BUTYLBENZYLPHTHALATE	ND	9.8	4.9
CHRYSENE	ND	9.8	4.9
DI-N-BUTYLPHTHALATE	ND	9.8	4.9
DI-N-OCTYLPHTHALATE	ND	9.8	4.9
DIBENZO(A,H)ANTHRACENE	ND	9.8	4.9
DIBENZOFURAN	ND	9.8	4.9
DIETHYLPHTHALATE	ND	9.8	4.9
DIMETHYLPHTHALATE	ND	9.8	4.9
FLUORANTHENE	ND	9.8	4.9
FLUORENE	ND	9.8	4.9
HEXACHLOROBENZENE	ND	9.8	4.9
HEXACHLOROBUTADIENE	ND	9.8	4.9
HEXACHLOROCYCLOPENTADIENE	ND	9.8	4.9
HEXACHLOROETHANE	ND	9.8	4.9
INDENO(1,2,3-CD)PYRENE	ND	9.8	4.9
ISOPHORONE	ND	9.8	4.9
N-NITROSO-DI-N-PROPYLAMINE	ND	9.8	4.9
N-NITROSODIPHENYLAMINE (2)	ND	9.8	4.9
NAPHTHALENE	ND	9.8	4.9
NITROBENZENE	ND	9.8	4.9
PENTACHLOROPHENOL	ND	20	4.9
PHENANTHRENE	ND	9.8	4.9
PHENOL	ND	9.8	4.9
PYRENE	ND	9.8	4.9

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
2,4,6-TRIBROMOPHENOL	64	30-150
2-FLUOROBIPHENYL	59	30-130
2-FLUOROPHENOL	49	20-130
NITROBENZENE-D5	54	30-130
PHENOL-D5	50	30-130
TERPHENYL-D14	109	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:	11/20/06
Project	: LMC BEAUMONT SITE 2	Date Received:	11/20/06
Batch No.	: 06K252	Date Extracted:	11/27/06 13:30
Sample ID:	TT-MW2-114	Date Analyzed:	12/01/06 01:35
Lab Samp ID:	K252-05	Dilution Factor:	1
Lab File ID:	RKX325	Matrix	: WATER
Ext Btch ID:	SVK039W	% 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	63	30-150
2-FLUOROBIPHENYL	63	30-130
2-FLUOROPHENOL	51	20-130
NITROBENZENE-D5	63	30-130
PHENOL-D5	50	30-130
TERPHENYL-D14	92	30-130

(1): Cannot be separated from 3-Methylphenol
(2): Cannot be separated from Diphenylamine

QC SUMMARY

METHOD 3520C/8270C
SEMI VOLATILE ORGANICS BY GC/MS

Client	: TETRA TECH, INC.	Date Collected:	NA
Project	: LMC BEAUMONT SITE 2	Date Received:	11/27/06
Batch No.	: 06K252	Date Extracted:	11/27/06 13:30
Sample ID:	MBLK1W	Date Analyzed:	11/30/06 22:41
Lab Samp ID:	SVK039WB	Dilution Factor:	1
Lab File ID:	RKX318	Matrix	: WATER
Ext Btch ID:	SVK039W	% 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	56	40-140
2-FLUOROBIPHENYL	59	40-130
2-FLUOROPHENOL	49	30-130
NITROBENZENE-D5	56	40-130
PHENOL-D5	50	30-130
TERPHENYL-D14	128	50-130

(1): Cannot be separated from 3-Methylphenol
(2): Cannot be separated from Diphenylamine

EMAX QUALITY CONTROL DATA
LCS/LCD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06K252
METHOD: METHOD 3520C/8270C

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	1	1	1		
SAMPLE ID:	MBLK1W				
LAB SAMP ID:	SVK039WB	SVK039WL	SVK039WC		
LAB FILE ID:	RKX318	RKX319	RKX320		
DATE EXTRACTED:	11/27/0613:30	11/27/0613:30	11/27/0613:30	DATE COLLECTED:	NA
DATE ANALYZED:	11/30/0622:41	11/30/0623:06	11/30/0623:31	DATE RECEIVED:	11/27/06
PREP. BATCH:	SVK039W	SVK039W	SVK039W		
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	54.3	68	80.0	52.8	66	3	30-130	30
1,4-Dichlorobenzene	ND	80.0	46.2	58	80.0	45.3	57	2	30-130	30
2,4-Dinitrotoluene	ND	80.0	68.8	86	80.0	76.1	95	10	40-130	30
2-Chlorophenol	ND	80.0	57.1	71	80.0	56.3	70	2	30-130	30
4-Chloro-3-Methylphenol	ND	80.0	61.0	76	80.0	61.3	77	0	40-130	30
4-Nitrophenol	ND	80.0	46.8	58	80.0	51.7	65	10	30-130	30
Acenaphthene	ND	80.0	58.1	73	80.0	58.5	73	1	40-130	30
n-Nitroso-di-n-propylamine	ND	80.0	61.7	77	80.0	62.8	78	2	30-130	30
Pentachlorophenol	ND	80.0	57.6	72	80.0	62.2	78	8	30-130	30
Phenol	ND	80.0	52.7	66	80.0	51.6	64	2	20-130	30
Pyrene	ND	80.0	93.0	116	80.0	89.2	111	4	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	118	79	150	120	80	40-140
2-Fluorobiphenyl	50.0	36.4	73	50.0	36.4	73	40-130
2-Fluorophenol	150	93.4	62	150	89.1	59	30-130
Nitrobenzene-d5	50.0	35.7	71	50.0	36.4	73	40-130
Phenol-d5	150	94.4	63	150	92.0	61	30-130
Terphenyl-d14	50.0	63.1	126	50.0	64.4	129	50-130

EMAX QUALITY CONTROL DATA
MS/MSD ANALYSIS

CLIENT: TETRA TECH, INC.
PROJECT: LMC BEAUMONT SITE 2
BATCH NO.: 06K252
METHOD: METHOD 3520C/8270C

MATRIX:	WATER			% MOISTURE:	NA
DILUTION FACTOR:	.98	1	1		
SAMPLE ID:	TT-MW2-14				
LAB SAMP ID:	K252-04	K252-04M	K252-04S		
LAB FILE ID:	RKX322	RKX323	RKX324		
DATE EXTRACTED:	11/27/0613:30	11/27/0613:30	11/27/0613:30	DATE COLLECTED:	11/20/06
DATE ANALYZED:	12/01/0600:21	12/01/0600:45	12/01/0601:10	DATE RECEIVED:	11/20/06
PREP. BATCH:	SVK039W	SVK039W	SVK039W		
CALIB. REF:	RHX222	RHX222	RHX222		

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 (%)
1,2,4-Trichlorobenzene	ND	80.0	49.1	61	80.0	51.9	65	5	20-130	30
1,4-Dichlorobenzene	ND	80.0	41.5	52	80.0	43.7	55	5	20-130	30
2,4-Dinitrotoluene	ND	80.0	65.1	81	80.0	63.5	79	2	30-130	30
2-Chlorophenol	ND	80.0	49.7	62	80.0	52.6	66	6	30-130	30
4-Chloro-3-Methylphenol	ND	80.0	54.9	69	80.0	58.6	73	7	30-130	30
4-Nitrophenol	ND	80.0	39.3	49	80.0	39.3	49	0	20-130	30
Acenaphthene	ND	80.0	54.1	68	80.0	55.7	70	3	30-130	30
n-Nitroso-di-n-propylamine	ND	80.0	56.9	71	80.0	59.6	75	5	20-130	30
Pentachlorophenol	ND	80.0	51.3	64	80.0	51.4	64	0	30-130	30
Phenol	ND	80.0	49.4	62	80.0	49.5	62	0	20-130	30
Pyrene	ND	80.0	92.1	115	80.0	90.3	113	2	40-130	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 (%)
2,4,6-Tribromophenol	150	100	67	150	97.8	65	30-150
2-Fluorobiphenyl	50.0	33.9	68	50.0	34.2	68	30-130
2-Fluorophenol	150	81.5	54	150	81.4	54	20-130
Nitrobenzene-d5	50.0	32.7	65	50.0	34.2	68	30-130
Phenol-d5	150	82.8	55	150	81.3	54	30-130
Terphenyl-d14	50.0	46.7	93	50.0	39.7	79	30-130

INITIAL CALIBRATIONS

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.: 06K252
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

INITIAL_CALIBRATION - RELATIVE_RESPONSE_FACTOR

Instrument ID :TO42
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
25	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
26	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
55	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

8-31-06

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

8-31-06

Quantitation Limit from Lowest Initial Calibration Concentration

Instrument ID :TO42 — Column Spec :ZB-5MS ID :0.18MM
Beginning DateTime :08/29/06 12:04 — Ending DateTime :08/29/06 15:27
IC File :RHX222 — HPChem Method :SV42H29

WATER Init. Vol. (ml) : 1000 — Final Vol. (ml) : 1
SOIL Init. Weight (gm) : 30 — Final Vol. (ml) : 1

IDX	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
40	2-Chloronaphthalene	5	5	.1667	RHX218
41	2-Nitroaniline	5	5	.1667	RHX218
42	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
83	Dibenzo(a,h)anthracene	5	5	.1667	RHX218
84	Benzo(g,h,i)perylene	5	5	.1667	RHX218

8-31-06

SECOND SOURCE VERIFICATION

CONTINUE_CALIBRATION - CALIBRATION VERIFICATION

Instrument ID :TO42
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

M IDX	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
84	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

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
54	T	4-Nitroaniline	50.000	47.591	4.8	96	0.00
55	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
77	I	Perylene-d12	40.000	40.000	0.0	104	0.00

(#) = Out of Range

8-31-06

3019

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

DAILY CALIBRATIONS

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMAX Inc
Lab Code: EMXT
Lab File ID: RKX303
Instrument ID: T-042

Project: LMC BEAUMONT SITE 2
SDG No.: 06K252
DFTPP Injection Date: 11/30/06
DFTPP Injection Time: 15:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.34
68	Less than 2% of mass 69	0.00(0.0)1
69	Relative abundance of mass 198	62.33
70	Less than 2.0% of mass 69	0.25(0.4)1
127	40.0 - 60.0% of mass 198	42.20
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	7.38
275	10.0 - 30.0% of mass 198	24.24
365	Greater than 1.00% of mass 198	2.83
441	Present, but less than mass 443	14.56
442	Greater than 40.0% of mass 198	95.46
443	17.0 - 23.0% of mass 442	19.26(20.2)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	CSV42H2946	RKX304	11/30/06	16:13
2	MBLK1W	SVK039WB	RKX318	11/30/06	22:41
3	LCS1W	SVK039WL	RKX319	11/30/06	23:06
4	LCD1W	SVK039WC	RKX320	11/30/06	23:31
5	LEB-112006-B	K252-02	RKX321	11/30/06	23:56
6	TT-MW2-14	K252-04	RKX322	12/01/06	00:21
7	TT-MW2-14MS	K252-04M	RKX323	12/01/06	00:45
8	TT-MW2-14MSD	K252-04S	RKX324	12/01/06	01:10
9	TT-MW2-114	K252-05	RKX325	12/01/06	01:35

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.: 06K252
Date Analyzed: 08/29/06
Time Analyzed: 13:45

		IS1(DCB)		IS2(NPT)		IS3(ANT)	
		AREA #	RT #	AREA #	RT #	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	317346	3.50	1080193	4.91	593744	7.18
2	MBLK1W	268627	3.49	849960	4.91	490481	7.18
3	LCS1W	232656	3.50	777707	4.91	447671	7.18
4	LCD1W	249232	3.50	839379	4.90	484414	7.19
5	LEB-112006-B	254160	3.49	805074	4.90	455297	7.18
6	TT-MW2-14	197010	3.49	659832	4.90	379989	7.18
7	TT-MW2-14MS	273092	3.49	895260	4.91	513006	7.19
8	TT-MW2-14MSD	249444	3.50	823360	4.91	478311	7.18
9	TT-MW2-114	208081	3.50	674630	4.91	385618	7.18

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.

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.: 06K252
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	919267		9.24		627981		12.74		389990		14.47	
2	MBLK1W	696947		9.23		424345		12.73		299205		14.47	
3	LCS1W	640908		9.24		379747		12.74		264522		14.47	
4	LCD1W	713089		9.23		456352		12.75		350744		14.48	
5	LEB-112006-B	651036		9.23		384571		12.72		246813		14.47	
6	TT-MW2-14	584515		9.23		360720		12.72		232020		14.47	
7	TT-MW2-14MS	681409		9.23		375695		12.74		262279		14.47	
8	TT-MW2-14MSD	633904		9.24		357526		12.74		241728		14.47	
9	TT-MW2-114	562430		9.23		349270		12.73		226285		14.47	

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.

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\06K30\RKX304.D
Acq On : 30 Nov 06 16:13
Sample : CSV42H2946
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	128	-0.03
2	T	N-Nitrosodimethylamine	50.000	48.749	2.5	122	-0.02
3	T	Pyridine	50.000	48.442	3.1	122	0.00
4	S	2-Fluorophenol	50.000	48.651	2.7	120	-0.02
5	C	Phenol	50.000	48.590	2.8	118	-0.02
6	T	Aniline	50.000	42.995	14.0	107	-0.03
7	T	Bis(2-chloroethyl)ether	50.000	46.266	7.5	116	-0.03
8	S	Phenol-d5	50.000	48.480	3.0	121	-0.02
9	T	2-Chlorophenol	50.000	50.003	-0.0	124	-0.03
10	T	1,3-Dichlorobenzene	50.000	49.161	1.7	123	-0.04
11	C	1,4-Dichlorobenzene	50.000	48.468	3.1	121	-0.04
12	T	Benzyl alcohol	50.000	46.522	7.0	111	-0.03
13	S	1,2-Dichlorobenzene-d4	50.000	47.100	5.8	115	-0.04
14	T	1,2-Dichlorobenzene	50.000	48.283	3.4	118	-0.04
15	T	2-Methylphenol	50.000	49.407	1.2	121	-0.03
16	T	Bis(2-chloroisopropyl)ether	50.000	53.048	-6.1	134	-0.04
17	T	4-Methylphenol	50.000	48.263	3.5	119	-0.03
18	P	N-Nitroso-di-n-propylamine	50.000	50.775	-1.5	120	-0.03
19	T	Hexachloroethane	50.000	47.457	5.1	117	-0.04
20	I	Naphthalene-d8	40.000	40.000	0.0	129	-0.04
21	S	Nitrobenzene-d5	50.000	50.942	-1.9	124	-0.04
22	T	Nitrobenzene	50.000	47.441	5.1	118	-0.04
23	T	Isophorone	50.000	50.142	-0.3	125	-0.04
24	C	2-Nitrophenol	50.000	52.694	-5.4	127	-0.03
25	T	2,4-Dimethylphenol	50.000	48.575	2.8	119	-0.04
26	T	bis(2-Chloroethoxy)methane	50.000	47.935	4.1	121	-0.04
27	T	Benzoic Acid	50.000	59.712	-19.4	159	0.01
28	C	2,4-Dichlorophenol	50.000	49.894	0.2	124	-0.03
29	T	1,2,4-Trichlorobenzene	50.000	50.535	-1.1	128	-0.04
30	T	Naphthalene	50.000	47.469	5.1	121	-0.04
31	T	4-Chloroaniline	50.000	49.526	0.9	120	-0.04
32	C	Hexachlorobutadiene	50.000	46.269	7.5	119	-0.05
33	C	4-Chloro-3-methylphenol	50.000	51.630	-3.3	125	-0.03
34	T	2-Methylnaphthalene	50.000	50.528	-1.1	125	-0.05
35	I	Acenaphthene-d10	40.000	40.000	0.0	128	-0.04
36	P	Hexachlorocyclopentadiene	50.000	48.920	2.2	115	-0.05
37	C	2,4,6-Trichlorophenol	50.000	46.206	7.6	116	-0.03
38	T	2,4,5-Trichlorophenol	50.000	50.767	-1.5	124	-0.03
39	S	2-Fluorobiphenyl	50.000	48.488	3.0	122	-0.04

(#) = Out of Range

Data File : C:\HPCHEM\1\DATA\06K30\RKX304.D
Acq On : 30 Nov 06 16:13
Sample : CSV42H2946
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	47.526	4.9	120	-0.04
41	T	2-Nitroaniline	50.000	47.287	5.4	123	-0.03
42	T	Dimethylphthalate	50.000	47.138	5.7	119	-0.04
43	T	2,6-Dinitrotoluene	50.000	50.543	-1.1	124	-0.04
44	T	Acenaphthylene	50.000	48.225	3.5	121	-0.04
45	T	3-Nitroaniline	50.000	45.647	8.7	107	-0.03
46	C	Acenaphthene	50.000	48.490	3.0	122	-0.04
47	P	2,4-Dinitrophenol	50.000	53.144	-6.3	148	-0.03
48	P	4-Nitrophenol	50.000	39.191	21.6	103	0.00
49	T	Dibenzofuran	50.000	48.785	2.4	125	-0.04
50	T	2,4-Dinitrotoluene	50.000	51.711	-3.4	124	-0.03
51	T	Diethylphthalate	50.000	47.572	4.9	118	-0.04
52	T	Fluorene	50.000	50.968	-1.9	129	-0.04
53	T	4-Chlorophenyl-phenylether	50.000	49.384	1.2	125	-0.04
54	T	4-Nitroaniline	50.000	49.250	1.5	116	-0.03
55	T	4,6-Dinitro-2-methylphenol	50.000	46.584	6.8	118	-0.03
56	C	N-Nitrosodiphenylamine	50.000	49.327	1.3	125	-0.04
57	T	Azobenzene	50.000	48.349	3.3	117	-0.04
58	S	2,4,6-Tribromophenol	50.000	48.404	3.2	123	-0.03
59	I	Phenanthrene-d10	40.000	40.000	0.0	131	-0.04
60	T	4-Bromophenyl-phenylether	50.000	50.309	-0.6	129	-0.04
61	T	Hexachlorobenzene	50.000	47.458	5.1	123	-0.03
62	C	Pentachlorophenol	50.000	48.260	3.5	116	-0.03
63	T	Phenanthrene	50.000	47.058	5.9	120	-0.03
64	T	Anthracene	50.000	48.192	3.6	122	-0.03
65	T	Carbazole	50.000	51.639	-3.3	131	-0.03
66	T	Di-n-butylphthalate	50.000	48.355	3.3	122	-0.04
67	C	Fluoranthene	50.000	48.504	3.0	122	-0.04
68	I	Chrysene-d12	40.000	40.000	0.0	114	-0.03
69	T	Benzidine	-1.000	0.000	0.0	0	-0.02
70	T	Pyrene	50.000	54.579	-9.2	122	-0.04
71	S	Terphenyl-d14	50.000	52.544	-5.1	117	-0.04
72	T	Butylbenzylphthalate	50.000	48.395	3.2	108	-0.04
73	T	3,3'-Dichlorobenzidine	50.000	49.718	0.6	113	-0.03
74	T	Benzo(a)anthracene	50.000	49.167	1.7	107	-0.03
75	T	Chrysene	50.000	47.084	5.8	109	-0.03
76	T	bis(2-Ethylhexyl)phthalate	50.000	50.902	-1.8	119	-0.04
77	I	Perylene-d12	40.000	40.000	0.0	110	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\06K30\RKX304.D Vial: 3
Acq On : 30 Nov 06 16:13 Operator: SG
Sample : CSV42H2946 Inst : TO42
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

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	52.730	-5.5	127	-0.05
79	T	Benzo(b)fluoranthene	50.000	45.301	9.4	103	-0.03
80	T	Benzo(k)fluoranthene	50.000	50.243	-0.5	105	-0.03
81	C	Benzo(a)pyrene	50.000	47.102	5.8	101	-0.03
82	T	Indeno(1,2,3-cd)pyrene	50.000	47.011	6.0	99	-0.03
83	T	Dibenzo(a,h)anthracene	50.000	47.478	5.0	100	-0.04
84	T	Benzo(g,h,i)perylene	50.000	45.728	8.5	95	-0.04

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\06K30\RKX304.D Vial: 3
Acq On : 30 Nov 06 16:13 Operator: SG
Sample : CSV42H2946 Inst : TO42
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

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	128	-0.03
2	T	N-Nitrosodimethylamine	0.873	0.851	2.5	122	-0.02
3	T	Pyridine	1.445	1.400	3.1	122	0.00
4	S	2-Fluorophenol	1.273	1.239	2.7	120	-0.02
5	C	Phenol	1.676	1.629	2.8	118	-0.02
6	T	Aniline	1.717	1.477	14.0	107	-0.03
7	T	Bis(2-chloroethyl)ether	1.309	1.212	7.4	116	-0.03
8	S	Phenol-d5	1.603	1.554	3.1	121	-0.02
9	T	2-Chlorophenol	1.306	1.306	0.0	124	-0.03
10	T	1,3-Dichlorobenzene	1.486	1.461	1.7	123	-0.04
11	C	1,4-Dichlorobenzene	1.468	1.423	3.1	121	-0.04
12	T	Benzyl alcohol	0.812	0.755	7.0	111	-0.03
13	S	1,2-Dichlorobenzene-d4	0.899	0.847	5.8	115	-0.04
14	T	1,2-Dichlorobenzene	1.336	1.290	3.4	118	-0.04
15	T	2-Methylphenol	1.042	1.029	1.2	121	-0.03
16	T	Bis(2-chloroisopropyl)ether	2.271	2.409	-6.1	134	-0.04
17	T	4-Methylphenol	1.524	1.471	3.5	119	-0.03
18	P	N-Nitroso-di-n-propylamine	1.010	1.025	-1.5	120	-0.03
19	T	Hexachloroethane	0.659	0.626	5.0	117	-0.04
20	I	Naphthalene-d8	1.000	1.000	0.0	129	-0.04
21	S	Nitrobenzene-d5	0.412	0.420	-1.9	124	-0.04
22	T	Nitrobenzene	0.437	0.415	5.0	118	-0.04
23	T	Isophorone	0.741	0.743	-0.3	125	-0.04
24	C	2-Nitrophenol	0.226	0.238	-5.3	127	-0.03
25	T	2,4-Dimethylphenol	0.316	0.307	2.8	119	-0.04
26	T	bis(2-Chloroethoxy)methane	0.458	0.439	4.1	121	-0.04
27	T	Benzoic Acid	0.199	0.284	-42.7#	159	0.01
28	C	2,4-Dichlorophenol	0.328	0.328	0.0	124	-0.03
29	T	1,2,4-Trichlorobenzene	0.357	0.361	-1.1	128	-0.04
30	T	Naphthalene	0.997	0.947	5.0	121	-0.04
31	T	4-Chloroaniline	0.426	0.422	0.9	120	-0.04
32	C	Hexachlorobutadiene	0.231	0.213	7.8	119	-0.05
33	C	4-Chloro-3-methylphenol	0.364	0.376	-3.3	125	-0.03
34	T	2-Methylnaphthalene	0.669	0.676	-1.0	125	-0.05
35	I	Acenaphthene-d10	1.000	1.000	0.0	128	-0.04
36	P	Hexachlorocyclopentadiene	0.304	0.298	2.0	115	-0.05
37	C	2,4,6-Trichlorophenol	0.473	0.437	7.6	116	-0.03
38	T	2,4,5-Trichlorophenol	0.475	0.482	-1.5	124	-0.03
39	S	2-Fluorobiphenyl	1.322	1.282	3.0	122	-0.04

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\06K30\RKX304.D
Acq On : 30 Nov 06 16:13
Sample : CSV42H2946
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	1.112	5.0	120	-0.04
41	T	2-Nitroaniline	0.475	0.486	-2.3	123	-0.03
42	T	Dimethylphthalate	1.457	1.374	5.7	119	-0.04
43	T	2,6-Dinitrotoluene	0.337	0.367	-8.9	124	-0.04
44	T	Acenaphthylene	1.767	1.704	3.6	121	-0.04
45	T	3-Nitroaniline	0.355	0.324	8.7	107	-0.03
46	C	Acenaphthene	1.080	1.047	3.1	122	-0.04
47	P	2,4-Dinitrophenol	0.198	0.262	-32.3#	148	-0.03
48	P	4-Nitrophenol	0.226	0.192	15.0	103	0.00
49	T	Dibenzofuran	1.644	1.604	2.4	125	-0.04
50	T	2,4-Dinitrotoluene	0.463	0.479	-3.5	124	-0.03
51	T	Diethylphthalate	1.406	1.337	4.9	118	-0.04
52	T	Fluorene	1.273	1.297	-1.9	129	-0.04
53	T	4-Chlorophenyl-phenylether	0.667	0.659	1.2	125	-0.04
54	T	4-Nitroaniline	0.349	0.344	1.4	116	-0.03
55	T	4,6-Dinitro-2-methylphenol	0.285	0.298	-4.6	118	-0.03
56	C	N-Nitrosodiphenylamine	0.885	0.873	1.4	125	-0.04
57	T	Azobenzene	1.601	1.548	3.3	117	-0.04
58	S	2,4,6-Tribromophenol	0.290	0.281	3.1	123	-0.03
59	I	Phenanthrene-d10	1.000	1.000	0.0	131	-0.04
60	T	4-Bromophenyl-phenylether	0.275	0.277	-0.7	129	-0.04
61	T	Hexachlorobenzene	0.344	0.326	5.2	123	-0.03
62	C	Pentachlorophenol	0.255	0.246	3.5	116	-0.03
63	T	Phenanthrene	1.164	1.096	5.8	120	-0.03
64	T	Anthracene	1.144	1.103	3.6	122	-0.03
65	T	Carbazole	1.001	1.033	-3.2	131	-0.03
66	T	Di-n-butylphthalate	1.334	1.290	3.3	122	-0.04
67	C	Fluoranthene	1.153	1.119	2.9	122	-0.04
68	I	Chrysene-d12	1.000	1.000	0.0	114	-0.03
69	T	Benzidine	0.000	0.000#	0.0	0#	-0.02
70	T	Pyrene	1.493	1.629	-9.1	122	-0.04
71	S	Terphenyl-d14	0.900	0.946	-5.1	117	-0.04
72	T	Butylbenzylphthalate	0.600	0.636	-6.0	108	-0.04
73	T	3,3'-Dichlorobenzidine	0.301	0.343	-14.0	113	-0.03
74	T	Benzo(a)anthracene	1.034	1.017	1.6	107	-0.03
75	T	Chrysene	1.112	1.047	5.8	109	-0.03
76	T	bis(2-Ethylhexyl)phthalate	0.663	0.770	-16.1	119	-0.04
77	I	Perylene-d12	1.000	1.000	0.0	110	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\06K30\RKX304.D Vial: 3
Acq On : 30 Nov 06 16:13 Operator: SG
Sample : CSV42H2946 Inst : TO42
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

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	1.823	-16.6	127	-0.05
79	T	Benzo(b)fluoranthene	1.336	1.294	3.1	103	-0.03
80	T	Benzo(k)fluoranthene	1.497	1.504	-0.5	105	-0.03
81	C	Benzo(a)pyrene	1.355	1.276	5.8	101	-0.03
82	T	Indeno(1,2,3-cd)pyrene	1.138	1.136	0.2	99	-0.03
83	T	Dibenzo(a,h)anthracene	0.885	0.906	-2.4	100	-0.04
84	T	Benzo(g,h,i)perylene	0.960	0.878	8.5	95	-0.04