Quarterly Groundwater Monitoring Report
Third Quarter 2005
Lockheed Martin Corporation, Beaumont Site 2
Beaumont, California

Prepared for:

LOCKHEED MARTIN

Tetra Tech, Inc.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
TC# 16392-01 / December 2005

Quarterly Groundwater Monitoring Report
Third Quarter 2005
Lockheed Martin Corporation, Beaumont Site 2
Beaumont, California

December 2005
TC 16392-04

Prepared for
Lockheed Martin Corporation
Burbank, California

Prepared by
Tetra Tech, Inc.

Brenda Meyer, P.E.
Deputy Beaumont Program Manager

Paul Michalski, P.G.
Project Geologist

Thomas J. Villeneuve, P.E.
Program Manager

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

APPENDICES

1.0 – INTRODUCTION

1.0 INTRODUCTION

This Quarterly Groundwater Monitoring Report (Report) prepared by Tetra Tech, Inc. (Tetra Tech), on behalf of Lockheed Martin Corporation (LMC), presents the results of the Third Quarter 2005 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.

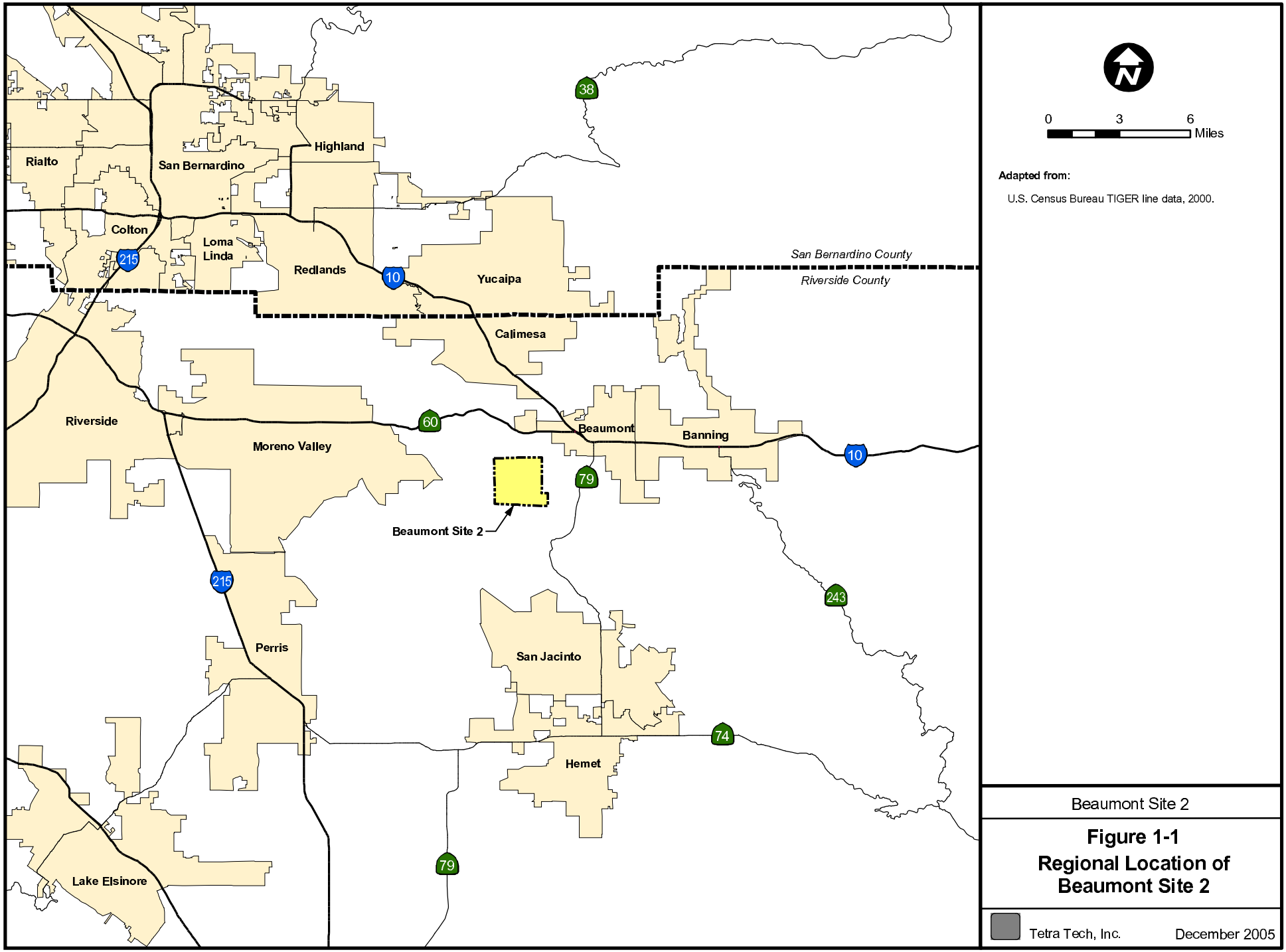
The objectives of this Report are to:

- Present the most current conceptual Site model (CSM),
- Document the water quality monitoring procedures and results, and
- Analyze and evaluate the water quality monitoring data generated.

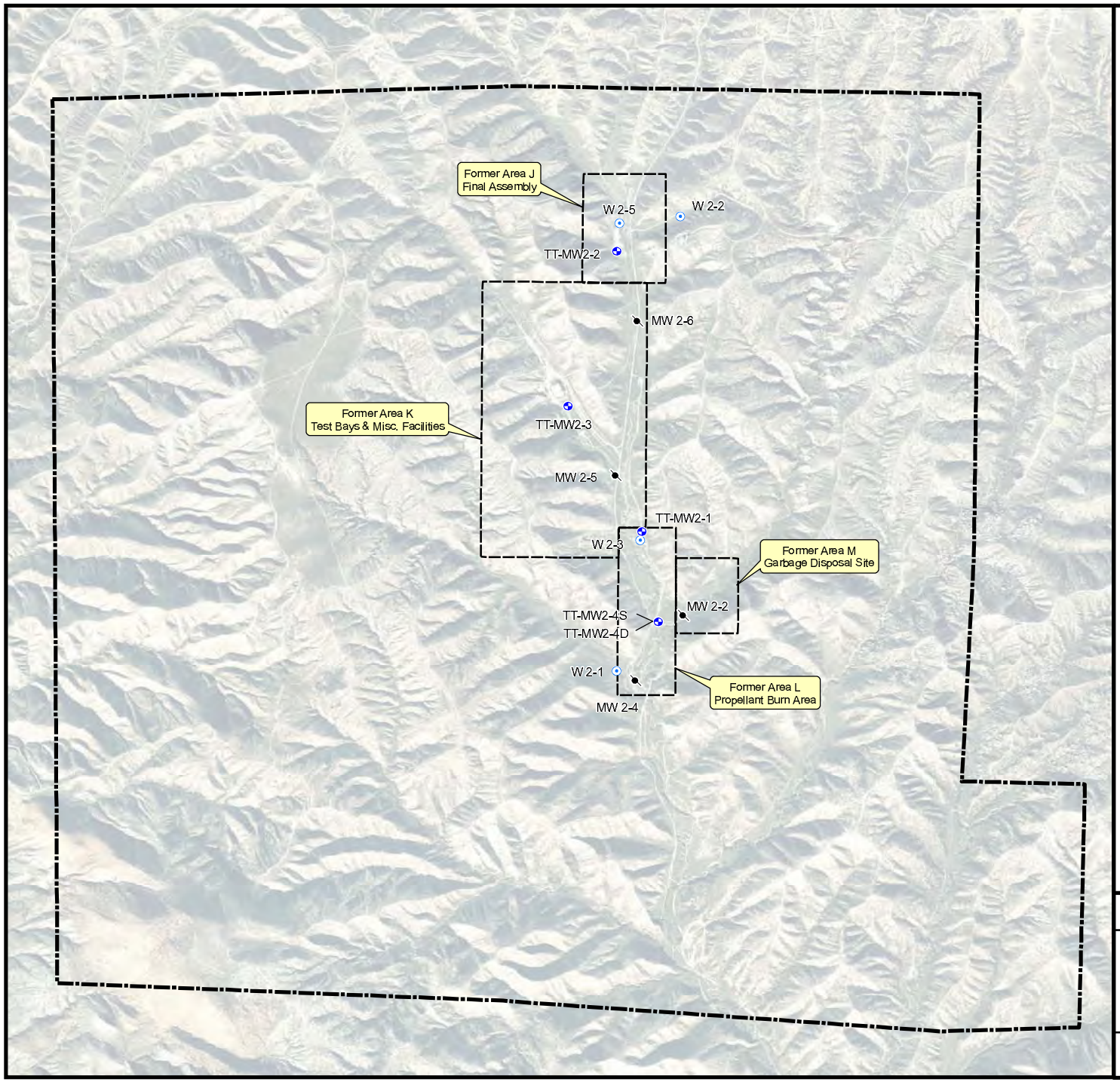
This Report contains the following: data validation criteria and results; tabulated groundwater elevation and water quality data; water level hydrographs; a groundwater elevation map; perchlorate and trichloroethene (TCE) concentration distribution maps; and time-series graphs. This Report also includes: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

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 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). A layout of the Site is presented on Figure 1-2. In 1989, the Department of Toxic Substances Control (DTSC) issued a consent order requiring LMC to cleanup contamination at the Site related to past testing activities (CDHS, 1989). Based on characterization and cleanup activities performed at the Site, the DTSC issued a no further remedial action letter to LMC closing the Site in 1993.


X:\GIS\LOCKHEED SITE 2 GW Q305\REGION.MXD
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
Beaumont Site 2
215
243
Perris
San Jacinto
74
Hemet
79
Lake Elsinore
0
3
6
Miles
Adapted from:
U.S. Census Bureau TIGER line data, 2000.
Beaumont Site 2
Figure 1-1
Regional Location of
Beaumont Site 2
Tetra Tech, Inc.
December 2005

X:\GIS\LOCKHEED SITE 2 GW 0305\SITE.MXD



0 1,000 2,000 3,000 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

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

Note: Beaumont Site 2 property boundary is approximate.

Beaumont Site 2

Figure 1-2
Site Layout

Tetra Tech, Inc. December 2005

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 these chemicals in groundwater. The analytical results indicated that VOCs and 1,4-dioxane were not present at or above their respective laboratory reporting limits (LRLs). However, perchlorate was reported at a concentration of 4,080 micrograms per liter (µg/L), which exceeded the California Department of Health Services drinking water notification level (DWNL) of 6 µg/L. Based on the detection of perchlorate in the groundwater sample collected, the DTSC reopened the Site for further assessment.

Four (4) primary historical operational areas have been identified at the Site (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:

Operational Area J – Final Assembly

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

Operational Area K – Test Bays and Miscellaneous Facilities

Historical Operational Area K consisted of a conditioning chamber and its associated bunker, centrifuge, and four (4) test bays. The conditioning chamber was used to examine the effects of extreme temperatures on rocket motors and to meet specification requirements. A centrifuge was located in the western test bay, where rocket motors were tested in order to determine if the solid propellant would separate from its casing under increased gravitational forces (i.e., g-forces). The initial testing activities had a history of explosions that destroyed complete test areas, especially during the period when GCR operated at the Site. As the technology became better understood, motor failures occurred less often. Following any motor failure, the hillsides were reportedly thoroughly policed to recover any unburned solid propellant (Radian, 1986a).

Operational Area L – Burn Area

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

Operational Area M – Garbage Disposal Site

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

1.2 PREVIOUS ENVIRONMENTAL ACTIVITIES

Reports and documentation regarding previous environmental activities (i.e., soil/groundwater investigations, excavations, regulatory agency correspondence, etc.) were reviewed to provide a historical environmental evaluation of the Site. The review focused upon identifying activities conducted at the Site that would describe specific findings regarding chemical impacts to groundwater. Previous investigations reviewed included a preliminary remedial investigation (Radian, 1986b); hydrogeologic investigation (Radian, 1992a); disposal area removal action report (Radian, 1993); monitoring well destruction report (LMC, 1995); and a letter report for groundwater sampling results from former production well W2-3 (Tetra Tech, 2003). These investigations are briefly summarized in the following subsections.

1.2.1 Preliminary Remedial Investigation

In October 1986, Radian Corporation (Radian) conducted a remedial groundwater and geophysical investigation at the Site (Radian, 1986b). The objective of the remedial investigation was to determine the potential presence and lateral extents of possible contaminants in the groundwater beneath the Site. The remedial groundwater investigation was to include sampling four (4) of the existing groundwater production wells (designated W2-1, W2-2, W2-3, and W2-5 and shown on Figure 1-2) at the Site

(Radian, 1986b). However, only well W2-3, located upgradient of the probable surface propellant burn area (Historical Operational Area "L"), was accessible during this investigation. A sample was collected from well W2-3 and analyzed for purgeable hydrocarbons using U.S. Environmental Protection Agency (EPA) Method 601. TCE was reported at a concentration of 4.2 µg/L in the sample.

1.2.2 Hydrogeologic 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, 1992b). 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) were installed at the Site (Figure 1-2). MW2-2 was located approximately 400 feet southeast of the former propellant burn area and down-gradient of the disposal area. 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.

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

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 (Historical Operational Area "M"). Subsurface anomalies were detected in the center portion of Historical Operational Area "M" in an area approximately 250 wide by 450 feet long. In order to visually confirm the presence of debris, a total of 12 hand-auger borings were advanced to depths ranging from between 3 to 5.5 feet bgs. Based on hand-auger sampling activities, subsurface debris coincided with the surface debris area. Subsequently, three (3) trenches were excavated (designated north, central, and south) to approximately 5 to 8 feet bgs across the debris area. A total of nine (9) soil samples were collected and analyzed for VOCs, SVOCs, and metals. Neither VOCs nor

SVOCs were reported above their respective detection limits. All metals results were below the 10 times Soluble Threshold Limit Concentration guidelines. An excavation was performed to remove all debris. A total of 816 tons of debris was removed and disposed of off-site. Three perimeter confirmation soil samples were collected and analyzed for VOCs, SVOCs, and metals. All results were below their respective guidelines. The excavation was backfilled to surrounding grade. Excavation activities were performed under the supervision of the DTSC (Radian 1993).

1.2.4 Remedial Action Certification Letter

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

1.2.5 Monitoring Well Destruction Report

Based on the July 20, 1993 Remedial Action Certification letter issued by DTSC, groundwater monitoring wells MW2-2, MW2-4, MW2-5, and MW2-6 were 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 LRLs.

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 Former 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 of the four (4) production wells, W2-3 and W2-5, were visually identified at the Site. The depth to groundwater measured in well W2-3 was 45.65 feet below the top of the casing (btoc) and the total depth of well W2-3 was 209.94 feet btoc. Well W2-5 was dry with a total measured depth of 86.12 feet btoc. Based on historical documents, total well depth of

W2-5 was reported to be 500 feet btoc. A visual inspection with a mirror identified an obstruction in well W2-5, possibly consisting of dirt and debris. Therefore, only well W2-3 was sampled.

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

1.3 RECENT ENVIRONMENTAL ACTIVITIES

1.3.1 Groundwater Monitoring Well Installation Report

In August and September 2004, Tetra Tech installed and sampled five (5) groundwater monitoring wells (shown on Figure 1-2 and designated TT-MW2-1, TT-MW2-2, TT-MW2-3, TT-MW2-4S [for shallow screened] and TT-MW2-4D [for deep screened]) at the Site (Tetra Tech, 2004b). All five (5) of the monitoring wells were screened at "first observed water" with two (2) monitoring wells screened in alluvial material (silt, sand, and gravel) and three (3) monitoring wells screened in bedrock (San Timoteo Formation). 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) new groundwater monitoring wells were sampled in September 2004 and analyzed for VOCs, SVOCs (including 1,4-dioxane and N-nitrosodimethylamine), 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 Historical Operational Area "K" (TT-MW2-3) and propellant burn area (TT-MW2-1); arsenic was detected in the nested bedrock wells (TT-MW2-4D) and (TT-MW2-4S). Bis-(2-ethylhexyl) phthalate and TCE were also detected in TT-MW2-3. The report indicated that groundwater flow was south-southwest.

1.3.2 Geophysical Testing

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

Between April and September 2005, geophysical testing was performed at the Site to help in refining the CSM and as an aid to future groundwater monitoring well placement. A geophysical pilot test was initially performed to evaluate the effectiveness of seismic surveys to image the contact between alluvium and shallow San Timoteo Formation and potential geologic structure. The pilot test consisted of three (3) vertical seismic profiles and one (1) horizontal seismic survey. Vertical profiles were used to determine formation velocities in the vicinity of selected monitoring wells with subsequent comparison of those to data collected during the drilling of each well. The horizontal seismic survey (refraction and reflection) was oriented across the valley floor and completed at a previously drilled location (TT-MW-2-3) that contacted the San Timoteo Formation at greater then 100 feet below ground surface (bgs). The surveys were used to image the contact between alluvium and shallow San Timoteo Formation and potential geologic structure.

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 geophysical survey was subsequently performed. The geophysical survey consisted of 10 horizontal seismic profiles. Eight (8) of the profiles were oriented across the valley floor and two (2) profiles were oriented approximately parallel to the valley floor (i.e., perpendicular to the other profiles). In general, the results of the geophysical survey correlated well with the geophysical pilot test and refinement of the CSM's alluvial zone into unconsolidated and slightly consolidated zones was possible. A complete description of the geophysical field activities will be provided to the DTSC under separate cover.

1.3.3 Downgradient Well Installation Work Plan

In November 2005, Tetra Tech prepared a letter work plan describing proposed activities to install additional downgradient groundwater monitoring wells approximately 2,500 feet 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 are scheduled to be sampled as part of the Fourth Quarter 2005 groundwater monitoring activities. A complete description of the field activities and the results will be provided to the DTSC under separate cover.

1.4 GROUNDWATER MONITORING PROGRAM

Quarterly water level measurements and water quality monitoring have taken place at the Site since September 2004. The current groundwater monitoring plan includes quarterly groundwater level measurements and water quality monitoring from five (5) wells (TT-MW2-1, TT-MW2-2, TT-MW2-3, TT-MW2-4S and TT-MW2-4D). Water levels measurements and sampling were performed in accordance with procedures described in the January 2004 *Groundwater Monitoring Well Installation Work Plan* prepared by Tetra Tech (Tetra Tech, 2004a). Groundwater samples are analyzed for VOCs, Title 22 metals, and perchlorate. Selected testing for general minerals was also performed for the Second Quarter 2005 water quality monitoring. Figure 1-2 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

2.0 CONCEPTUAL SITE MODEL

The following sections describe the conceptual model for the Site prior to the Third Quarter 2005 groundwater monitoring event. This discussion is divided into four main sections: physical setting, geology, hydrogeology, and distribution of affected groundwater.

2.1 PHYSICAL SETTING

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

2.1.1 Surface Water

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

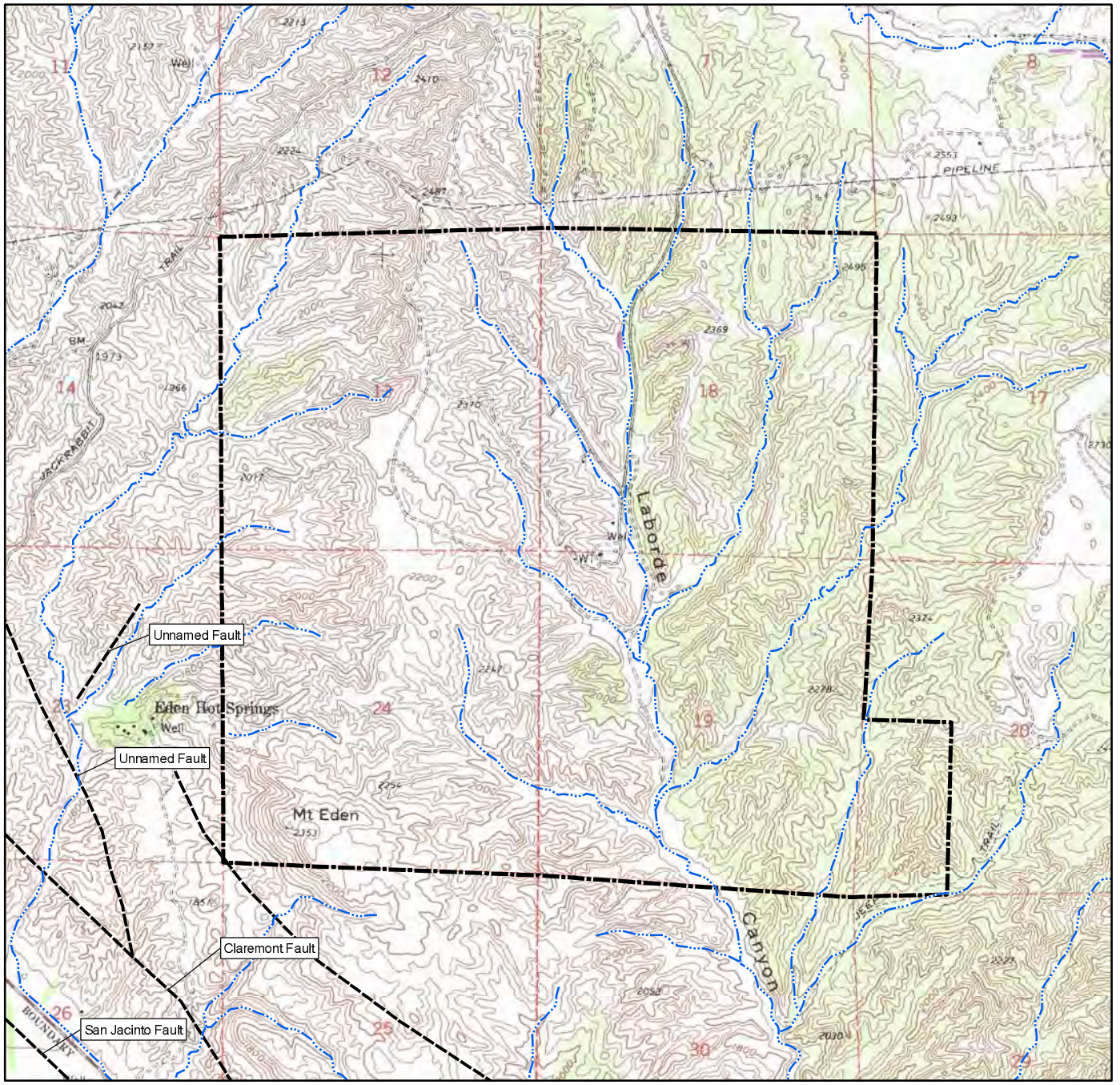
2.2 GEOLOGY

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

2.2.1 Regional Geology

The regional stratigraphy in the vicinity of the Site has been described and mapped by Dibblee (Dibblee, 1981). Geologic units, from oldest to youngest, consist of: the basement complex of late Paleozoic to middle Mesozoic age meta-sedimentary rocks and Mesozoic granitic rocks; non-marine sedimentary rocks of the Tertiary (Pliocene to Pleistocene) Mount Eden Formation overlain by the non-marine Tertiary sandstones and siltstones of the San Timoteo Formation; and Quaternary alluvium (Radian, 1990). Figure 2-2 presents the regional geology of the area depicting the San Timoteo Formation as the "undivided Pliocene nonmarine" unit and Quaternary alluvium as "alluvium." While Quaternary

X:\GIS\LOCKHEED SITE 2 Q3\05\TOPO.MXD



0 1,500 3,000 Feet

Adapted from:

USGS 7.5' Topographic Quadrangle, El Casco. 1979.

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

LEGEND

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

Note: Beaumont Site 2 property boundary is approximate.

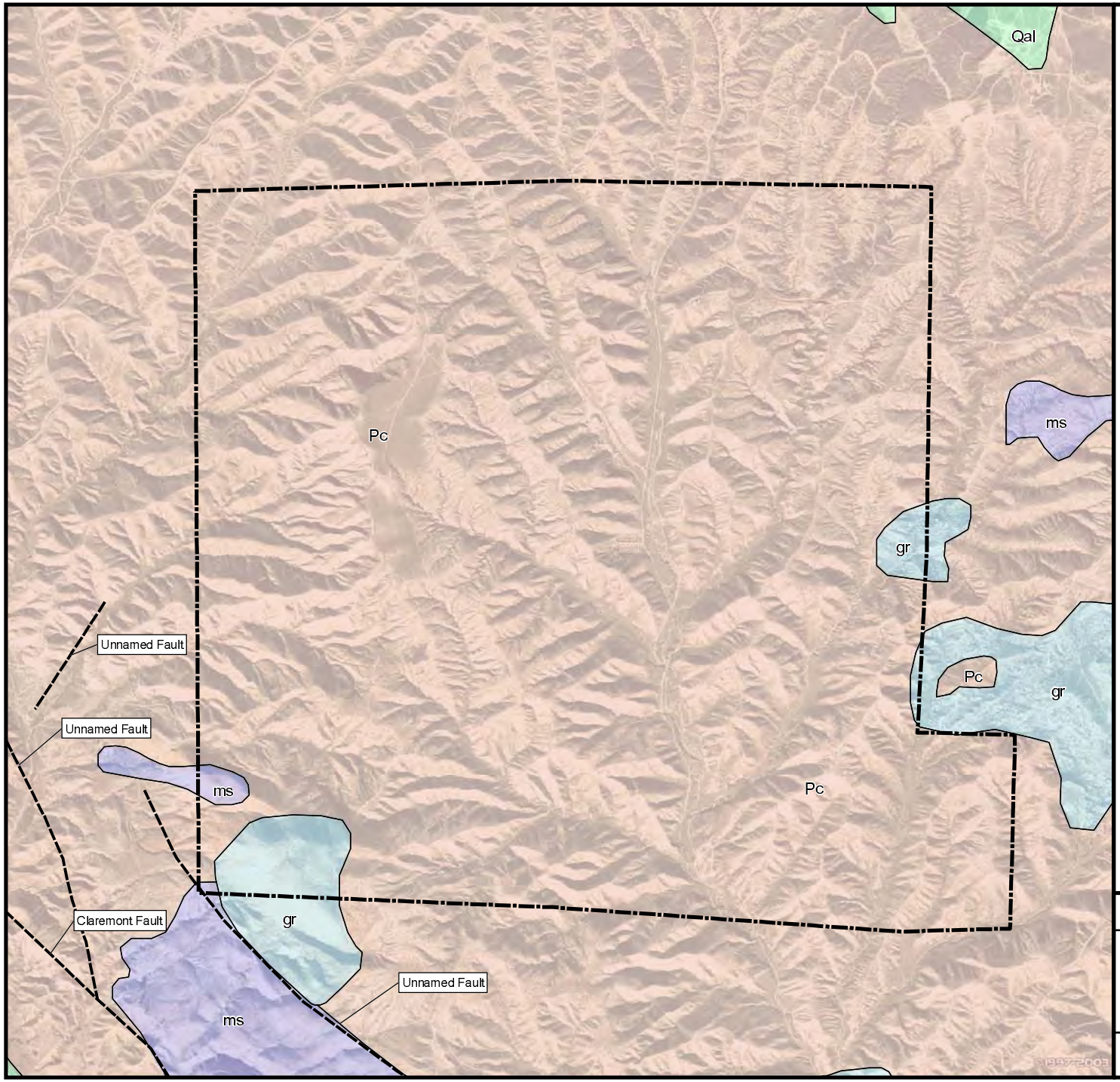
Beaumont Site 2

Figure 2-1

Physical Setting

Tetra Tech, Inc. December 2005

X:\GIS\LOCKHEED SITE 2 Q305\GEOLOGY.MXD



0 1,000 2,000 3,000 Feet

Adapted from:

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

LEGEND

LMC Property Boundary

Geology

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

Note: Beaumont Site 2 property boundary is approximate.

Beaumont Site 2

Figure 2-2

Regional Geology

Tetra Tech, Inc. December 2005

alluvium is present in canyons at the Site, the source of Figure 2-2 is a regional geologic map at a resolution that does not show such local details.

2.2.2 Local Geology

Findings from geologic studies conducted at the Site are consistent with the regional geologic mapping performed by Dibblee (1981). In general, there are two stratigraphic units present beneath the Site: the San Timoteo Formation (weathered and unweathered) and Quaternary alluvium. Based on soil borings results and groundwater data, unweathered portions of the San Timoteo Formation appear to act as a lower confining layer separating shallow groundwater in the Quaternary alluvium and weathered San Timoteo Formation from deeper groundwater zones. Based on the results of the seismic profiles performed, stratigraphy at the Site consists of:

- Unconsolidated alluvium (silt and sand);
- Slightly consolidated alluvium (silt and sand);
- Weathered San Timoteo Formation; and
- Competent San Timoteo Formation.

A geologic cross section location map is presented in Figure 2-3 and geologic cross sections through the Site are presented in Figures 2-4 and 2-5.

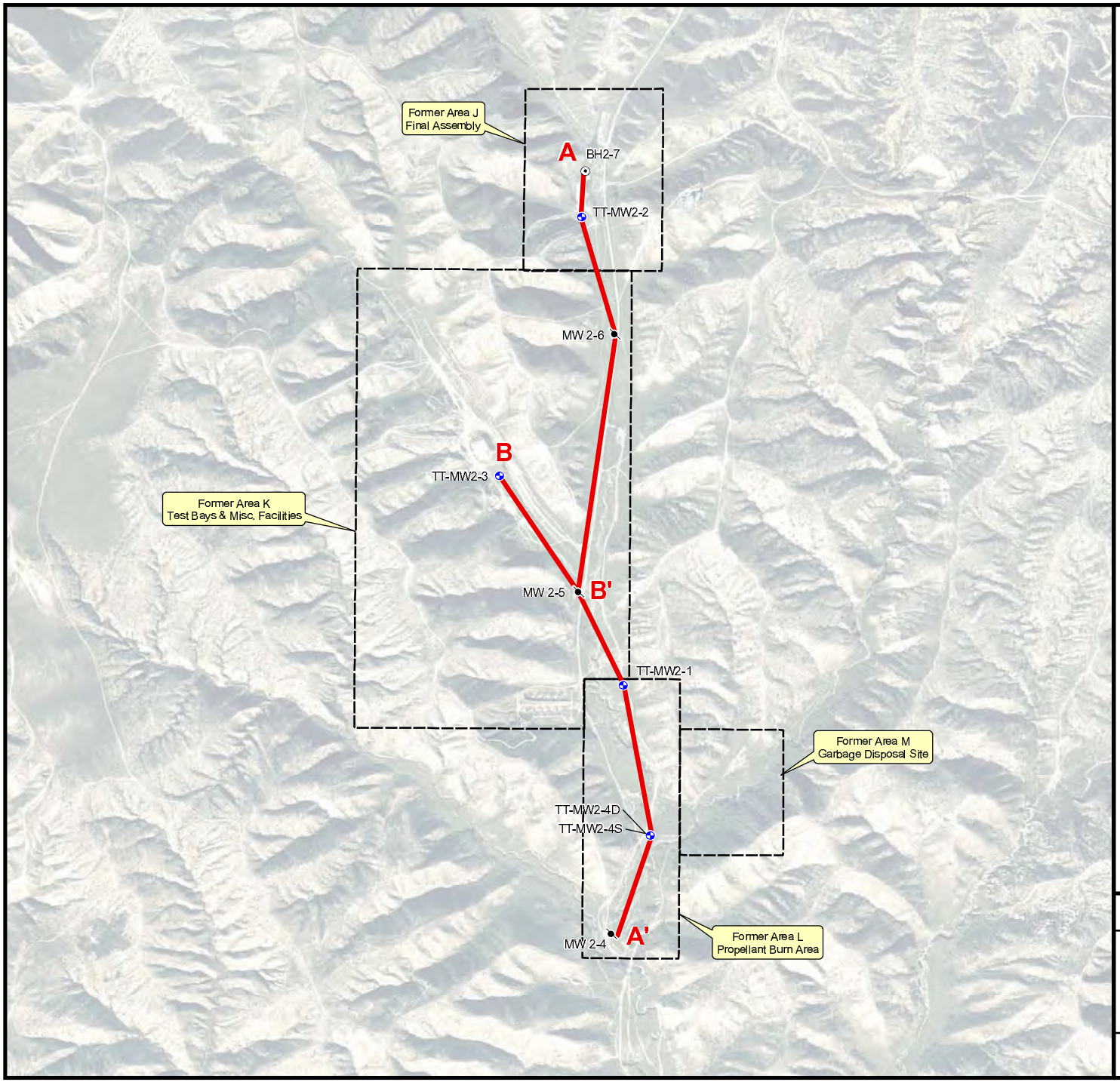
Faulting

Major faults within the region include the San Jacinto Fault, and associated branch faults that have been mapped near the southern end of the Site. 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 major faults (Figure 2-2).

Quaternary Alluvium

The Quaternary alluvium, primarily located within the confines of the Laborde Canyon valley, is derived from the weathering of the 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.

X:\GIS\LOCKHEED SITE 2 GW Q305\X_SEC.MXD



0 500 1,000 1,500 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

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

Note: BH2-7 location is approximate.

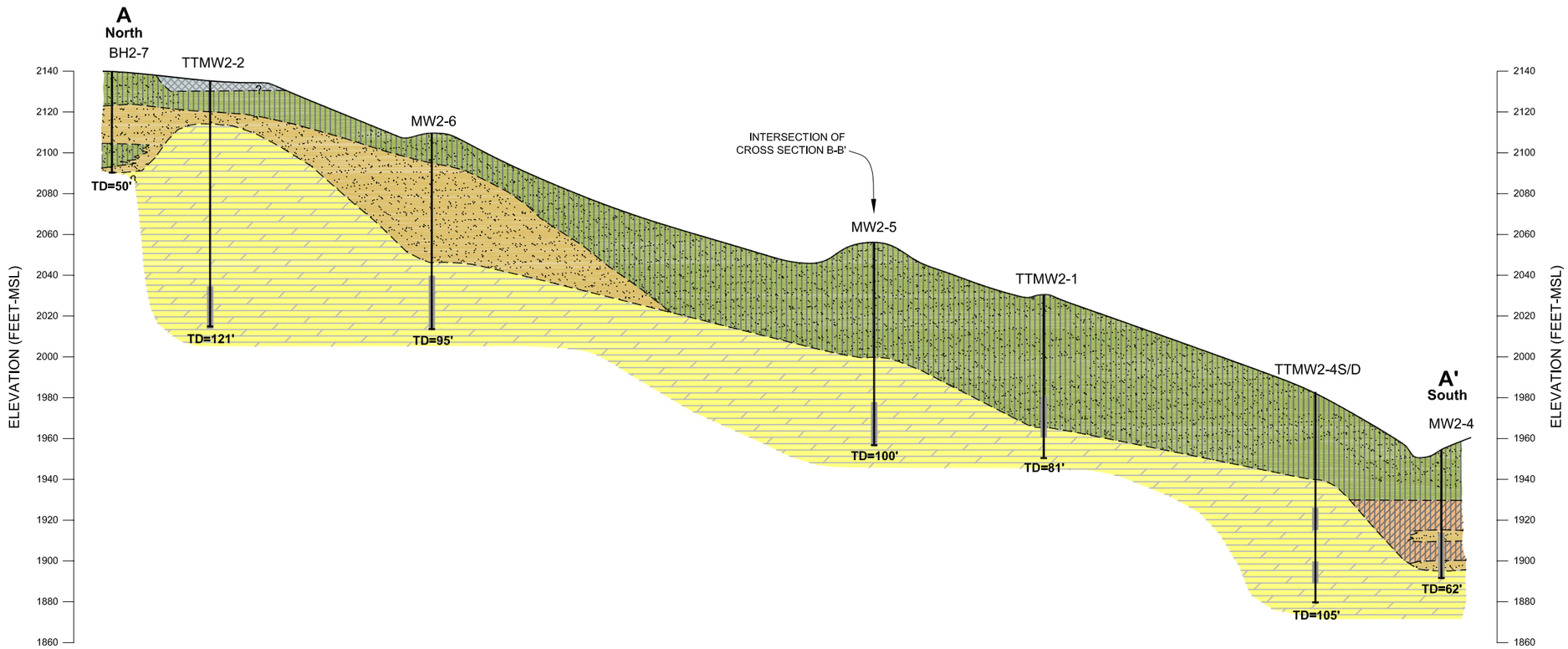
Beaumont Site 2

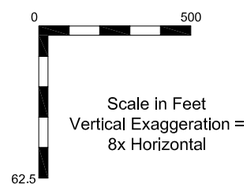
Figure 2-3

Cross Section Location Map

Tetra Tech, Inc. December 2005

X:\GIS\LOCKHEED SITE 2 GW 0305\X-SEC A-A.DWG





LEGEND

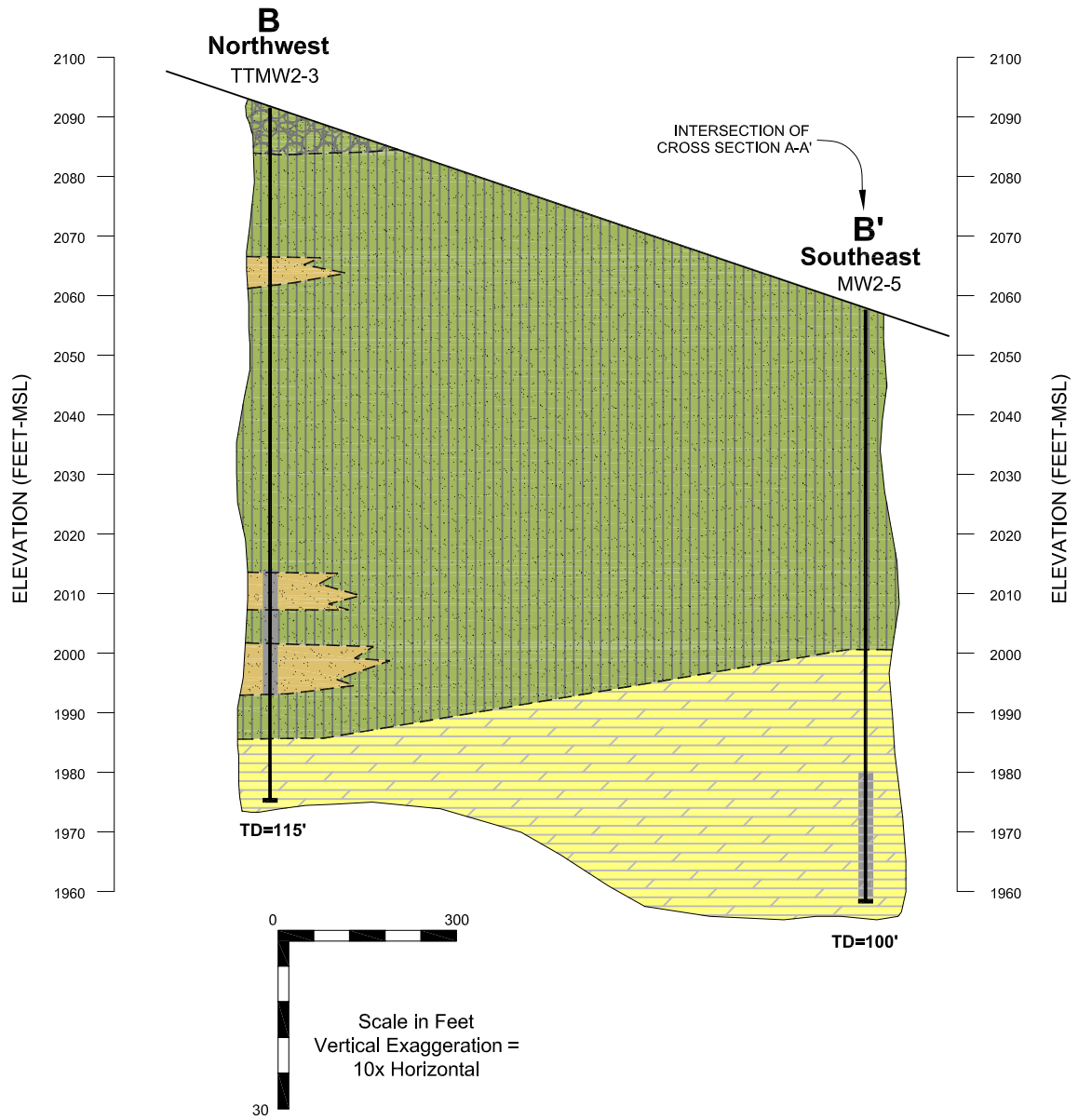
- Sand
- Silt, Silty Sand, Sand with Silt
- Clay, Silt/Clay, Silty Sand/Clay
- San Timoteo Formation (Siltstone, Sandstone with Silt and Clay)
- Artificial Fill
- Inferred Contact
- Well
- Screened Interval
- TD=62' Total Boring Depth (feet)

Beaumont Site 2

Figure 2-4
Geologic Cross Section A-A'

Tetra Tech, Inc. December 2005

X:\GIS\LOCKHEED SITE 2 GW Q305\X-SEC B-B.DWG



LEGEND

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

Beaumont Site 2

Figure 2-5
Geologic Cross Section B-B'

Tetra Tech, Inc. December 2005

San Timoteo

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

2.3 HYDROGEOLOGY

Groundwater at the Site is found primarily in the siltstones of the San Timoteo Formation, although these deposits yield only small quantities of water (Radian, 1986b). More recent investigations also suggest that groundwater is present just above the San Timoteo Formation as well. Recharge to groundwater through shallow alluvium occurs from direct infiltration of rainfall, and loss from surface drainage through the sides and bottoms of ephemeral stream channels. Based on the limited historical and recent groundwater levels measurements and topography, groundwater flow appears to follow the southward slope of the Laborde Canyon floor. All five (5) of the monitoring wells in the GMP were screened at "first observed water." Two (2) monitoring wells were screened in alluvial material (TT-MW2-1 and TT-MW2-3) and three (3) monitoring wells were screened in bedrock (TT-MW2-2, TT-MW2-4S and TT-MW2-4D). This indicates that there may be two or more hydrostratigraphic units (i.e., a hydrostratigraphic unit is a formation, part of a formation, or a group of formations in which there are similar hydrologic characteristics that allow for grouping into aquifers and associated confining layers (Domenico, et.al, 1990). Based on the information to date, two (2) hydrostratigraphic units have been identified at the Site, an alluvial/weathered bedrock unit and a bedrock unit.

2.4 DISTRIBUTION OF AFFECTED GROUNDWATER

Although perchlorate, TCE, bis-(2-ethylhexyl) phthalate, and arsenic have been detected in the groundwater at the Site, the arsenic appears to be naturally occurring (refer to Section 4.4.2) and the bis-(2-ethylhexyl) phthalate is a common laboratory or field contaminant. Bis-(2-ethylhexyl) phthalate was detected at low concentrations in a groundwater sample collected from well TT-MW2-3. No other SVOC was detected in this well or any other of the wells sampled during the September 2004 monitoring event. Phthalates are a very common plastizing agent used in plastics. It is ubiquitous in the environment and commonly detected as a field/laboratory contaminant. Although the results of the field and laboratory blanks analyzed during the September 2004 monitoring event did not report bis-(2-ethylhexyl) phthalate in the blanks, this can be explained by the inconsistent or random nature of the detection of this common field/laboratory contaminant. As an environmental contaminant, phthalates are primarily detected in soil

and groundwater associated with landfills. Well TT-MW2-3 is not associated with a landfill or down gradient of one. Detection of this compound at low concentrations as a single SVOC in an area not associated with a landfill supports that the detection of bis-(2-ethylhexyl) phthalate was a field/laboratory contaminant.

Based on the results of the groundwater monitoring performed at the Site, a list of chemicals of potential concern (COPC) was identified. Table 2-1 presents a list of those analytes detected in groundwater at the Site that are considered COPC and Table 2-2 presents a summary of groundwater analytical results for the COPC.

Table 2-1 Chemicals of Potential Concern
Beaumont Site 2

Analyte	Classification
Perchlorate	Primary
Trichloroethene	Secondary

2.4.1 Perchlorate

Concentrations of perchlorate have consistently been reported above the LRL in groundwater samples collected from the two (2) alluvial monitoring wells (TT-MW2-1 and TT-MW2-3). Perchlorate has not been reported above the LRL in groundwater samples collected from the remaining three (3) San Timoteo Formation monitoring wells (TT-MW2-2, TT-MW2-4S and TT-MW2-4D) sampled as part of the Site's GMP. Monitoring well TT-MW2-1 is located in Historical Operational Area L and TT-MW2-3 is located in Historical Operational Area K. The horizontal and vertical extent of perchlorate affected groundwater has not been fully assessed at this time.

2.4.2 Trichloroethene

Low concentrations of TCE have consistently been reported in groundwater samples collected from one (1) of the two (2) alluvial monitoring wells (TT-MW2-3). TCE has not been detected in any of the other groundwater samples collected from monitoring wells sampled as part of the Site's GMP. Monitoring well TT-MW2-3 is located in Historical Operational Area K. The horizontal and vertical extent of TCE-affected groundwater has not been fully assessed at this time.

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

Sample Location	Sample Date	Perchlorate (ug/L)	Trichloroethene (ug/L)
TT-MW2-1	09/27/04	**3,500**	ND
	02/16/05	**7,100**	ND
	07/08/05	**2,400**	ND
TT-MW2-2	09/27/04	ND	ND
	02/16/05	ND	ND
	07/07/05	ND	ND
TT-MW2-3	09/27/04	**1,300**	1.6
	02/16/05	**740**	1.2
	07/08/05	**53,000**	**7.0**
TT-MW2-4S	09/27/04	ND	ND
	02/16/05	ND	ND
	07/07/05	ND	ND
TT-MW2-4D	09/27/04	ND	ND
	02/16/05	ND	ND
	07/07/05	ND	ND
MCL (unless noted) / DWNL (ug/L)		**6.0 (1)**	**5**

Notes:

Bold - MCL or DWNL exceeded.
(1) - Drinking water notification level.
DWNL - California Department of Health Services drinking water notification level.
MCL - Maximum Contaminant Level.
ug/L - Micrograms per liter.
ND - Not detected at or above laboratory reporting limit.

3.0 – SUMMARY OF MONITORING ACTIVITIES

3.0 SUMMARY OF MONITORING ACTIVITIES

The following sections summarize the Third Quarter 2005 monitoring event conducted at the Site. The results from this monitoring event is discussed in Section 4.0.

3.1 GROUNDWATER LEVEL MEASUREMENTS

The Third Quarter 2005 GMP groundwater level measurements were collected from all five (5) of the monitoring wells on September 30, 2005. There were no dry wells. A summary of well construction details is presented in Table 3-1. Copies of the field data sheets from the water quality monitoring event are presented in Appendix B.

3.2 GROUNDWATER SAMPLING

The Third Quarter 2005 GMP groundwater samples were collected from all five (5) of the monitoring wells on September 30, 2005. Table 3-2 lists the wells monitored for the Third Quarter 2005 monitoring event, analytical methods, sampling dates, and Quality Assurance/Quality Control (QA/QC) samples collected. All proposed wells were sampled. Groundwater sampling, analytical, and QA/QC procedures for the monitoring event are described in the *Groundwater Monitoring Well Installation Work Plan* (Tetra Tech, 2004a). Figure 3-1 presents well locations sampled.

The following water quality field parameters were observed and recorded on field data sheets (Appendix B) during well purging activities: water level, temperature, pH, electrical conductivity (EC), turbidity, oxidation reduction potential, and dissolved oxygen. Purging was considered complete when at least one discharge hose volume had been removed and the above parameters had stabilized, or the well was purged dry (evacuated). Stabilization of water quality parameters was used as an indication that fresh formation water had entered the well and was being purged. The criteria for stabilization of these parameters are as follows: water level +/- 0.1 foot; temperature +/- 1 degree Centigrade; pH +/- 0.1 unit; and EC +/- 5%. Sampling instruments and equipment were maintained, calibrated, and operated in accordance with the manufacturer's specifications, guidelines, and recommendations. If a well was purged dry, the well was sampled with a disposable bailer after sufficient recharge had taken place to allow sample collection.

Groundwater samples were collected from wells TT-MW2-1 and TT-MW2-3 by low-flow purging and sampling through a variable flow submersible electric pump. Due to the relatively poor recharge rates at wells TT-MW2-2, TT-MW2-4S, and TT-MW2-4D, continuous purging could not be sustained and the wells were pumped dry before stabilization of the water quality parameters could be achieved. Once dry, the wells were allowed to recover for several hours prior to collecting a sample with a disposable bailer.

Table 3-1 Well Construction Summary Table
Beaumont Site 2

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

Notes:

" - " - No information.
ARCH - Air rotary casing hammer.
BGS - Below ground surface.
HSA - Hollow stem auger.
MSL - Mean sea level.
NA - Not applicable.
PVC - Polyvinyl Chloride.
QA - Quaternary alluvium.
SS - Stainless steel.
STF - San Timoteo Formation.
TOC - Top of casing.
TOS - Top of screen.

Table 3-2 Sampling Schedule - Third Quarter 2005
Beaumont Site 2

Monitoring Well Location	Sample Date	Sample Analysis (and Method)					Comments and QA / QC Samples
		VOCs (EPA 8260B)	Perchlorate (EPA 314.1)	Title 22 Metals - Total (1)	Title 22 Metals - Dissolved (1)	General Minerals (2)	
TT-MW2-1	09/30/05	X	X	X	X	X	MS / MSD sample
TT-MW2-2	09/30/05	X	X	X	X	X	
TT-MW2-3	09/30/05	X	X	X	X	X	Duplicate (TT-MW2-103)
TT-MW2-4S	09/30/05	X	X	X	X	X	
TT-MW2-4D	09/30/05	X	X	X	X	X	

Total Sample Locations:	5
Total Samples Collected:	5
Sample Locations Not Accessible:	0
Dry Sample Locations:	0

Notes:

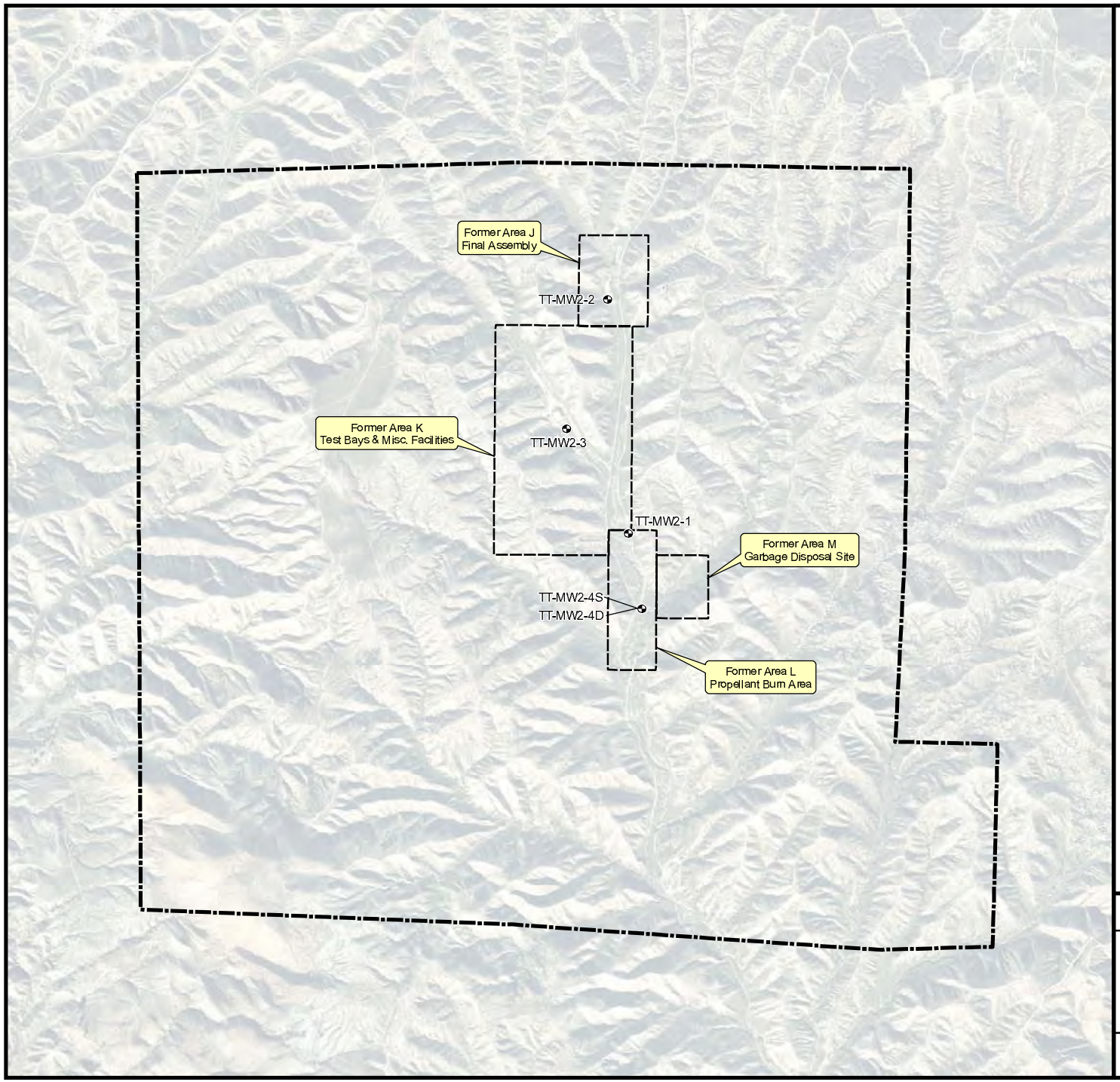
(1) - Samples analyzed by EPA 6010B and EPA 7470A.
(2) - Samples analyzed for Total Dissolved Solids, NO_3, SO_4, HCO_3, CO_3, Na, Ca, Cl, K, Mg.
VOCs - Volatile organic compounds.
EPA - United States Environmental Protection Agency.
QA / QC - Quality Assurance / Quality Control.
MS / MSD - Matrix Spike / Matrix Spike Duplicate.

For the monitoring event, water samples were collected in order of decreasing volatilization potential and placed in appropriate containers. A sample identification label was affixed to each sample container and sample custody was maintained by a chain-of-custody record. Collected samples were chilled and transported to Calscience Environmental Laboratories, Inc. (Garden Grove, California), a state-accredited analytical laboratory, via courier, thus maintaining proper temperatures and sample integrity. Trip blanks (LTBs) and equipment blanks (LEBs) were collected to assess cross-contamination potential of water samples while in transit and/or via sampling equipment. One (1) LTBs and two (2) LEBs were collected during the Third Quarter 2005 monitoring event and these results were reviewed for the presence of cross-contaminants. If cross-contaminants were detected in the Quality Control (QC) blanks, the results were compared to the associated water samples and the water sample results were qualified, where appropriate.

The analyses of samples were conducted under approved EPA methods. Since the analytical data were obtained by following EPA-approved method criteria, the data were evaluated by using the EPA-approved validation methods described in the *National Functional Guidelines* (EPA, 1999 and EPA, 2004). The *National Functional Guidelines* contain instructions on method-required quality control parameters and on how to interpreter these parameters to confer validation to environmental data results.

Control parameters used in validating data results include evaluating control limits on QC samples. These QC samples involved are laboratory control samples, method blank samples, duplicate samples,

X:\GIS\LOCKHEED SITE 2 GE Q305\SAMP_LOC.MXD



N

0 1,000 2,000 3,000 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

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

Note: Beaumont Site 2 property boundary is approximate.

Beaumont Site 2

Figure 3-1
Third Quarter 2005
Sample Locations

Tetra Tech, Inc. December 2005

spiked samples, and digestion samples. Surrogate and other spike recoveries also qualify environmental data.

3.3 REDEVELOPMENT OF SITE MONITORING WELLS

Between September 21, 2005 and September 22, 2005 Berchtold Water Well Service (Riverside, California) redeveloped monitoring wells TT-MW2-1, TT-MW2-2, TT-MW2-3, TT-MW2-4S and TT-MW2-4D using a combination of swabbing, bailing and pumping. The volumes purged from wells TT-MW2-1, TT-MW2-2, TT-MW2-3, TT-MW2-4S and TT-MW2-4D were 125, 85, 187, 23 and 58 gallons respectively. Copies of the well development field data sheets are presented in Appendix B.

3.4 HABITAT CONSERVATION

Consistent with the U.S. Fish and Wildlife Service approved Habitat Conservation Plan (USFWS, 2005) describing "No Affect" 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 "No Affect" agreement.

4.0 – GROUNDWATER MONITORING RESULTS

4.0 GROUNDWATER MONITORING RESULTS

The results of the Third Quarter 2005 monitoring event are presented in the following subsections. This section includes tabulated summaries of the groundwater elevation and water quality data collected, a groundwater elevation map, and an analyte results figure.

4.1 GROUNDWATER ELEVATION

Groundwater elevations for wells monitored for the Third Quarter 2005 monitoring event are shown on Figure 4-1, a tabulated summary of groundwater elevations is presented in Table 4-1, and hydrographs for individual wells are presented in Appendix D.

Table 4-1 Groundwater Elevation Data - Third Quarter 2005
Beaumont Site 2

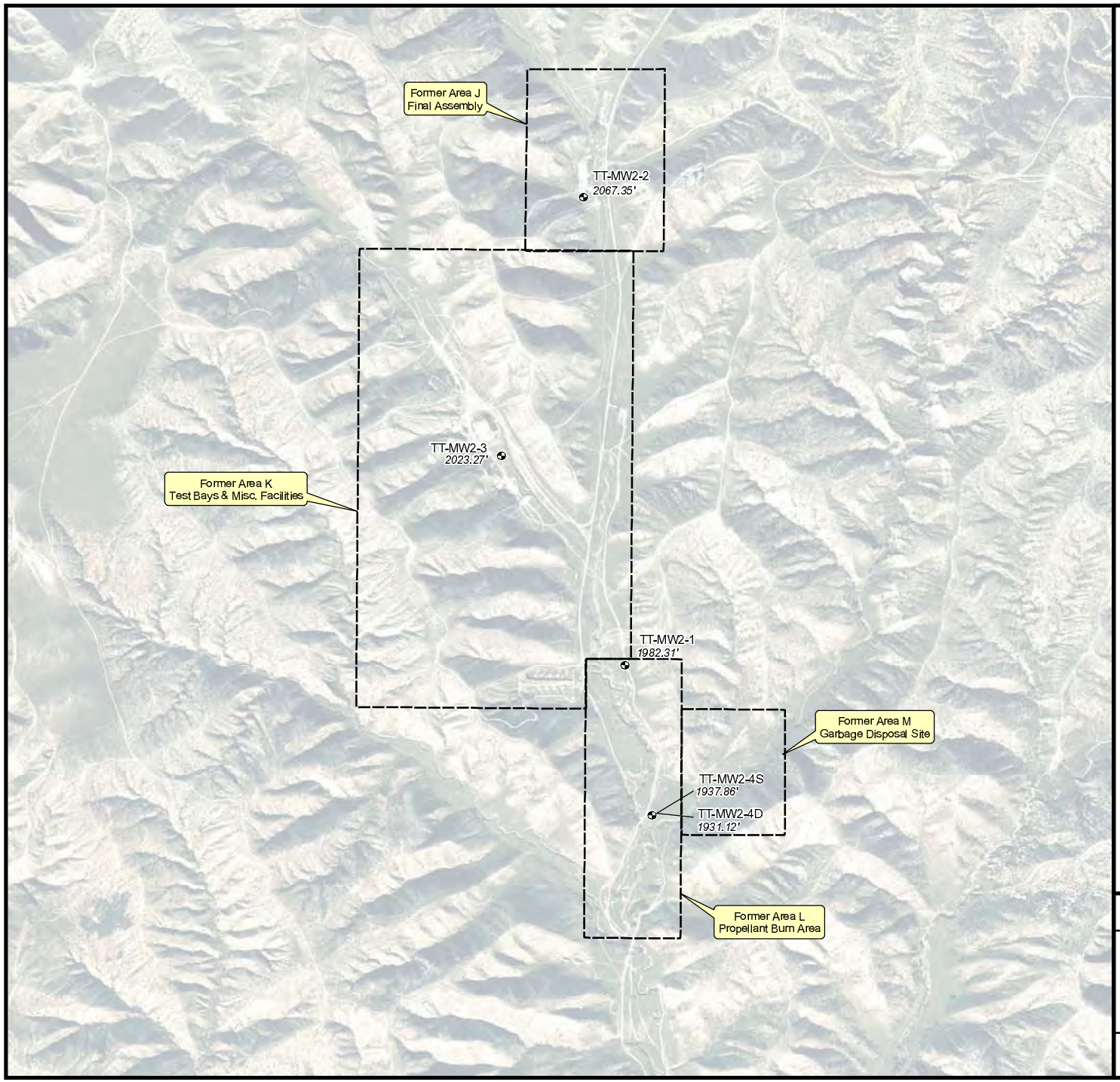
Well ID	Date Measured	Measuring Point Elevation (feet above msl)	Depth to Water (from Measuring Point, feet)	Groundwater Elevation (feet above msl)	HSU Screened
TT-MW2-1	09/21/05	2035.21	52.90	1982.31	QAL
TT-MW2-2	09/21/05	2135.73	68.38	2067.35	STF
TT-MW2-3	09/22/05	2092.10	68.83	2023.27	QAL
TT-MW2-4S	09/21/05	1986.94	49.08	1937.86	STF
TT-MW2-4D	09/21/05	1987.16	56.04	1931.12	STF

Notes:
HSU - Hydrostratigraphic Unit.
msl - Mean sea level.
QAL - Quaternary alluvium.
STF - San Timoteo Formation.

In comparison to Second Quarter 2005, groundwater elevations increased in one of the alluvial monitoring wells (TT-MW2-3, 0.09 feet) and decreased in the other alluvial completed well (TT-MW2-1, 0.72 feet). For the three wells screened in the San Timoteo Formation, groundwater elevations increased 0.42 feet (TT-MW2-2), and decreased 0.24 feet (TT-MW2-4S) and 0.21 feet (TT-MW2-4D). During the Third Quarter 2005 monitoring event, depth to water was approximately 66 feet bgs (elevation of 2,067 feet above msl) in the northern and central portions of the Site (as measured in TT-MW2-2) and approximately 47 feet bgs (elevation of 1,938 feet above msl) in the southern portion of the Site (as measured in TT-MW2-4S).

Groundwater levels in individual wells have remained relatively stable in the four (4) quarters that groundwater elevation data has been collected (Figure 4-2). The single exception is a 21-foot increase in the water level of TT-MW2-4D between September 2004 and February 2005. The cause of this comparatively large increase is unknown, but the initial data point could be erroneous.

X:\GIS\LOCKHEED SITE 2 GW Q305\GW_Q305.MXD



0 500 1,000 1,500 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

- Well Location
- Historical Operational Area Boundary

Note: Lockheed property boundary is approximate.
10-foot contour interval.

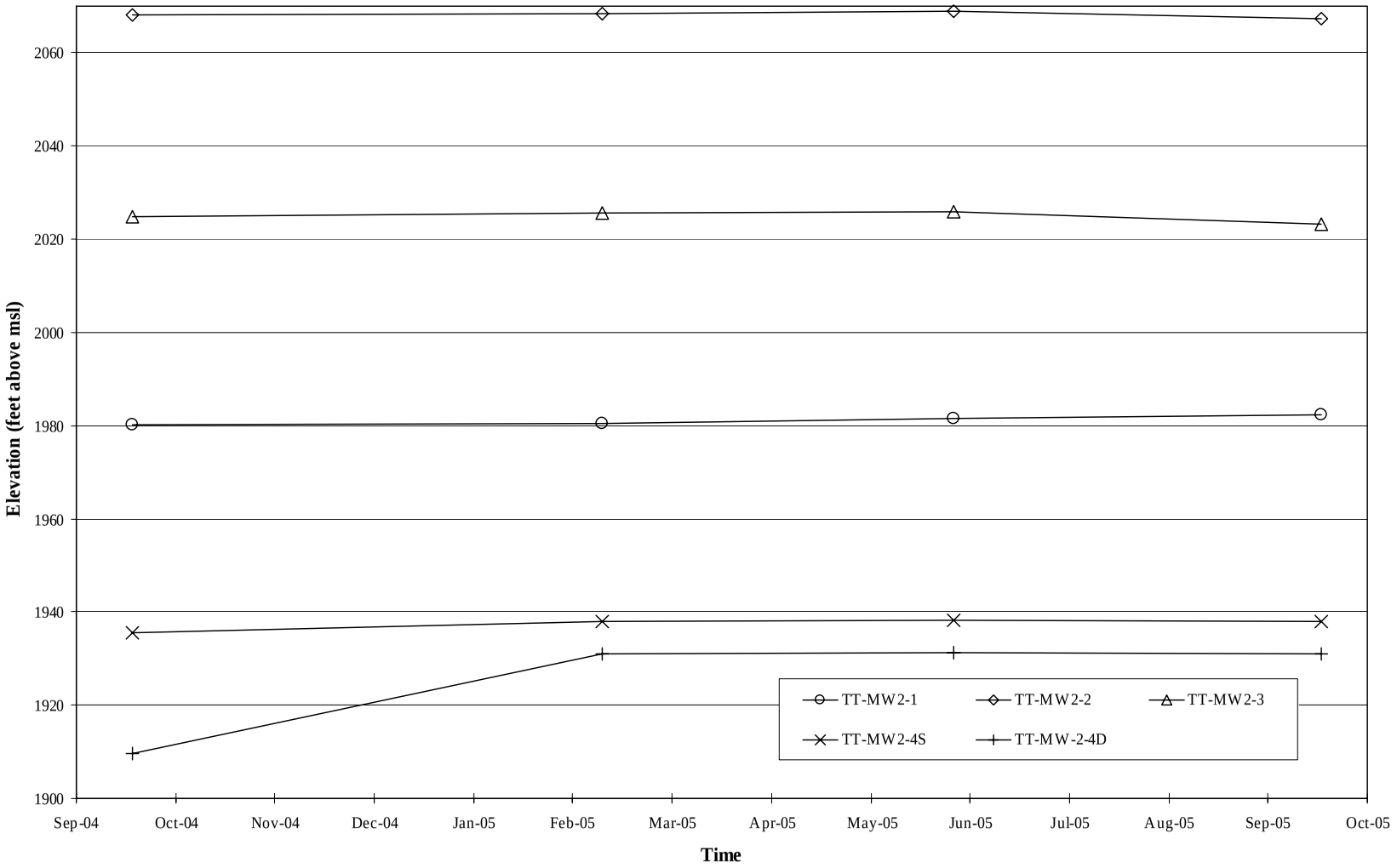
Beaumont Site 2

Figure 4-1

September 2005, Third Quarter Groundwater Elevations

Tetra Tech, Inc. December 2005

Figure 4-2 Groundwater Elevation vs. Time
Beaumont Site 2



Based on the available data, groundwater elevations at the Site do not appear to change significantly with the seasons. Sufficient data are not available at this time to evaluate long term trends in groundwater elevation at the Site.

4.2 GROUNDWATER FLOW DIRECTION

Although only limited groundwater elevation data are available, based on groundwater elevations and the southward sloping topography at the Site, groundwater flow appears to generally follow the southward sloping topography of Laborde Canyon. This pattern is consistent with that observed in a previous hydrogeologic study of the area (Radian, 1992b). But as discussed above, the data are limited at this time. The groundwater flow pattern will be refined as additional data are acquired on the hydrogeologic system that exists beneath the Site.

4.3 ANALYTICAL DATA SUMMARY

Groundwater samples collected during the Third Quarter 2005 monitoring event were tested for VOCs, metals, general minerals, and perchlorate. VOCs, perchlorate, and metals are potential contaminants of interest at the Site. The general minerals analyses were performed to help evaluate different hydrostratigraphic units. Summaries of validated laboratory analytical results for analytes detected above their respective LRLs during the monitoring event are presented in Tables 4-2, 4-3, and 4-4. A complete list of the analytes tested, along with validated sample results by analytical method, is provided in Appendix C. VOC, perchlorate, and metal sample results detected above the published MCL (federal or state, whichever is lower) or DWNL are bolded in Tables 4-2 and 4-3. Figure 4-3 presents groundwater sampling analytical results for perchlorate and TCE concentrations reported for the Third Quarter 2005 monitoring event. Time-series graphs of perchlorate and TCE are provided in Appendix E. 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 CHEMICALS OF POTENTIAL CONCERN

Identification of COPC is an ongoing process that will be conducted routinely to determine if the list of previously identified COPC still meets the objectives of the GMP and regulatory requirements. The purpose for identifying COPC is to establish a list of analytes that best represent the extent and magnitude of the affected groundwater and to focus more detailed analysis on those analytes. Every analytical method has a standard list of tested target compounds and by reducing the number of target compounds for a given analytical method, the volume of data generated can also be reduced. If

Table 4-2 Summary of Detected Organic Analytes - Third Quarter 2005
Beaumont Site 2

Sample Location	Sample Date	Trichloroethene (TCE) (ug/L)
TT-MW2-1	09/30/05	ND
TT-MW2-2	09/30/05	ND
TT-MW2-3	09/30/05	**5.6**
TT-MW2-4S	09/30/05	ND
TT-MW2-4D	09/30/05	ND
	Laboratory Reporting Limit (ug/L)	1.0
	Maximum Contaminant Level (ug/L)	**5.0**

Notes:
Bold - Maximum Contaminant Level exceeded.
ND - Not detected at or above reporting limit.
ug/L - Micrograms per liter.

sufficient historical analytical data are available, analytes that have not been detected, common laboratory and field contaminants, spurious or randomly detected analytes, and analytes associated with chlorinated potable water, can be removed from the list of target compounds.

An evaluation of COPC based on the results of the Third Quarter 2005 monitoring event was performed. The results were screened against the MCLs or DWNLs (if an MCL is not established). The analytes were organized and evaluated in two groups, organic and inorganic analytes, and divided into primary and secondary COPC. Table 4-5 presents a summary of organic and inorganic analytes detected during the Third Quarter 2005 monitoring event. Laboratory analytical results from the Third Quarter 2005 monitoring event are presented in the following two subsections.

4.4.1 Organic Analytes

TCE was the only VOC reported in groundwater samples collected (Table 4-2). TCE was detected in a groundwater sample collected from alluvial screened monitoring well TT-MW2-3 at 5.6 µg/L, above its respective MCL of 5.0 µg/L. 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. Based on the limited and low TCE concentrations reported in groundwater samples collected from the Site, TCE is regarded as a secondary COPC. However, the distribution and concentration of TCE reported in groundwater samples collected will continue to be monitored and its COPC status evaluated.

Table 4-3 Summary of Detected Inorganic Analytes (Perchlorate and Title 22, Total and Dissolved Metal Concentrations) - Third Quarter 2005
Beaumont Site 2

Sample Location	Sample Date	Perchlorate (ug/L)	Total Metals Antimony (mg/L)	Arsenic (mg/L)	Barium (mg/L)	Beryllium (mg/L)	Chromium (mg/L)	Cobalt (mg/L)	Copper (mg/L)	Lead (mg/L)	Molybdenum (mg/L)	Nickel (mg/L)	Selenium (mg/L0	Vanadium (mg/L)	Zinc (mg/L)
TT-MW2-1	09/30/05	**3,000 (2)**	ND	ND	0.133	ND	0.0055	ND	0.0060	ND	ND	ND	ND	0.0052	0.0149 (B)
TT-MW2-2	09/30/05	ND	ND	ND	0.0128	ND	ND	ND	ND	ND	ND	ND	ND	0.0107	0.0134
TT-MW2-3	09/30/05	**68,000 (2)**	ND	ND	0.120	ND	0.0056	ND	0.0051	ND	ND	ND	0.0151	0.0051	0.0168 (B)
TT-MW2-4S	09/30/05	2.1	**0.0932**	ND	**1.87**	**0.0118**	**0.296**	0.123	0.287	**0.127**	ND	**0.229**	ND	0.629	0.795
TT-MW2-4D	09/30/05	ND	ND	**0.0569**	0.059	ND	0.0115	0.00522	0.0142	ND	0.0111	0.0096	ND	0.137	0.0320
			Dissolved Metals												
TT-MW2-1	09/30/05	NA	ND	ND	0.125	ND	0.00506	ND	ND	ND	ND	ND	ND	ND	0.0125
TT-MW2-2	09/30/05	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0134	ND
TT-MW2-3	09/30/05	NA	ND	ND	0.104	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TT-MW2-4S	09/30/05	NA	ND	0.0430	ND	ND	ND	ND	ND	ND	0.00971	ND	ND	0.124	ND
TT-MW2-4D	09/30/05	NA	ND	**0.0823**	ND	ND	ND	ND	ND	ND	0.00989	ND	ND	0.127	ND
Laboratory Reporting Limit		2.0	0.0150	0.0100	0.0100	0.00100	0.00500	0.00500	0.00500	0.0100	0.00500	0.00500	0.0150	0.00500	0.0100
MCL (unless noted) / DWNL		**6 (1)**	**0.006**	**0.05**	**1**	**0.004**	**0.05**	-	**1 (1)**	**0.015**	-	**0.1**	**0.05**	-	**5 (1)**

Notes:

Bold - MCL or DWNL exceeded.
" - " - MCL or DWNL not established.
(1) - Drinking water notification level.
(2) - Elevated laboratory reporting limit.
(B) - The sample result is less than five (5) times the blank concentration. The result qualified for blank concentration 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.
MCL - Maximum Contaminant Level.
NA - Not analyzed.
ND - Not detected at or above reporting limit
ug/L - Micrograms per liter.
mg/L - Milligrams per liter.

Table 4-4 Summary of General Mineral Concentrations (1) - Third Quarter 2005
Beaumont Site 2

Sample Location	Sample Date	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Sodium (mg/)	Total Dissolved Solids (mg/L)	Chloride (mg/L)	Nitrate (mg/L) (2)	Sulfate (mg/L)	Bicarbonate (mg/L) (3)	Carbonate (mg/L) (3)
TT-MW2-1	09/30/05	62.0	11.1	2.42	169	640	160 (4)	8.7	44	180	ND
TT-MW2-2	09/30/05	7.48	1.07	0.813	110	290	47 (4)	ND	39	130	4.0
TT-MW2-3	09/30/05	87.3	13.8	3.46	187	720	290 (4)	12	51	86	ND
TT-MW2-4S	09/30/05	157	102	42.2	120	310	36 (4)	0.38	51	100	8.0
TT-MW2-4D	09/30/05	6.84	4.18	2.58	65.4	260	22 (4)	ND	32	46	24
Reporting Limit (mg/L)		0.100	0.100	0.500	0.500	1.0	1.0	0.10	1.0	1.0	1.0

Notes:

(1) - General mineral concentration results are from unfiltered samples.

(2) - As nitrogen (N).

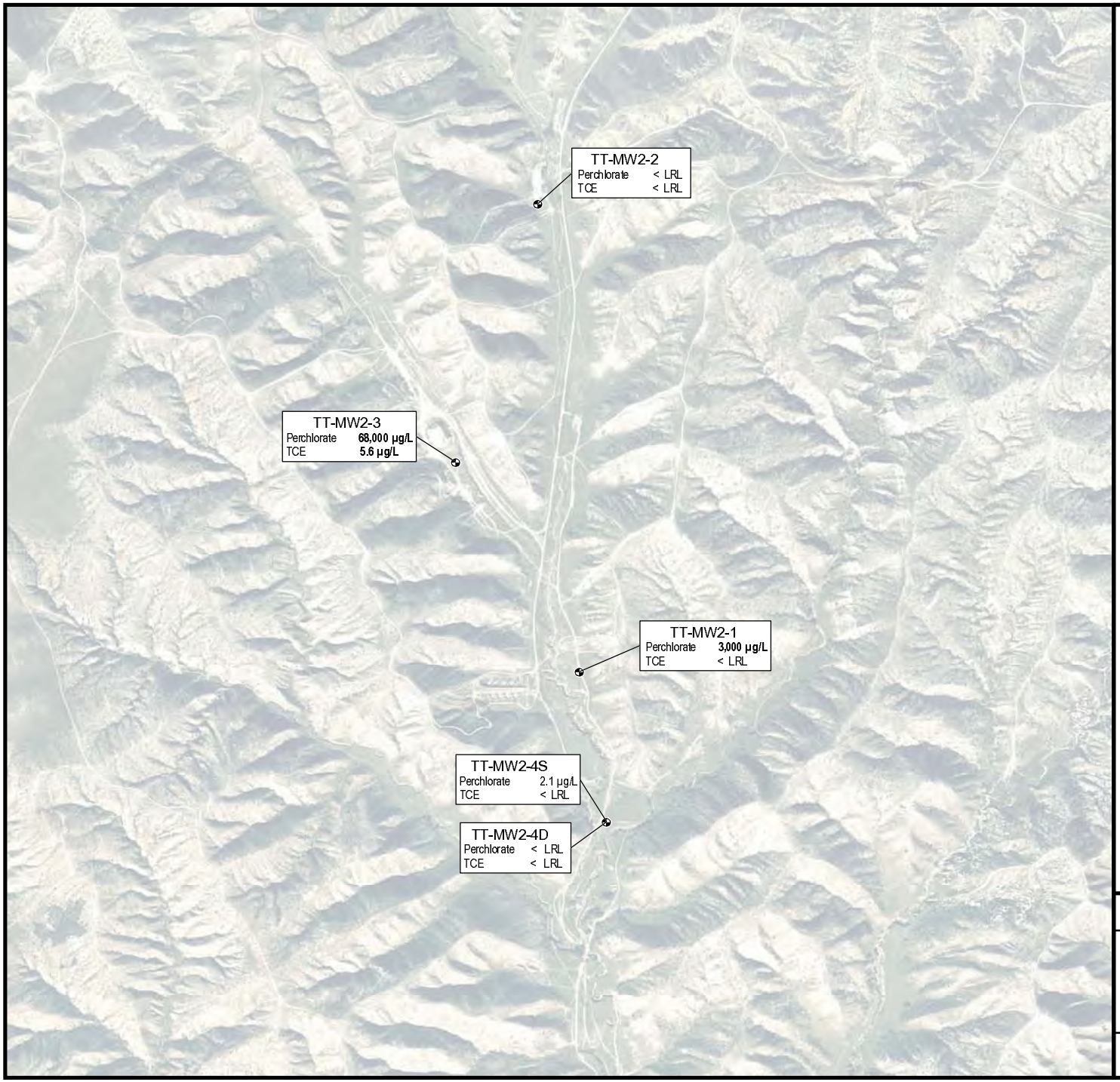
(3) - As calcium carbonate (CaCO3).

(4) - Elevated laboratory reporting limit.

ND - Not detected at or above reporting limit.

mg/L - Milligrams per liter.

X:\GIS\LOCKHEED SITE 2 GW Q305\ANALYTE.MXD



0 500 1,000 1,500 Feet

Adapted from: February 2002 aerial photograph.

LEGEND

- Sampled Well
- LRL — Compound was not detected above Laboratory Reporting Limit (LRL)

Note: Bold indicates corresponding MCL or DWNL exceeded.

Beaumont Site 2

Figure 4-3
Perchlorate and TCE Concentrations (µg/L) Third Quarter 2005

Tetra Tech, Inc. December 2005

Table 4-5 Summary Statistics of Organic and Inorganic Analytes Detected (Excluding General Minerals) - Third Quarter 2005

Beaumont Site 2

Organic Analytes Detected	Total Number of Samples Analyzed (1)	Total Number of Detections (1)	Number of Detections Exceeding MCL or DWNL (1)	Corresponding MCL (unless noted) / DWNL	Minimum Concentration Detected	Maximum Concentration Detected
Trichloroethene	5	1	1	**5.0 µg/L**	**5.6 µg/L**	**5.6 µg/L**
Inorganic Analytes Detected (3)	**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**
Perchlorate	5	3	2	**6 µg/L (2)**	**2.1 µg/L**	**68,000 µg/L**
Antimony	5	1	1	**0.006 mg/L**	**0.0932 mg/L**	**0.0932 mg/L**
Arsenic	5	1	1	**0.05 mg/L**	**0.0569 mg/L**	**0.0569 mg/L**
Barium	5	5	1	**1 mg/L**	0.0128 mg/L	**1.87 mg/L**
Beryllium	5	1	1	**0.004 mg/L**	**0.0118 mg/L**	**0.0118 mg/L**
Chromium	5	4	1	**0.05 mg/L**	0.0055 mg/L	**0.296 mg/L**
Cobalt	5	2	0	-	0.00522 mg/L	0.123 mg/L
Copper	5	4	0	**1 mg/L (2)**	0.0051 mg/L	0.287 mg/L
Lead	5	1	1	**0.015 mg/L**	**0.127 mg/L**	**0.127 mg/L**
Molybdenum	5	1	0	-	0.0111 mg/L	0.0111 mg/L
Nickel	5	2	1	**0.1 mg/L**	0.0096 mg/L	**0.229 mg/L**
Selenium	5	1	0	**0.05 mg/L**	0.0151 mg/L	0.0151 mg/L
Vanadium	5	5	0	-	0.0051 mg/L	0.629 mg/L
Zinc	5 (4)	3	0	**5 mg/L**	0.0134 mg/L	0.795 mg/L

Notes:

Bold - MCL or California Department of Health Services state drinking water notification level exceeded.
" - " - MCL or California Department of Health Services state drinking water notification level not established.
(1) - Number of detections exclude sample duplicates, trip blanks and equipment blanks.
(2) - California Department of Health Services state drinking water notification level.
(3) - Unfiltered results are utilized for Title 22 metals.
(4) - Samples with detected blank concentrations are not included in summary analysis, see subsection 4.6.
DWNL - California Department of Health Services state drinking water notification level.
MCL - Maximum Contaminant Level.
mg/L - Milligrams per liter.
µg/L - Micrograms per liter.

4.4.2 Inorganic Analytes

Metals, as total and dissolved, were reported at relatively low concentrations in groundwater samples collected during the Third Quarter 2005 monitoring event (Table 4-3), with one exception. Arsenic, barium, beryllium, chromium, lead and nickel were reported above their respective MCLs in groundwater samples collected from the TT-MW2-4S/D well nest. Arsenic was reported above its respective MCL in filtered and unfiltered groundwater samples collected from TT-MW2-4D. Barium,

beryllium, chromium, lead and nickel were reported above their respective MCLs in an unfiltered groundwater sample collected from TT-MW2-4S. This nested pair of wells is screened in the bedrock hydrostratigraphic unit, a different hydrostratigraphic unit from the alluvial screened TT-MW2-1 and TT-MW2-3 wells. Arsenic has not been reported in groundwater samples collected from the alluvial screened wells. Also, total metal results for TT-MW2-4S appear inconsistent with past results, arsenic has historically been detected in samples collected from this well and was not detected but several other metals were detected.

The concentrations of arsenic reported in groundwater samples collected are believed to result from naturally occurring arsenic and not a result of former Site operations and the other metals detected above the MCL are suspect. At this time, the metals (including arsenic), therefore, are considered neither primary nor secondary COPC at the Site. Metals will continue to be included in the testing performed at the Site and will continue to be evaluated as additional monitoring points are added to the network. A further discussion of the general minerals and the hydrostratigraphic units is presented in Section 4.4.6.

Table 4-3 presents a summary of perchlorate concentrations reported in groundwater samples collected during the Third Quarter 2005 monitoring event. Based on concentrations and distribution of perchlorate reported in groundwater samples collected from the Site and concentrations reported from previous groundwater monitoring events (Tetra Tech, 2005), perchlorate has been retained as a primary COPC at the Site.

4.4.3 Chemicals of Potential Concern Conclusions

Based on the results of groundwater monitoring performed at the Site to date, perchlorate has been identified as a primary COPC and TCE has been identified as a secondary COPC. Based on the results of water quality monitoring and the screening of those results against the existing MCLs or DWNLs (if an MCL was not established), no additional COPC were identified, nor was there evidence to remove an analyte from the list of COPC.

4.4.4 Perchlorate

Perchlorate was reported in three (3) groundwater samples collected during the Third Quarter 2005 monitoring event, at concentrations of 2.1, 3,000 and 68,000 µg/L, of which two (2) groundwater samples collected exceed the perchlorate DWNL of 6 µg/L. During this event, the highest concentration of perchlorate was detected in a groundwater sample collected from monitoring well TT-

MW2-3, located in the Historical Operational Area K. Perchlorate was also detected in groundwater samples collected from well TT-MW2-1 and TT-MW2-4S, located in Historical Operational Area L.

Perchlorate concentrations in groundwater samples collected from TT-MW2-3 increased to 68,000 µg/L from 53,000 µg/L, increased in TT-MW2-1 to 3,000 µg/L from 2,400 µg/L and increased from not detected above the LRL to 2.1 µg/L since the last quarterly monitoring event. The highest concentrations of perchlorate were detected in groundwater samples collected from wells screened in the alluvium (i.e, TT-MW2-1 and TT-MW2-3). Although limited in duration, time-series graphs of perchlorate are provided in Appendix E. Sufficient data is not available at this time to evaluate seasonal or long term trends in perchlorate groundwater concentrations at the Site.

4.4.5 Trichloroethene

TCE was reported in one (1) groundwater sample collected during the Third Quarter 2005 monitoring event at a concentration of 5.6 µg/L, which exceeds the TCE MCL of 5 µg/L. TCE was detected in the groundwater sample collected from monitoring well TT-MW2-3, located in Historical Operational Area K. Monitoring well TT-MW2-3 is screened in alluvium. The concentrations of TCE in the groundwater sample collected from TT-MW2-3 decreased to 5.6 µg/L from 7.0 µg/L since the last quarterly monitoring event. TCE was not reported in any of the other wells sampled. Although limited in duration, time-series graphs of TCE are provided in Appendix E. Sufficient data are not available at this time to evaluate seasonal or long term trends in TCE groundwater concentrations at the Site.

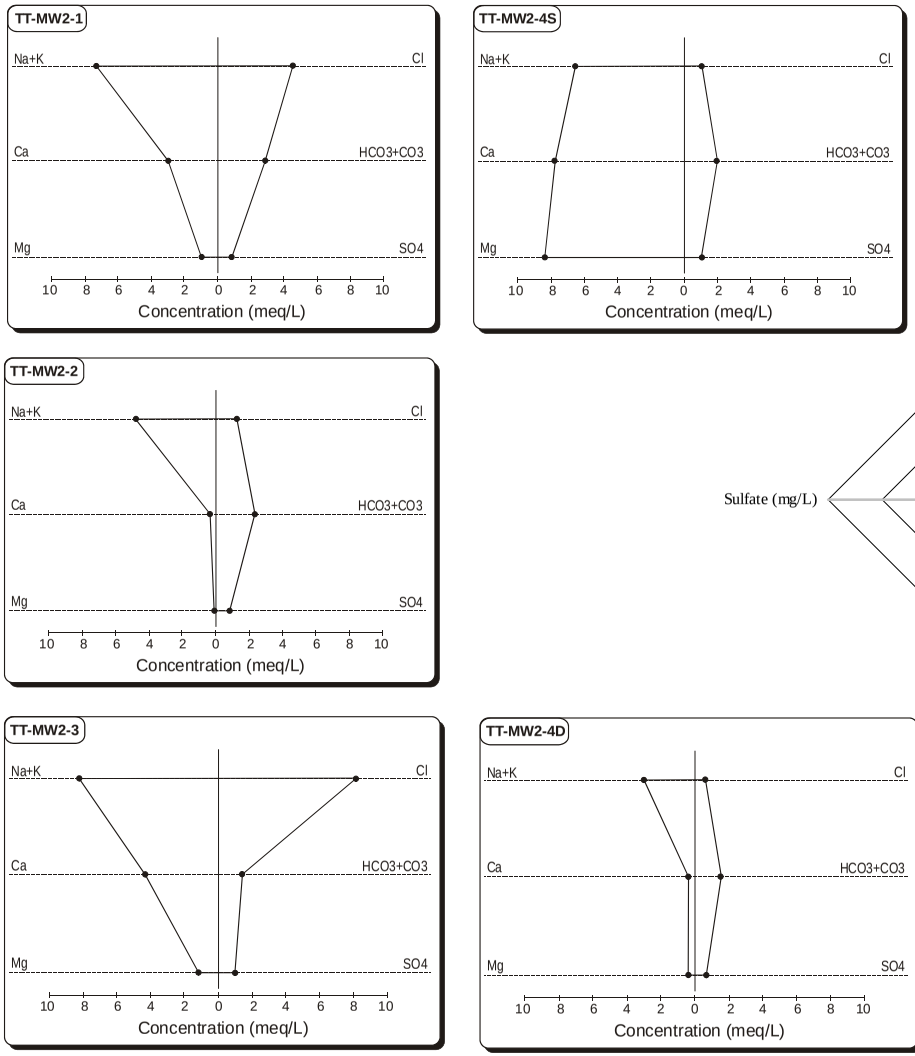
4.5 GENERAL MINERALS

Groundwater samples were also collected for general mineral analysis (Table 4-4) to help identify possibly different hydrogeologic regimes between monitoring wells TT-MW2-1, TT-MW2-2 and TT-MW2-3; and the TT-MW2-4S/4D group. Taking into consideration the suspect data reported for TT-MW2-4S, the wells completed in the bedrock, TT-MW2-2 and TT-MW2-4S/4D, appear to have a similar hydrogeochemical signature (Figure 4-4). Although not as consistent as the signature for the bedrock wells, the wells completed in the alluvium also have a similar signature. Sodium, chloride, nitrate, and, therefore, total dissolved solids are all detected at higher concentrations in the wells completed in the alluvium; and carbonate is higher in the wells completed in the bedrock. Based on these analyses, it appears that TT-MW2-2, TT-MW2-4S, and TT-MW2-4D are likely screened in a different hydrostratigraphic unit than wells TT-MW-2-1, and TT-MW2-3.

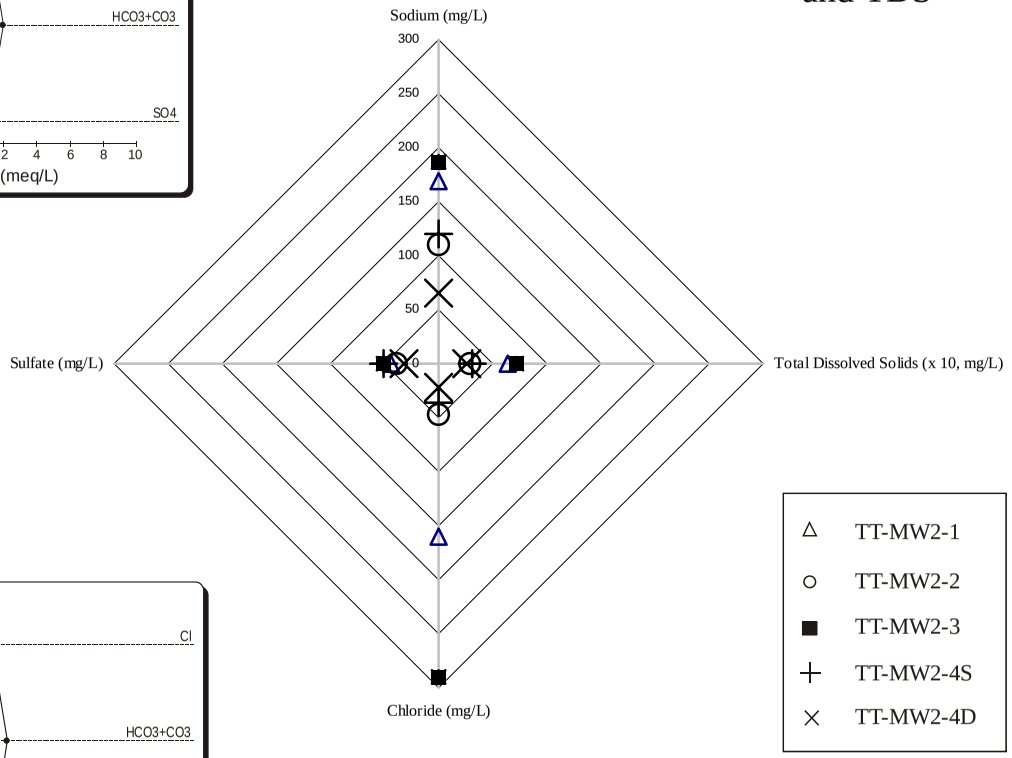
Figure 4-4 Distribution of General Minerals – Third Quarter 2005

Beaumont Site 2

Stiff Diagrams



Radar Chart of Selected General Minerals and TDS



4.6 DATA REVIEW

There was one data package (05-09-1857) that contained all data results for this data review. The data was reviewed using the latest versions of the *National Functional Guidelines* document from the EPA. All quality control samples, control limits, surrogate recoveries, field duplicate results, and method required criteria were reviewed.

The relative percent difference (RPDs) between the duplicate samples were calculated and the RPDs were all within the 30 percent acceptance criteria. The data review showed that all data results met all required criteria except as listed below. Unless listed below all data results are of known precision and accuracy, did not require any qualification and may be used as stated.

There was a detection of zinc in the bailer blank that qualified bailer sampled zinc results that were within five times the blank concentration. They are denoted with a (B) flag.

4.7 HABITAT CONSERVATION

Consistent with the U.S. Fish and Wildlife Service approved Habitat Conservation Plan (USFWS, 2005) describing "No Affect" 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 "take" of SKR occurred during the performance of the field activities related to the Third Quarter 2005 monitoring event.

5.0 – SUMMARY AND CONCLUSIONS

5.0 SUMMARY AND CONCLUSIONS

For the Third Quarter 2005 groundwater monitoring event, a total of five (5) monitoring well locations were measured for groundwater levels and sampled for groundwater quality.

5.1 GROUNDWATER ELEVATION AND FLOW

Based on the available data, groundwater elevations at the Site do not appear to change significantly with the seasons. The depth to water was approximately 66 feet bgs (elevation of 2,067 feet above msl) in the northern and central portions of the Site (as measured in TT-MW2-2) and approximately 47 feet bgs (elevation of 1,938 feet above msl) in the southern portion of the Site (as measured in TT-MW2-4S).

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

5.2 WATER QUALITY MONITORING EVENT

Groundwater samples collected during the Third Quarter 2005 monitoring event were tested for VOCS, metals, general minerals, and perchlorate. VOCs and perchlorate are potential contaminants of concern at the Site. The general minerals analyses were performed to help evaluate different hydrostratigraphic units.

Analytes of interest detected above their respective regulatory thresholds during this sampling event were TCE, arsenic and other metals, and perchlorate. However, based on the historical operations at the Site, perchlorate and TCE are the COPC.

Perchlorate was reported in three (3) groundwater samples collected during the Third Quarter 2005 monitoring event, at concentrations of 2.1, 3,000 and 68,000 µg/L, of which two (2) groundwater samples collected exceed the perchlorate DWNL of 6 µg/L. The highest concentration of perchlorate was detected in a groundwater sample collected from monitoring well TT-MW2-3, located in the Historical Operational Area K. Perchlorate was also detected in groundwater samples collected from well TT-MW2-1 and TT-MW2-4S, located downgradient, in Historical Operational Area L. This is the first quarterly monitoring event where perchlorate was reported in a groundwater sample collected from well TT-MW2-4S. This detection could be an indication that perchlorate is present in the upper portion of the bedrock hydrostratigraphic unit or perchlorate could have been pulled down into the bedrock unit during well redevelopment activities. Subsequent monitoring events will provide the data necessary to evaluate

the source of the perchlorate detections. The horizontal and vertical extent of TCE and perchlorate affected groundwater is not known at this time.

TCE was reported in one (1) groundwater sample collected during the Third Quarter 2005 monitoring event at a concentration of 5.6 µg/L, which exceeds the TCE MCL of 5 µg/L. TCE was detected in the groundwater sample collected from monitoring well TT-MW2-3, located in Historical Operational Area K. Monitoring well TT-MW2-3 is screened in alluvium.

The monitoring wells sampled were installed as part of an initial water quality evaluation and based on these results additional well installations are planned. Sufficient data are not available at this time to evaluate seasonal or long term trends in water quality at the Site.

Groundwater samples were also collected for general mineral analysis to help identify possibly different hydrogeologic regimes between monitoring wells TT-MW2-1, TT-MW2-2 and TT-MW2-3; and the TT-MW2-4S/4D group. Taking into consideration the suspect data reported for TT-MW2-4S, the wells completed in the bedrock, TT-MW2-2 and TT-MW2-4S/4D, appear to have a similar hydrogeochemical signature (Figure 4-4). Although not as consistent as the signature for the bedrock wells, the wells completed in the alluvium also have a similar signature. Based on these analyses, it appears that TT-MW2-2, TT-MW2-4S, and TT-MW2-4D are likely screened in a different hydrostratigraphic unit than wells TT-MW-2-1, and TT-MW2-3.

5.3 WATER QUALITY MONITORING NETWORK

Four (4) quarters of water quality monitoring have been conducted at the Site since the September 2004 well installation activities. The current GMP will be updated to include quarterly groundwater level measurements and water quality monitoring from the three (3) recently installed groundwater monitoring wells (TT-MW2-5, TT-MW2-6S and TT-MW2-6D). Groundwater samples are analyzed for VOCs, metals, general minerals and perchlorate. Based on groundwater monitoring results to date, no changes to the monitoring frequency of the groundwater monitoring network are proposed. The monitoring well network will be reevaluated annually to determine if an increase or decrease in monitoring and/or sampling frequency is appropriate based on the objectives of the Site program and regulatory requirements. The annual evaluation of the GMP will be performed during the summer quarterly reporting period.

In November and December 2005, Tetra Tech installed three (3) groundwater monitoring wells south of the TT-MW2-4S/D well nest. The objective of the groundwater well installation activities was to provide data for an evaluation of downgradient groundwater conditions at the Site. The newly installed

monitoring wells are scheduled to be sampled as part of the Fourth Quarter 2005 groundwater monitoring activities. A report summarizing their installation will be submitted for review in early 2006.

Data generated from recent groundwater monitoring events and the geophysical investigation have enabled development of a Work Plan for additional groundwater assessment at the Site. The work plan will be submitted in early 2006 for review by the DTSC.

6.0 – REFERENCES

6.0 REFERENCES

California Department of Health Services (CDHS)

1989 Lockheed Beaumont Consent Order, June 16, 1989.

Dibblee, T.W.

1981 Geologic Map of Banning (15-minute) Quadrangle, California, South Coast Geologic Society Map 2.

Domenico, P. A. and Schwartz, F. W.

1990 *Physical and Chemical Hydrogeology,* John Wiley & Sons, New York, New York, 1990.

United States Environmental Protection Agency (EPA)

1999 USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, EPA-540/R-99-008 (PB99-963506), October 1999.

2004 USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, OSWER 9240.1-45, EPA-540-R-04-004, October 2004

Harden, Deborah R.

1998 *California Geology.* Prentice Hall, Inc., Upper Saddle River, New Jersey. 1998.

Radian Corporation (Radian)

1986a *Lockheed Propulsion Company Beaumont Test Facilities Historical Report*, September 1986.

1986b *Preliminary Remedial Investigation, Lockheed Propulsion Company Beaumont Test Facilities*, December 1986.

1990 *Source and Hydrogeologic Investigation – Final, Lockheed Propulsion Company Beaumont Test Facilities*, February 19, 1990.

1992a *Lockheed Propulsion Company Beaumont Test Facilities Remedial Action Plan.* February 1992.

1992b *Hydrogeologic Study, Lockheed Propulsion Company Beaumont Test Facilities*, December 1992.

1993 *Disposal Area Removal Action, Lockheed Propulsion Company, Beaumont No. 2 Site*, June 1993.

Lockheed Martin Corporation (LMC)

1995 *Monitoring Well Destruction Report, Former Lockheed Propulsion Company, Beaumont No. 2 Facility, Beaumont, California*, November 15, 1995.

2004 Environmental Remediation at Beaumont Site 1 (Potrero Creek Site) and Beaumont Site 2 (Laborde Canyon), May 19, 2004.

Sharp, R. P.

1975 *Geology Field Guide to Southern California*, Kendall/Hunt Geology Field Guide Series, Second Edition, 1975.

Tetra Tech, Incorporated (Tetra Tech)

2003 Groundwater *Sampling Results, Former Production Well W2-3, Beaumont Site 2,* February 5, 2003.

2004a *Final Lockheed Martin Beaumont Site 2 Groundwater Monitoring Well Installation Work Plan Beaumont, California*, January 23, 2004.

2004b *Final Lockheed Martin Beaumont Site 2 Groundwater Monitoring Well Installation Report Beaumont*, California, November 15, 2004.

2005 *Lockheed Martin First Quarter 2005 Groundwater Monitoring Report Beaumont Site 2, Beaumont, California*, June 2005.

United States Fish and Wildlife Service (USFWS)

2005 Endangered Species Act Incidental Take Permit for Potrero Creek and Laborde Canyon Properties Habitat Conservation Plan, October 14, 2005.

7.0 – ACRONYMS

7.0 ACRONYMS

bgs	below ground surface
btoc	below top of casing
CDHS	California Department of Health Services
COPC	chemical(s) of potential concern
CSM	Conceptual Site model
DTSC	Department of Toxic Substances Control
DWNL	state drinking water notification level
EC	electrical conductivity
EPA	United States Environmental Protection Agency
GCR	Grand Central Rocket
GMP	groundwater monitoring program
HSU	Hydrostratigraphic Unit
LAC	Lockheed Aircraft Corporation
LEB	equipment blank
LFB	field blank
LMC	Lockheed Martin Corporation
LPC	Lockheed Propulsion Company
LRL	laboratory reporting limit
LTB	trip blank
MCL	maximum contaminant level
MS	matrix spike
MSD	matrix spike duplicate
msl	mean sea level
mg/L	milligrams/liter
µg/L	micrograms/liter
NA	Not applicable
ND	Not detected
QAL	Quaternary alluvium
QA/QC	quality assurance/quality control

QC	quality control
RPD	relative percent difference
SKR	Stephens' Kangaroo rat
STF	San Timoteo Formation
SVOCs	semi-volatile organic compounds
TCE	trichloroethene
TDS	total dissolved solids
U.S.	United States
VOCs	volatile organic compounds

APPENDIX A – CONSOLIDATED DATA SUMMARY TABLE

VALIDATION GUIDELINES

Validation Qualifiers

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

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

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

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

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

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

Qualifier Descriptors

a: The analyte was found in the method blank.

b: The surrogate spike recovery was outside control limits.

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

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

e: A holding time violation occurred.

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

g: The datum met prescribed method criteria.

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

k: The analyte was found in a field blank.

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

n: The laboratory case narrative indicated a QC problem.

p: The result was qualified based on professional judgement.

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

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

t: The sample temperature was outside acceptance criteria.

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					A2320B		E160.1	E1624	E1625C	E1625C	E300.0			E314.0	SW6010 - Metals		
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Alkalinity, Bicarbonate (as CaCO3) -mg/L	Alkalinity, Carbonate (as CaCO3) -mg/L	Total Filterable Residue -mg/L	1,4-Dioxane -mg/L	1,4-Dioxane -ug/L	N-Nitrosodimethylamine -ng/L	Chloride -mg/L	Nitrate -mg/L	Sulfate -mg/L	Ammonium Perchlorate -ug/L	Antimony -mg/L	Arsenic -mg/L	Barium -mg/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered				<1.1		<0.55				3500	<0.00209	<0.00308	0.220
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered					<1.1	<0.55				7100	<0.00209	<0.00308	0.0933
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	200	<0.85	620				180	9.3	44 Bk	2400	<0.00209	<0.00308	0.209
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered													
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	180	<0.85	640				160	8.7	44 Bk	3000	<0.00209	<0.00308	0.133
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered											<0.00209	<0.00308	0.125
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered				<1.1		<0.55				<0.46	<0.00209	<0.00308	0.0299
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered					<1.1	<0.55				<0.46	<0.00209	<0.00308	0.0266
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	130	16	440				44	<0.028	92 Bk	<0.59	<0.00209	<0.00308	
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered													0.0433
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	130	4.0	290				47	<0.028	39 Bk	<0.59	<0.00209	<0.00308	0.0128
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered											<0.00209	<0.00308	<0.000719
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered				<1.1		<0.55				1300	<0.00209	<0.00308	0.112
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered					<1.1	<0.55				740	<0.00209	<0.00308	0.0974
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	90	<0.85	800				270	12 Je	51 Bk	53000	<0.00209	<0.00308	0.145
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	86	<0.85	720				290	12	51 Bk	68000	<0.00209	<0.00308	0.120
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered											<0.00209	<0.00308	0.104
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered				<1.1		<0.55				<0.46	<0.00209	0.0833	0.0532
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered					<1.1	<0.55				<0.46	<0.00209	0.0791	<0.000719
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	34	40	220				20	<0.028	29 Bk	<0.59	<0.00209	0.0964	0.130
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered													
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	46	24	260				22	<0.028	32	<0.59	<0.00209	0.0569	0.0587
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered											<0.00209	0.0823	<0.000719
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered				<1.1		<0.55				<0.46	0.0177	0.0598	0.256
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered					<1.1	<0.55				<0.46	<0.00209	0.0427	0.0752
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered	120	12	300				39	0.56	40 Bk	<0.59		0.0573	
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered											<0.00209		0.0774
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	100	8.0	310				36	0.38	51 Bk	2.1	0.0932	<0.00308	1.87
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered											<0.00209	0.0430	<0.000719

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW6010 - Metals												
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Beryllium -mg/L	Cadmium -mg/L	Calcium -mg/L	Chromium -mg/L	Cobalt -mg/L	Copper -mg/L	Lead -mg/L	Magnesium -mg/L	Molybdenum -mg/L	Nickel -mg/L	Potassium -mg/L	Selenium -mg/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<0.000176	<0.000350		0.0172	0.00591	0.0129	<0.00236		0.00521	0.0120		<0.00295
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236		0.00736	<0.00137		<0.00295
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<0.000176	<0.000350	79.4	0.0209	0.00634	0.0112	<0.00236	16.9	<0.000800	0.0144	3.51	<0.00295
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered												
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<0.000176	<0.000350	62.0	0.00557	<0.000696	0.00600	<0.00236	11.1	<0.000800	<0.00137	2.42	<0.00295
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered	<0.000176	<0.000350		0.00506	<0.000696	<0.00134	<0.00236		<0.000800	<0.00137		<0.00295
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236		<0.000800	<0.00137		<0.00295
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236		<0.000800	<0.00137		<0.00295
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	<0.000176	<0.000350	10.1		<0.000696	<0.00134	<0.00236	1.79 Jc	<0.000800	<0.00137	1.22	<0.00295
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered				<0.000350								
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<0.000176	<0.000350	7.48	<0.000350	<0.000696	<0.00134	<0.00236	1.07	<0.000800	<0.00137	0.813	<0.00295
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236		<0.000800	<0.00137		<0.00295
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<0.000176	<0.000350		0.00656	<0.000696	0.00501	<0.00236		<0.000800	<0.00137		<0.00295
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236		<0.000800	<0.00137		<0.00295
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<0.000176	<0.000350	93.2	<0.000350	<0.000696	<0.00134	<0.00236	12.9	<0.000800	<0.00137	2.92	<0.00295
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<0.000176	<0.000350	87.3	0.00563	<0.000696	0.00514 Jt	<0.00236	13.8	<0.000800	<0.00137	3.46	0.0151
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236		<0.000800	<0.00137		<0.00295
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<0.000176	<0.000350		0.0115	<0.000696	0.00882	<0.00236		0.0112	0.00721		<0.00295
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236		0.0116	<0.00137		<0.00295
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	<0.000176	<0.000350	11.7	0.0396	0.0135	<0.00134	0.0114	8.80		0.0180	3.13	<0.00295
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered									0.0111			
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	<0.000176	<0.000350	6.84	0.0115	0.00522	0.0142	<0.00236	4.18	0.0111	0.00955	2.58	<0.00295
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236		0.00989	<0.00137		<0.00295
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	0.00230	<0.000350		0.0573	0.0194	0.0427	0.0188		0.0158	0.0364		<0.00295
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236		0.0173	<0.00137		<0.00295
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered	<0.000176	<0.000350	7.68		0.00692	<0.00134	<0.00236	3.42		0.00919	2.33	<0.00295
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered				<0.000350					0.0175			
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	0.0118	<0.000350	157	0.296	0.123	0.287	0.127	102	<0.000800	0.229	42.2	<0.00295
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered	<0.000176	<0.000350		<0.000350	<0.000696	<0.00134	<0.00236		0.00971	<0.00137		<0.00295

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW6010 - Metals					SW7470	SW8260 - Volatile Organics							
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Silver -mg/L	Sodium -mg/L	Thallium -mg/L	Vanadium -mg/L	Zinc -mg/L	Mercury -mg/L	1,1,1,2-Tetrachloroethane -ug/L	1,1,1-Trichloroethane -ug/L	1,1,2,2-Tetrachloroethane -ug/L	1,1,2-Trichloroethane -ug/L	1,1,2-Trichlorotrifluoroethane -ug/L	1,1-Dichloroethane -ug/L	1,1-Dichloroethene -ug/L	1,1-Dichloropropene -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<0.000400		<0.00233	0.0288	0.0460	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<0.000400		<0.00233	0.00626	0.0334	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<0.000400	173	<0.00233	0.0257		<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered					<0.000848									
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<0.000400	169	<0.00233	0.00528	0.0149 Bk	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered	<0.000400		<0.00233	<0.000314	0.0125 Bk									
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<0.000400		<0.00233	0.0166	0.0228	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<0.000400		<0.00233	0.0131	0.0179 Jf	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered		129	<0.00233	0.0109	0.0188 Jc	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered	<0.000400													
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<0.000400	110	<0.00233	0.0107	0.0134	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered	<0.000400		<0.00233	0.0134	<0.000848									
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<0.000400		<0.00233	0.0107	0.0231	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<0.000400		<0.00233	<0.000314	<0.000848	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<0.000400	195	<0.00233	<0.000314	0.0509 BJf	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<0.000400	187	<0.00233	0.00519	0.0168 Bk	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered	<0.000400		<0.00233	<0.000314	<0.000848									
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<0.000400		<0.00233	0.129	0.0276	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<0.000400		<0.00233	0.0995	<0.000848	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered		69.8	<0.00233	0.167	0.0600	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered	<0.000400													
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	<0.000400	65.4	<0.00233	0.137	0.0320	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered	<0.000400		<0.00233	0.127	<0.000848									
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<0.000400		<0.00233	0.191	0.148	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<0.000400		<0.00233	0.0812	<0.000848	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered		106	<0.00233	0.0981	0.0641	<0.0000672	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered	<0.000400													
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	<0.000400	120	<0.00233	0.629	0.795	<0.000067	<0.37	<0.32	<0.37	<0.54	<0.54	<0.53	<0.31	<0.21
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered	<0.000400		<0.00233	0.124	<0.000848									

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																	
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	1,2,3-Trichlorobenzene -ug/L	1,2,3-Trichloropropane -ug/L	1,2,4-Trichlorobenzene -ug/L	1,2,4-Trimethylbenzene -ug/L	1,2-Dibromoethane -ug/L	1,2-Dichlorobenzene -ug/L	1,2-Dichloroethane -ug/L	1,2-Dichloropropane -ug/L	1,3,5-Trimethylbenzene -ug/L	1,3-Dichlorobenzene -ug/L	1,3-Dichloropropane -ug/L	1,4-Dichlorobenzene -ug/L	2,2-Dichloropropane -ug/L	2-Butanone (MEK) -ug/L	2-Chlorotoluene -ug/L	2-Hexanone -ug/L	4-Chlorotoluene -ug/L	4-Isopropyltoluene -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered																		
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered																		
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered																		
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered																		
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered																		
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered																		
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered																		
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered																		
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	<0.39	<2.3	<0.35	<0.26	<0.81	<0.24	<0.22	<0.28	<0.19	<0.38	<0.30	<0.30	<0.40	<4.2	<0.24	<1.9	<0.30	<0.21
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered																		

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	4-Methyl-2-pentanone -ug/L	Acetone -ug/L	Benzene -ug/L	Bromobenzene -ug/L	Bromodichloromethane -ug/L	Bromoform -ug/L	Bromomethane -ug/L	Carbon disulfide -ug/L	Carbon tetrachloride -ug/L	Chlorobenzene -ug/L	Chlorobromomethane -ug/L	Chlorodibromomethane -ug/L	Chloroethane -ug/L	Chloroform -ug/L	Chloromethane -ug/L	DBCP (1,2-Dibromo-3-chloropropane) -ug/L	Dibromomethane -ug/L	Dichlorodifluoromethane -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered																		
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered																		
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered																		
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered																		
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered																		
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered																		
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered																		
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered																		
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	<2.4	<6.1	<0.26	<0.47	<0.27	<0.62	<2.9	<1.0	<0.42	<0.36	<0.68	<0.45	<0.52	<0.22	<1.8	<2.5	<0.42	<0.27
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered																		

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics																
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Dichloromethane -ug/L	Ethylbenzene -ug/L	Isopropylbenzene -ug/L	Methyl tert-butyl ether -ug/L	N-Butylbenzene -ug/L	Naphthalene -ug/L	Styrene -ug/L	Tetrachloroethene -ug/L	Toluene -ug/L	Trichloroethene -ug/L	Trichlorofluoromethane -ug/L	Vinyl acetate -ug/L	Vinyl chloride -ug/L	cis-1,2-Dichloroethene -ug/L	cis-1,3-Dichloropropene -ug/L	m,p-Xylenes -ug/L	n-Propylbenzene -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered																	
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45	<0.38	<0.30
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered																	
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered																	
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45	<0.38	<0.30
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered																	
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	1.6	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	1.8	1.2	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	7.0	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	5.6	<0.36	<3.2	<0.33	<0.35	<0.45	<0.38	<0.30
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered																	
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered																	
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45	<0.38	<0.30
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered																	
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45		<0.30
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered																	
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	<2.6	<0.17	<0.24	<0.29	<0.29	<0.95	<0.29	<0.29	<0.35	<0.30	<0.36	<3.2	<0.33	<0.35	<0.45	<0.38	<0.30
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered																	

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8260 - Volatile Organics					SW8270 - Semi-Volatiles									
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	o-Xylene -ug/L	sec-Butylbenzene -ug/L	tert-Butylbenzene -ug/L	trans-1,2-Dichloroethene -ug/L	trans-1,3-Dichloropropene -ug/L	1,2,4-Trichlorobenzene -ug/L	1,2-Dichlorobenzene -ug/L	1,3-Dichlorobenzene -ug/L	1,4-Dichlorobenzene -ug/L	1-Methylnaphthalene -ug/L	2,4,5-Trichlorophenol -ug/L	2,4,6-Trichlorophenol -ug/L	2,4-Dichlorophenol -ug/L	2,4-Dimethylphenol -ug/L	2,4-Dinitrophenol -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31										
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered															
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31										
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered															
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31										
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered															
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31										
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered															
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31										
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31										
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered															
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31										
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered															
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31										
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered															
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31	<1.3	<1.1	<1.2	<1.1	<1.4	<0.97	<1.2	<1.1	<1.2	<2.6
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31										
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered															
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered	<0.21	<0.21	<0.17	<0.29	<0.31										
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered															

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles														
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	2,4-Dinitrotoluene -ug/L	2,6-Dinitrotoluene -ug/L	2-Chloronaphthalene -ug/L	2-Chlorophenol -ug/L	2-Methyl-4,6-Dinitrophenol -ug/L	2-Methylnaphthalene -ug/L	2-Methylphenol -ug/L	2-Nitroaniline -ug/L	2-Nitrophenol -ug/L	3,3-Dichlorobenzidine -ug/L	3-Nitroaniline -ug/L	3/4-Methylphenol -ug/L	4-Bromophenyl phenyl ether -ug/L	4-Chloro-3-methylphenol -ug/L	4-Chloroaniline -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<1.0	<1.1	<1.3	<1.0	<3.4	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<1.0	<1.2	<1.2	<1.3
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<1.0	<1.1	<1.3	<1.0	<3.4	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<1.0	<1.2	<1.2	<1.3
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered															
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered															
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered															
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered															
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<1.0	<1.1	<1.3	<1.0	<3.4	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<1.0	<1.2	<1.2	<1.3
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<1.0	<1.1	<1.3	<1.0	<3.4	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<1.0	<1.2	<1.2	<1.3
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered															
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered															
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered															
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered															
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<1.0	<1.1	<1.3	<1.0	<3.4	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<1.0	<1.2	<1.2	<1.3
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<1.0	<1.1	<1.3	<1.0	<3.4	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<1.0	<1.2	<1.2	<1.3
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered															
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered															
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered															
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<1.0	<1.1	<1.3	<1.0	<3.4	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<1.0	<1.2	<1.2	<1.3
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<1.0	<1.1	<1.3	<1.0	<3.4	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<1.0	<1.2	<1.2	<1.3
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered															
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered															
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered															
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered															
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<1.0	<1.1	<1.3	<1.0	<3.4	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<1.0	<1.2	<1.2	<1.3
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<1.0	<1.1	<1.3	<1.0	<3.4	<1.2	<1.1	<1.0	<1.2	<1.3	<1.2	<1.0	<1.2	<1.2	<1.3
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered															
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered															
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered															
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered															

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles														
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	4-Chlorophenylphenyl ether -ug/L	4-Nitroaniline -ug/L	4-Nitrophenol -ug/L	Acenaphthene -ug/L	Acenaphthylene -ug/L	Aniline -ug/L	Anthracene -ug/L	Azobenzene -ug/L	Benzidine -ug/L	Benzo(a)anthracene -ug/L	Benzo(a)pyrene -ug/L	Benzo(b)fluoranthene -ug/L	Benzo(g,h,i)perylene -ug/L	Benzo[k]fluoranthene -ug/L	Benzoic acid -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<1.2	<2.4	<0.86	<1.4	<1.4	<1.2	<1.5	<1.7	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<1.2	<2.4	<0.86	<1.4	<1.4	<1.2	<1.5	<1.7	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered															
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered															
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered															
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered															
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<1.2	<2.4	<0.86	<1.4	<1.4	<1.2	<1.5	<1.7	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<1.2	<2.4	<0.86	<1.4	<1.4	<1.2	<1.5	<1.7	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered															
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered															
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered															
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered															
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<1.2	<2.4	<0.86	<1.4	<1.4	<1.2	<1.5	<1.7	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<1.2	<2.4	<0.86	<1.4	<1.4	<1.2	<1.5	<1.7	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered															
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered															
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered															
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<1.2	<2.4	<0.86	<1.4	<1.4	<1.2	<1.5	<1.7	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<1.2	<2.4	<0.86	<1.4	<1.4	<1.2	<1.5	<1.7	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered															
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered															
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered															
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered															
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<1.2	<2.4	<0.86	<1.4	<1.4	<1.2	<1.5	<1.7	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<1.2	<2.4	<0.86	<1.4	<1.4	<1.2	<1.5	<1.7	<0.62	<1.1	<0.88	<1.2	<0.71	<1.7	<0.43
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered															
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered															
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered															
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered															

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles												
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Benzyl alcohol -ug/L	Benzyl butyl phthalate -ug/L	Bis(2-chloroisopropyl) ether -ug/L	Chrysene -ug/L	Di-n-butylphthalate -ug/L	Di-n-octyl phthalate -ug/L	Dibenz(a,h)anthracene -ug/L	Dibenzofuran -ug/L	Diethyl phthalate -ug/L	Dimethyl phthalate -ug/L	Fluoranthene -ug/L	Fluorene -ug/L	Hexachlorobenzene -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<1.0	<1.0	<1.5	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4	<1.2
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<1.0	<1.0	<1.5	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4	<1.2
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered													
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered													
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered													
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered													
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<1.0	<1.0	<1.5	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4	<1.2
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<1.0	<1.0	<1.5	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4	<1.2
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered													
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered													
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered													
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered													
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<1.0	<1.0	<1.5	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4	<1.2
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<1.0	<1.0	<1.5	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4	<1.2
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered													
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered													
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered													
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<1.0	<1.0	<1.5	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4	<1.2
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<1.0	<1.0	<1.5	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4	<1.2
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered													
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered													
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered													
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered													
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<1.0	<1.0	<1.5	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4	<1.2
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<1.0	<1.0	<1.5	<1.3	<1.5	<1.0	<0.82	<1.4	<1.4	<1.3	<1.5	<1.4	<1.2
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered													
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered													
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered													
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered													

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles									
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Hexachlorobutadiene -ug/L	Hexachlorocyclopentadiene (HCCPD) -ug/L	Hexachloroethane -ug/L	Indeno(1,2,3-cd)pyrene -ug/L	Isophorone -ug/L	N-Nitrosodimethylamine -ug/L	N-Nitrosodiphenylamine -ug/L	Naphthalene -ug/L	Nitrobenzene -ug/L	Pentachlorophenol -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<1.2	<0.44	<0.98	<0.83	<1.2	<1.1	<1.4	<1.4	<1.3	<0.75
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<1.2	<0.44	<0.98	<0.83	<1.2	<1.1	<1.4	<1.4	<1.3	<0.75
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered										
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered										
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered										
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered										
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<1.2	<0.44	<0.98	<0.83	<1.2	<1.1	<1.4	<1.4	<1.3	<0.75
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<1.2	<0.44	<0.98	<0.83	<1.2	<1.1	<1.4	<1.4	<1.3	<0.75
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered										
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered										
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered										
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered										
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<1.2	<0.44	<0.98	<0.83	<1.2	<1.1	<1.4	<1.4	<1.3	<0.75
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<1.2	<0.44	<0.98	<0.83	<1.2	<1.1	<1.4	<1.4	<1.3	<0.75
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered										
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered										
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered										
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<1.2	<0.44	<0.98	<0.83	<1.2	<1.1	<1.4	<1.4	<1.3	<0.75
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<1.2	<0.44	<0.98	<0.83	<1.2	<1.1	<1.4	<1.4	<1.3	<0.75
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered										
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered										
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered										
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered										
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<1.2	<0.44	<0.98	<0.83	<1.2	<1.1	<1.4	<1.4	<1.3	<0.75
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<1.2	<0.44	<0.98	<0.83	<1.2	<1.1	<1.4	<1.4	<1.3	<0.75
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered										
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered										
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered										
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered										

Consolidated Data Summary Table
Beaumont Site 2

	Water Level Data					SW8270 - Semi-Volatiles							
Sample Point	Depth to Water (feet below ground surface)	Groundwater Elevation (feet above mean sea level)	Elevation Date	Sample Date	Filter Status	Phenanthrene -ug/L	Phenol -ug/L	Pyrene -ug/L	Pyridine -ug/L	bis (2-Chloroethoxy) methane -ug/L	bis(2-Chloroethyl) ether -ug/L	bis(2-Ethylhexyl) phthalate -ug/L	n-Nitroso-di-n-propylamine -ug/L
TT-MW2-1	54.98	1980.23	09/27/04	09/27/04	Unfiltered	<1.5	<1.2	<1.4	<1.4	<1.2	<1.0	<1.0	<1.3
TT-MW2-1	54.69	1980.52	02/16/05	02/16/05	Unfiltered	<1.5	<1.2	<1.4	<1.4	<1.2	<1.0	<1.0	<1.3
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Unfiltered								
TT-MW2-1	53.62	1981.59	06/02/05	07/08/05	Filtered								
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Unfiltered								
TT-MW2-1	52.90	1982.31	09/21/05	09/30/05	Filtered								
TT-MW2-2	69.70	2068.05	09/27/04	09/27/04	Unfiltered	<1.5	<1.2	<1.4	<1.4	<1.2	<1.0	<1.0	<1.3
TT-MW2-2	69.38	2068.37	02/16/05	02/16/05	Unfiltered	<1.5	<1.2	<1.4	<1.4	<1.2	<1.0	<1.0	<1.3
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Unfiltered								
TT-MW2-2	68.70	2069.05	06/02/05	07/07/05	Filtered								
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Unfiltered								
TT-MW2-2	68.38	2069.37	09/21/05	09/30/05	Filtered								
TT-MW2-3	69.78	2024.88	09/27/04	09/27/04	Unfiltered	<1.5	<1.2	<1.4	<1.4	<1.2	<1.0	22	<1.3
TT-MW2-3	69.10	2025.56	02/16/05	02/16/05	Unfiltered	<1.5	<1.2	<1.4	<1.4	<1.2	<1.0	<1.0	<1.3
TT-MW2-3	68.74	2025.92	06/02/05	07/08/05	Unfiltered								
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Unfiltered								
TT-MW2-3	68.83	2025.83	09/21/05	09/30/05	Filtered								
TT-MW2-4D	77.58	1909.58	09/27/04	09/27/04	Unfiltered	<1.5	<1.2	<1.4	<1.4	<1.2	<1.0	<1.0	<1.3
TT-MW2-4D	56.25	1930.91	02/16/05	02/16/05	Unfiltered	<1.5	<1.2	<1.4	<1.4	<1.2	<1.0	<1.0	<1.3
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Unfiltered								
TT-MW2-4D	55.83	1931.33	06/02/05	07/07/05	Filtered								
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Unfiltered								
TT-MW2-4D	56.04	1931.12	09/21/05	09/30/05	Filtered								
TT-MW2-4S	51.52	1935.42	09/27/04	09/27/04	Unfiltered	<1.5	<1.2	<1.4	<1.4	<1.2	<1.0	<1.0	<1.3
TT-MW2-4S	48.95	1937.99	02/16/05	02/16/05	Unfiltered	<1.5	<1.2	<1.4	<1.4	<1.2	<1.0	<1.0	<1.3
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Unfiltered								
TT-MW2-4S	48.84	1938.10	06/02/05	07/07/05	Filtered								
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Unfiltered								
TT-MW2-4S	49.08	1937.86	09/21/05	09/30/05	Filtered								

APPENDIX B – 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 - DEVELOPMENT

DATE 9/21/05 SITE NUMBER 2 DEVELOPMENT DEVICE swab / bailer / pump

PROGRAM NAME Lockheed Basement OVA: ☐ FID ☒ PID In Casing (ppm) (initial) ND (vented to) ___

MONITORING WELL IDENTIFICATION TT-MW2-1 IN BREATHING ZONE (ppm) (initial) ND (vented to) ___

STATIC WATER LEVEL (ft btoc) 52.90 INITIAL WELL DEPTH (ft btoc) 73.02 FINAL WELL DEPTH (ft btoc) 73.21

WATER COLUMN (feet) 20.12 CASING/TUBE DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE [signature]

WELL/PUMP VOLUME (V) (gals) 20.12 x 0.65 = 13.08 3 v (gals) 39.23 TYPE OF WATER LEVEL INSTRUMENT Heron

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)	Well Volumes Purged	Flow Rate (GPM)
1405	start swab	52.90	—								0	0	—
1425	end swab	—	—								0	0	—
1430	start bail	—	—								0	0	—
1440	cont. end bail	69.00	—								25	1.91	—
1455	end bail	68.72	—								55	4.20	—
	well return to site dismany after well has recharged												
9/22 1035	start pump	52.91	72.5								55	4.20	1.0
1050		56.25	72.5	24.12	1.157	7.69	+200	8.14	73.3	brn	70	5.35	
1005		60.35	72.5	24.07	1.140	7.47	+200	6.35	63.0	brn	85	6.50	
1020		62.60	72.5	24.10	1.136	7.49	+200	5.95	54.8	brn	100	7.65	
1035		66.20	72.5	24.41	1.069	7.61	+200	5.17	44.1	brn	115	8.79	
1045	well purged dry										125	9.56	↓

Comments: ___

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 - DEVELOPMENT

DATE 9/21/05 – SITE NUMBER 2

PROGRAM NAME Lockheed Bonnet

MONITORING WELL IDENTIFICATION TT-MW2-2

STATIC WATER LEVEL (ft btoc) 68.38 INITIAL WELL DEPTH (ft btoc) 119.78

WATER COLUMN (feet) 51.40 CASING/TUBE DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 51.40 x 0.65 = 33.41 3 v (gals) 100.23

DEVELOPMENT DEVICE Swab, bailer, pump

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

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

FINAL WELL DEPTH (ft btoc) 120.25

SAMPLER'S SIGNATURE [signature]

TYPE OF WATER LEVEL INSTRUMENT Heron

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)	Well Volumes Purged	Flow Rate (GPM)
730	start swab	68.38	—	—	—	—	—	—	—	—	Ø	Ø	—
750	end swab	—	—	—	—	—	—	—	—	—	Ø	Ø	—
755	start bail	—	—	—	—	—	—	—	—	—	Ø	Ø	—
825	end bail	88.82	(TD	(120.25)							15	0.45	
865	start pump	—	119.5	—	—	—	—	—	—	—	15	0.45	8
900	well purged dry										55	1.65	—
	well return tomorrow after well has recharged												
9/22 1507	start pump	69.85	—	—	—	—	—	—	—	—	55	1.65	1.5
1520		83.05	119.2	25.23	0.579	8.78	125.9	5.88	-10.1	cloudy	74.50	2.23	↓
1535		107.70	119.2	25.22	0.556	8.77	98.5	3.94	-27.0	cloud	85.0	2.54	↓
1542	well purged dry												

Comments: 15' screen

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 - DEVELOPMENT

DATE 9/22/05 SITE NUMBER 2 DEVELOPMENT DEVICE swab, bail, pump

PROGRAM NAME Lockheed Barnett OVA: ☐ FID ☒ PID In Casing (ppm) (initial) NM (vented to) ____

MONITORING WELL IDENTIFICATION TT-MW2-3 IN BREATHING ZONE (ppm) (initial) ND (vented to) ____

STATIC WATER LEVEL (ft btoc) 68.63 INITIAL WELL DEPTH (ft btoc) 100.92 FINAL WELL DEPTH (ft btoc) 101.32

WATER COLUMN (feet) 32.09 CASING/TUBE DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE [signature]

WELL/PUMP VOLUME (V) (gals) 32.09 x0.65 = 20.86 3 v (gals) 62.58 TYPE OF WATER LEVEL INSTRUMENT Hnu

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)	Well Volumes Purged	Flow Rate (GPM)
715	start swab	68.63	—	—	—	—	—	—	—	—	0	0	—
730	end swab	—	—	—	—	—	—	—	—	—	0	0	—
735	start bail	—	—	—	—	—	—	—	—	—	0	0	—
755	end bail	74.62	—	—	—	—	—	—	—	—	15	0.72	8 —
815	start purge	68.75	100.5								15	—	8
821	well	purged dry									63	3.02	8
859	start pump	70.00	100.5	—	—	—	—	—	—	—	63	—	4
915		99.25	100.5	23.72	1.392	7.93	+200	7.80	82.1	brn	147	7.05	(
925	end purge	99.25	100.5	23.80	1.395	7.71	+200	6.96	72.0	cloudy	187	8.96	↓

Comments: _____

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 - DEVELOPMENT

DATE 9/21/05 – 9/22/05 SITE NUMBER 2 DEVELOPMENT DEVICE Sonab, bailer, pump

PROGRAM NAME Lockheed Fremont OVA: ☐ FID ☒ PID In Casing (ppm) (initial) ND (vented to) ____

MONITORING WELL IDENTIFICATION TT-MW2-4S IN BREATHING ZONE (ppm) (initial) ND (vented to) ____

STATIC WATER LEVEL (ft btoc) 49.08 INITIAL WELL DEPTH (ft btoc) 73.14 FINAL WELL DEPTH (ft btoc) 73.15

WATER COLUMN (feet) 24.06 CASING/TUBE DIAMETER (in/ft) ____ SAMPLER'S SIGNATURE [signature]

WELL/PUMP VOLUME (V) (gals) 24.06 x 0.65 = 15.64 3 v (gals) ~~15.64~~ 46.92 TYPE OF WATER LEVEL INSTRUMENT Heron

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)	Well Volumes Purged	Flow Rate (GPM)
1050	start surge	24.06	–								0	0	–
1110	end surge	–	–								0	0	–
1112	start bail	–									0	0	–
1120	end bail	63.90	–								10	0.64	–
1140	resume bail	–	–								10	0.64	–
1150	bailed	well	dry										–
	well	return	to	site	tomorrow	after	well	has	recharged				
9/22 1322	start pump	55.03	72.5								10	0.64	–
1335	well	purged	dry								23	1.47	

Comments: 10' screen

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 - DEVELOPMENT

DATE 9/21/05 — SITE NUMBER 2

PROGRAM NAME Lockheed Beaumont

MONITORING WELL IDENTIFICATION TT-MW2-4D

STATIC WATER LEVEL (ft btoc) 56.04 INITIAL WELL DEPTH (ft btoc) 97.84

WATER COLUMN (feet) 41.80 CASING/TUBE DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 41.80 x 0.65 = 27.17 3 v (gals) 81.51

DEVELOPMENT DEVICE swab, bailer, pump

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

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

FINAL WELL DEPTH (ft btoc) 98.02

SAMPLER'S SIGNATURE [signature]

TYPE OF WATER LEVEL INSTRUMENT Heron

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)	Well Volumes Purged	Flow Rate (GPM)
10:25	start swab	56.04	—	—	—	—	—	—	—	—	Ø	Ø	—
10:40	end swab	—	—	—	—	—	—	—	—	—	Ø	Ø	—
1125	start bail	—	—	—	—	—	—	—	—	—	Ø	Ø	—
1138	end bail										10	0.37	—
1245	start pump	61.78	97.5	(TD - 98.02)							10	0.37	8
1259	well purged dry										42	1.55	
will return to site tomorrow after well has recharged													
9/22 1356	start pump	70.32	96.5	—	—	—	—	—	—	—	42	1.55	1
1412	well purged dry										58	2.13	

Comments: 10' screen

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 9/30/05 SITE NUMBER 2 PURGING DEVICE grundfos redi-flo2

PROGRAM NAME LMC Bound SAMPLING DEVICE

MONITORING WELL IDENTIFICATION TT-mw2-1 OVA: FID ☐ PID ☑ In Casing (ppm) (initial) ND (vented to)

SAMPLE I.D. TT-mw2-1 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ND (vented to)

STATIC WATER LEVEL (ft btoc) 52.79 TOTAL WELL DEPTH (feet) 73.21 FINAL PUMP DEPTH (feet) 68

WATER COLUMN (feet) 20.42 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE

WELL/PUMP VOLUME (V) (gals) 20.42x0.65= 13.27 3 V (gals) 39.82

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
1056	start pump	52.79	68								0	0	0.5
1101		53.22	68	26.12	1.227	7.43	24.7	6.29	104.5	cloudy	2.5	0.19	
1106		53.23	68	26.04	1.225	7.38	27.1	6.22	94.9	cloudy	5.0	0.38	
1111		53.23	68	26.17	1.213	7.36	29.7	6.11	91.3	cloudy	7.5	0.57	
1116		53.24	68	26.57	1.189	7.34	58.2	6.14	93.1	cloudy	10.0	0.75	
1121		53.24	68	26.41	1.193	7.33	53.3	6.14	90.7	cloudy	12.5	0.94	
1126		53.24	68	26.33	1.197	7.33	59.9	6.06	89.0	cloudy	15.0	1.13	↓
1126	sample well												

Fe+2 (ppm) ——— Taken from first bailer, immediately before sampling.

Comments: MS / MSD

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F) 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..

V:\graphics\irp\BGMP-AFR\BGMP coreldrawfigs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 9/30/05 SITE NUMBER 2 PURGING DEVICE grundfos redi-flo II

PROGRAM NAME LMC Beaumt SAMPLING DEVICE disposable bailer

MONITORING WELL IDENTIFICATION TT-MW2-2 OVA: FID ☐ PID ☒ In Casing (ppm) (initial) ~0 (vented to) —

SAMPLE I.D. TT-MW2-2 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ~4 (vented to) —

STATIC WATER LEVEL (ft btoc) 68.43 TOTAL WELL DEPTH (feet) 120.25 FINAL PUMP DEPTH (feet) 119

WATER COLUMN (feet) 51.82 CASING/TUBING DIAMETER (in/ft) — SAMPLER'S SIGNATURE

WELL/PUMP VOLUME (V) (gals) 51.82 x 0.652 33.68 3 V (gals) 101.05

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate ~~(ml/PM)~~ GPM)
755	start pump	68.43	119	—							0	0	2.0
800		89.20	119	22.08	0.562	8.60	170	4.88	66.0	cloudy	10	0.30	
805		99.50	119	22.06	0.552	8.64	148	4.43	65.2	cloudy	20	0.60	
810		106.63	119	22.11	0.559	8.58	168	4.59	68.9	cloudy	30	0.89	
815		112.85	119	22.26	0.609	8.60	+200	8.36	70.6	cloudy	40	1.28	
819	well purged dry										46	1.37	
1311	sample coll/ 88.42						24.2						

Fe+2 (ppm) — Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments:

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..

V:\graphics\irp\BGMP-AFR\BGMP coreldraw figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 9/30/05 SITE NUMBER 2

PROGRAM NAME LMC Baumt

MONITORING WELL IDENTIFICATION TT-MW2-3

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

STATIC WATER LEVEL (ft btoc) 68.87 TOTAL WELL DEPTH (feet) 101.32

WATER COLUMN (feet) 32.45 CASING/TUBING DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 32.45 x 0.65 = 21.09 3 V (gals) 63.28

PURGING DEVICE grundfos red.Flo II

SAMPLING DEVICE

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

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

FINAL PUMP DEPTH (feet) 90

SAMPLER'S SIGNATURE [signature]

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~umhos/cm~~) mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / ~~GPM~~)
1206	start purge	68.87	90	—	—	—	—	—	—	—	Ø	Ø	0.5
1211		71.09	90	25.81	1.499	7.65	24.6	1.88	85.9	cloudy	2.5	0.12	
1216		71.65	90	25.92	1.504	7.59	28.8	3.03	74.3	cloudy	5.0	0.24	
1221		71.86	90	26.20	1.510	7.60	31.3	2.84	67.3	cloudy	7.5	0.36	
1226		71.82	90	26.28	1.510	7.59	21.7	2.73	64.8	cloudy	10.0	0.47	
1231		71.82	90	26.44	1.513	7.59	23.0	2.66	63.2	cloudy	12.5	0.59	
1236		71.82	90	26.54	1.519	7.59	24.5	2.55	62.0	clear	15.0	0.71	↓
1236	sample well												
1425	dup sample time												

Fe+2 (ppm) — Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION
Temperature ±1° C (1.8°F) Conductivity ±5%
pH ±0.1 Turbidity ≤5 NTUs

Comments: —

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..

V:\graphics\irp\BGMP-AFRC\BGMP coreldrawfigs\purgetable.cdr

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 9/30/05 SITE NUMBER 2

PROGRAM NAME LMC Bermt

MONITORING WELL IDENTIFICATION TT-MW2-45

SAMPLE I.D. TT-MW2-45 DUPLICATE I.D. ____

STATIC WATER LEVEL (ft btoc) 49.31 WELL DEPTH (ft btoc) 73.15

WATER COLUMN (feet) 23.81 CASING/TUBE DIAMETER (in/ft) 1

WELL/PUMP VOLUME (V) (gals) 23.81 x 0.65 = 15.50 3 v (gals) 46.49

PURGING DEVICE grundfos redi-flo 2

SAMPLING DEVICE disposable bale

OVA: ☐ FID ☒ PID In Casing (ppm) (initial) NM (vented to) ____

IN BREATHING ZONE (ppm) (initial) NM (vented to) ____

FINAL PUMP DEPTH (ft btoc) 72

SAMPLER'S SIGNATURE [signature]

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC ~~(µmhos/cm)~~ ms/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well/Pump Volumes Purged	Flow Rate (GPM ~~ml/min~~)
850	start purge	49.31	72								0	0	1.0
855		55.40	72	23.61	0.378	8.87	135	5.26	87.7	cloudy	5	0.32	
900		61.45	72	23.94	0.379	8.82	81.4	5.24	75.2	cloudy	10	0.65	
905		65.41	72	24.44	0.408	8.61	101.7	5.33	76.2	cloudy	15	0.97	
910		69.15	72	24.59	0.388	8.76	4200	4.32	47.8	cloudy	20	1.29	
914	well purged dry										24	1.55	
1015	sample well						4200			brn			

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

Water level at time of sampling (ft btoc): 70.05

Comments: ____

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature ± 1°C (1.8°F)	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 9/30/05 SITE NUMBER 2 PURGING DEVICE grundfos redi flo 2

PROGRAM NAME LMC Baumt SAMPLING DEVICE disposable bailer

MONITORING WELL IDENTIFICATION TT-MW2-4D OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 0 (vented to) ____

SAMPLE I.D. TT-MW2-4D DUPLICATE I.D. ____ IN BREATHING ZONE (ppm) (initial) 0 (vented to) ____

STATIC WATER LEVEL (ft btoc) 64.51 WELL DEPTH (ft btoc) 98.02 FINAL PUMP DEPTH (ft btoc) ____

WATER COLUMN (feet) 33.51 CASING/TUBE DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE 

WELL/PUMP VOLUME (V) (gals) 33.51 X 0.65 = 21.78 3 v (gals) 65.34

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC ~~(µmhos/cm)~~ ms/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Well/Pump Volumes Purged	Flow Rate (GPM ~~ml/min~~)
934	start pump	64.51	97								Ø	Ø	1.5
939		78.84	97	23.72	0.311	9.62	+200	9.45	-16.0	cloudy	7.5	0.34	
944		79.95	97	23.76	0.310	9.26	155	7.16	-6.5	cloudy	15	0.69	
949		88.53	97	23.97	0.347	9.10	177	5.45	21.7	cloudy	22.5	1.03	
954		91.34	97	24.55	0.338	9.30	+200	4.83	15.2	cloud	30	1.38	
959		93.97	97	24.67	0.311	9.36	+200	1.56	-0.5	brn	37.5	1.72	
1001	well	purged	dry								40.5	1.86	↓
1030	sample well						184			cloudy/brn			

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

Water level at time of sampling (ft btoc): 90.08

Comments: ____

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature ± 1°C (1.8°F)	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 C – VALIDATED ANALYTICAL RESULTS BY METHOD

VALIDATION GUIDELINES

Validation Qualifiers

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

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

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

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

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

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

Qualifier Descriptors

a: The analyte was found in the method blank.

b: The surrogate spike recovery was outside control limits.

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

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

e: A holding time violation occurred.

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

g: The datum met prescribed method criteria.

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

k: The analyte was found in a field blank.

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

n: The laboratory case narrative indicated a QC problem.

p: The result was qualified based on professional judgement.

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

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

t: The sample temperature was outside acceptance criteria.

Project: Beaumont						Table B - 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-MW2-1				TT-MW2-2				TT-MW2-3		
		SDG:		05-09-1857				05-09-1857				05-09-1857		
		Batch ID:		051004L01				051004L01				051004L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 100								Dilution 5000		
Perchlorate	0.59		200	3000		g	2.0	ND	U	g	10000	68000		g

Project: Beaumont				Table B - 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-MW2-103				TT-MW2-4D				TT-MW2-4S		
		SDG:		05-09-1857				05-09-1857				05-09-1857		
		Batch ID:		051004L01				051004L01				051004L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 5000										
Perchlorate	0.59		10000	67000		g	2.0	ND	U	g	2.0	2.1		g

Project: Beaumont						Table B - 2							
Site: 2						Analytical Data Summary							
Extraction Method: See Below						California Title 22 General Minerals							
Analytical Method: See Below													
Matrix: Water													
Units: mg/L													
				Environmental Samples									
			Field ID:			TT-MW2-1					TT-MW2-2		
	EPA		SDG:			05-09-1857					05-09-1857		
Parameters	Method	MDL		Batch ID	PQL	Result	Validity	Comments	Batch ID	PQL	Result	Validity	Comments
Bicarbonate (as CaCO3)	A2320B	0.85		51006ALKD3	5	180		g	51006ALKD3	5	130		g
Carbonate (as CaCO3)	A2320B	0.8		51006ALKD3	1.0	ND	U	g	51006ALKD3	1.0	4.0		g
Solids, Total Dissolved	E160.1	1		51006TDSD1	1	640		g	51006TDSD1	1	290		g
Chloride	E300.0	0.055		051001L01	50	160 *		g	051001L01	10	47 **		g
Nitrate (as N)	E300.0	0.028		051001L01	1.0	8.7 **		g	051001L01	0.10	ND	U	g
Sulfate by IC	E300.0	0.069		051001L01	10	44 **	B	k	051001L01	10	39 **	B	k
* Sample diluted at a factor of 50													
** Sample diluted at a factor of 10													

Project: Beaumont						Table B - 2							
Site: 2						Analytical Data Summary							
Extraction Method: See Below						California Title 22 General Minerals							
Analytical Method: See Below													
Matrix: Water													
Units: mg/L													
				Environmental Samples									
			Field ID:			TT-MW2-3					TT-MW2-103		
	EPA		SDG:			05-09-1857					05-09-1857		
Parameters	Method	MDL		Batch ID	PQL	Result	Validity	Comments	Batch ID	PQL	Result	Validity	Comments
Bicarbonate (as CaCO3)	A2320B	0.85		51006ALKD3	1	86		g	51006ALKD3	1	94		g
Carbonate (as CaCO3)	A2320B	0.85		51006ALKD3	1.0	ND	U	g	51006ALKD3	1.0	ND	U	g
Solids, Total Dissolved	E160.1	1		51006TDSD1	1	720		g	51006TDSD1	1	700		g
Chloride	E300.0	0.055		051001L01	50	290 *		g	051001L01	50	290 *		g
Nitrate (as N)	E300.0	0.028		051001L01	1	12 **		g	051001L01	1	12 **		g
Sulfate by IC	E300.0	0.069		051001L01	10	51 **	B	k	051001L01	10	49 **	B	k
* Sample diluted at a factor of 50													
** Sample diluted at a factor of 10													

Project: Beaumont						Table B - 2							
Site: 2						Analytical Data Summary							
Extraction Method: See Below						California Title 22 General Minerals							
Analytical Method: See Below													
Matrix: Water													
Units: mg/L													
				Environmental Samples									
			Field ID:			TT-MW2-4D					TT-MW2-4S		
	EPA		SDG:			05-09-1857					05-09-1857		
Parameters	Method	MDL		Batch ID	PQL	Result	Validity	Comments	Batch ID	PQL	Result	Validity	Comments
Bicarbonate (as CaCO3)	A2320B	0.85		51006ALKD3	1	46		g	51006ALKD3	5	100		g
Carbonate (as CaCO3)	A2320B	0.8		51006ALKD3	1	24		g	51006ALKD3	1.0	8.0		g
Solids, Total Dissolved	E160.1	1		51006TDSD1	1	260		g	51006TDSD1	1	310		g
Chloride	E300.0	0.055		051001L01	5	22 *		g	051001L01	10	36 **		g
Nitrate (as N)	E300.0	0.028		051001L01	0.10	ND	U	g	051001L01	0.10	0.38		g
Sulfate by IC	E300.0	0.069		051001L01	5	32 *		g	051001L01	10	51 **	B	k
* Sample diluted at a factor of 5													
** Sample diluted at a factor of 10													

Project: Beaumont						Table B - 3								
Site: 2						Analytical Data Summary								
Extraction Method: SW3010A						EPA Method SW6010B								
Analytical Method: SW6010B														
Matrix: Water														
Units: mg/L														
			Environmental Samples											
		Field ID:		TT-MW2-1				TT-MW2-1F				TT-MW2-2		
		SDG:		05-09-1857				05-09-1857				05-09-1857		
		Batch ID:		051003L06				051003L06				051003L06		
Parameters	MDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Filtered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments
Antimony	0.00209		0.0150	ND	U	g	0.0150	ND	U	g	0.0150	ND	U	g
Arsenic	0.00308		0.0100	ND	U	g	0.0100	ND	U	g	0.0100	ND	U	g
Barium	0.000719		0.010	0.133		g	0.010	0.125		g	0.0100	0.0128		g
Beryllium	0.000176		0.00100	ND	U	g	0.00100	ND	U	g	0.00100	ND	U	g
Cadmium	0.000350		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Calcium	0.00932		0.1	62.0		g					0.10	7.48		g
Chromium	0.000350		0.00500	0.00557		g	0.00500	0.00506		g	0.00500	ND	U	g
Cobalt	0.000696		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Copper	0.00134		0.00500	0.00600		g	0.00500	ND	U	g	0.00500	ND	U	g
Lead	0.00236		0.0100	ND	U	g	0.0100	ND	U	g	0.0100	ND	U	g
Magnesium	0.00328		0.1	11.1		g					0.10	1.07		g
Molybdenum	0.000800		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Nickel	0.00137		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Potassium	0.0561		0.50	2.42		g					0.500	0.813		g
Selenium	0.00295		0.0150	ND	U	g	0.0150	ND	U	g	0.0150	ND	U	g
Silver	0.000400		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Sodium	0.0192		0.500	169		g					0.500	110		g
Thallium	0.00233		0.0150	ND	U	g	0.0150	ND	U	g	0.0150	ND	U	g
Vanadium	0.000314		0.00500	0.00528		g	0.00500	ND	U	g	0.0050	0.0107		g
Zinc	0.000848		0.0100	0.0149	B	k	0.0100	0.0125	B	k	0.0100	0.0134		g

Project: Beaumont						Table B - 3								
Site: 2						Analytical Data Summary								
Extraction Method: SW3010A						EPA Method SW6010B								
Analytical Method: SW6010B														
Matrix: Water														
Units: mg/L														
			Environmental Samples											
		Field ID:		TT-MW2-2F				TT-MW2-3				TT-MW2-103		
		SDG:		05-09-1857				05-09-1857				05-09-1857		
		Batch ID:		051003L06				051003L06				051003L06		
Parameters	MDL		PQL	Result (Filtered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments
Antimony	0.00209		0.0150	ND	U	g	0.0150	ND	U	g	0.0150	ND	U	g
Arsenic	0.00308		0.0100	ND	U	g	0.0100	ND	U	g	0.0100	ND	U	g
Barium	0.000719		0.0100	ND	U	g	0.010	0.120		g	0.010	0.118		g
Beryllium	0.000176		0.00100	ND	U	g	0.00100	ND	U	g	0.00100	ND	U	g
Cadmium	0.000350		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Calcium	0.00932						0.1	87.3		g	0.1	84.8		g
Chromium	0.000350		0.00500	ND	U	g	0.00500	0.00563		g	0.00500	0.00591		g
Cobalt	0.000696		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Copper	0.00134		0.00500	ND	U	g	0.00500	0.00514	J	f	0.00500	0.00723	J	f
Lead	0.00236		0.0100	ND	U	g	0.0100	ND	U	g	0.0100	ND	U	g
Magnesium	0.00328						0.1	13.8		g	0.1	13.8		g
Molybdenum	0.000800		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Nickel	0.00137		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Potassium	0.0561						0.50	3.46		g	0.50	3.57		g
Selenium	0.00295		0.0150	ND	U	g	0.0150	0.0151		g	0.0150	ND	U	g
Silver	0.000400		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Sodium	0.0192						0.500	187		g	0.500	181		g
Thallium	0.00233		0.0150	ND	U	g	0.0150	ND	U	g	0.0150	ND	U	g
Vanadium	0.000314		0.0050	0.0134		g	0.00500	0.00519		g	0.00500	0.00607		g
Zinc	0.000848		0.0100	ND	U	g	0.0100	0.0168	B	k	0.0100	0.0149	B	k

Project: Beaumont						Table B - 3								
Site: 2						Analytical Data Summary								
Extraction Method: SW3010A						EPA Method SW6010B								
Analytical Method: SW6010B														
Matrix: Water														
Units: mg/L														
			Environmental Samples											
		Field ID:		TT-MW2-3F				TT-MW2-103F				TT-MW2-4D		
		SDG:		05-09-1857				05-09-1857				05-09-1857		
		Batch ID:		051003L06				051003L06				051003L06		
Parameters	MDL		PQL	Result (Filtered)	Validity	Comments	PQL	Result (Filtered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments
Antimony	0.00209		0.0150	ND	U	g	0.0150	ND	U	g	0.0150	ND	U	g
Arsenic	0.00308		0.0100	ND	U	g	0.0100	ND	U	g	0.0100	0.0569		g
Barium	0.000719		0.010	0.104		g	0.010	0.103		g	0.0100	0.0587		g
Beryllium	0.000176		0.00100	ND	U	g	0.00100	ND	U	g	0.00100	ND	U	g
Cadmium	0.000350		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Calcium	0.00932										0.10	6.84		g
Chromium	0.000350		0.00500	ND	U	g	0.00500	ND	U	g	0.0050	0.0115		g
Cobalt	0.000696		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	0.00522		g
Copper	0.00134		0.00500	ND	U	g	0.00500	ND	U	g	0.0050	0.0142		g
Lead	0.00236		0.0100	ND	U	g	0.0100	ND	U	g	0.0100	ND	U	g
Magnesium	0.00328										0.10	4.18		g
Molybdenum	0.000800		0.00500	ND	U	g	0.00500	ND	U	g	0.0050	0.0111		g
Nickel	0.00137		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	0.00955		g
Potassium	0.0561										0.50	2.58		g
Selenium	0.00295		0.0150	ND	U	g	0.0150	ND	U	g	0.0150	ND	U	g
Silver	0.000400		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Sodium	0.0192										0.5	65.4		g
Thallium	0.00233		0.0150	ND	U	g	0.0150	ND	U	g	0.0150	ND	U	g
Vanadium	0.000314		0.00500	ND	U	g	0.00500	ND	U	g	0.005	0.137		g
Zinc	0.000848		0.0100	ND	U	g	0.0100	ND	U	g	0.0100	0.0320		g

Project: Beaumont						Table B - 3								
Site: 2						Analytical Data Summary								
Extraction Method: SW3010A						EPA Method SW6010B								
Analytical Method: SW6010B														
Matrix: Water														
Units: mg/L														
			Environmental Samples											
		Field ID:		TT-MW2-4DF				TT-MW2-4S				TT-MW2-4SF		
		SDG:		05-09-1857				05-09-1857				05-09-1857		
		Batch ID:		051003L06				051003L06				051003L06		
Parameters	MDL		PQL	Result (Filtered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Filtered)	Validity	Comments
Antimony	0.00209		0.0150	ND	U	g	0.0150	0.0932		g	0.0150	ND	U	g
Arsenic	0.00308		0.0100	0.0823		g	0.0100	ND	U	g	0.0100	0.0430		g
Barium	0.000719		0.0100	ND	U	g	0.01	1.87		g	0.0100	ND	U	g
Beryllium	0.000176		0.00100	ND	U	g	0.0010	0.0118		g	0.00100	ND	U	g
Cadmium	0.000350		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Calcium	0.00932						0.100	157		g				
Chromium	0.000350		0.00500	ND	U	g	0.005	0.296		g	0.00500	ND	U	g
Cobalt	0.000696		0.00500	ND	U	g	0.005	0.123		g	0.00500	ND	U	g
Copper	0.00134		0.00500	ND	U	g	0.005	0.287		g	0.00500	ND	U	g
Lead	0.00236		0.0100	ND	U	g	0.010	0.127		g	0.0100	ND	U	g
Magnesium	0.00328						0.100	102		g				
Molybdenum	0.000800		0.00500	0.00989		g	0.00500	ND	U	g	0.00500	0.00971		g
Nickel	0.00137		0.00500	ND	U	g	0.005	0.229		g	0.00500	ND	U	g
Potassium	0.0561						0.5	42.2		g				
Selenium	0.00295		0.0150	ND	U	g	0.0150	ND	U	g	0.0150	ND	U	g
Silver	0.000400		0.00500	ND	U	g	0.00500	ND	U	g	0.00500	ND	U	g
Sodium	0.0192						0.500	120		g				
Thallium	0.00233		0.0150	ND	U	g	0.0150	ND	U	g	0.0150	ND	U	g
Vanadium	0.000314		0.005	0.127		g	0.005	0.629		g	0.005	0.124		g
Zinc	0.000848		0.0100	ND	U	g	0.010	0.795		g	0.0100	ND	U	g

Project: Beaumont					Table B - 4							
Site: 2					Analytical Data Summary							
Extraction Method: SW7470A					EPA Method SW7470A							
Analytical Method: SW7470A												
Matrix: Water												
Units: mg/L												
		Environmental Samples										
		Field ID:			TT-MW2-1					TT-MW2-1F		
		SDG:			05-09-1857					05-09-1857		
Parameters	MDL		Batch ID	PQL	Result (Unfiltered)	Validity	Comments	Batch ID	PQL	Result (Filtered)	Validity	Comments
Mercury	0.0000672		051003L05	0.000500	ND	U	g	051003L05	0.000500	ND	U	g

Project: Beaumont					Table B - 4							
Site: 2					Analytical Data Summary							
Extraction Method: SW7470A					EPA Method SW7470A							
Analytical Method: SW7470A												
Matrix: Water												
Units: mg/L												
		Environmental Samples										
		Field ID:			TT-MW2-2					TT-MW2-2F		
		SDG:			05-09-1857					05-09-1857		
Parameters	MDL		Batch ID	PQL	Result	Validity	Comments	Batch ID	PQL	Result	Validity	Comments
					(Unfiltered)					(Filtered)		
Mercury	0.0000672		051003L05	0.000500	ND	U	g	051003L05	0.000500	ND	U	g

Project: Beaumont					Table B - 4							
Site: 2					Analytical Data Summary							
Extraction Method: SW7470A					EPA Method SW7470A							
Analytical Method: SW7470A												
Matrix: Water												
Units: mg/L												
		Environmental Samples										
		Field ID:			TT-MW2-3					TT-MW2-103		
		SDG:			05-09-1857					05-09-1857		
Parameters	MDL		Batch ID	PQL	Result	Validity	Comments	Batch ID	PQL	Result	Validity	Comments
					(Unfiltered)					(Unfiltered)		
Mercury	0.0000672		051003L05	0.000500	ND	U	g	051003L05	0.000500	ND	U	g

Project: Beaumont					Table B - 4							
Site: 2					Analytical Data Summary							
Extraction Method: SW7470A					EPA Method SW7470A							
Analytical Method: SW7470A												
Matrix: Water												
Units: mg/L												
		Environmental Samples										
		Field ID:			TT-MW2-3F					TT-MW2-103F		
		SDG:			05-09-1857					05-09-1857		
Parameters	MDL		Batch ID	PQL	Result (Filtered)	Validity	Comments	Batch ID	PQL	Result (Filtered)	Validity	Comments
Mercury	0.0000672		051003L05	0.000500	ND	U	g	051003L05	0.000500	ND	U	g

Project: Beaumont					Table B - 4							
Site: 2					Analytical Data Summary							
Extraction Method: SW7470A					EPA Method SW7470A							
Analytical Method: SW7470A												
Matrix: Water												
Units: mg/L												
		Environmental Samples										
		Field ID:			TT-MW2-4D					TT-MW2-4DF		
		SDG:			05-09-1857					05-09-1857		
Parameters	MDL		Batch ID	PQL	Result	Validity	Comments	Batch ID	PQL	Result	Validity	Comments
					(Unfiltered)					(Filtered)		
Mercury	0.0000672		051003L05	0.000500	ND	U	g	051003L05	0.000500	ND	U	g

Project: Beaumont					Table B - 4							
Site: 2					Analytical Data Summary							
Extraction Method: SW7470A					EPA Method SW7470A							
Analytical Method: SW7470A												
Matrix: Water												
Units: mg/L												
		Environmental Samples										
		Field ID:			TT-MW2-4S					TT-MW2-4SF		
		SDG:			05-09-1857					05-09-1857		
Parameters	MDL		Batch ID	PQL	Result	Validity	Comments	Batch ID	PQL	Result	Validity	Comments
					(Unfiltered)					(Filtered)		
Mercury	0.0000672		051003L05	0.000500	ND	U	g	051003L05	0.000500	ND	U	g

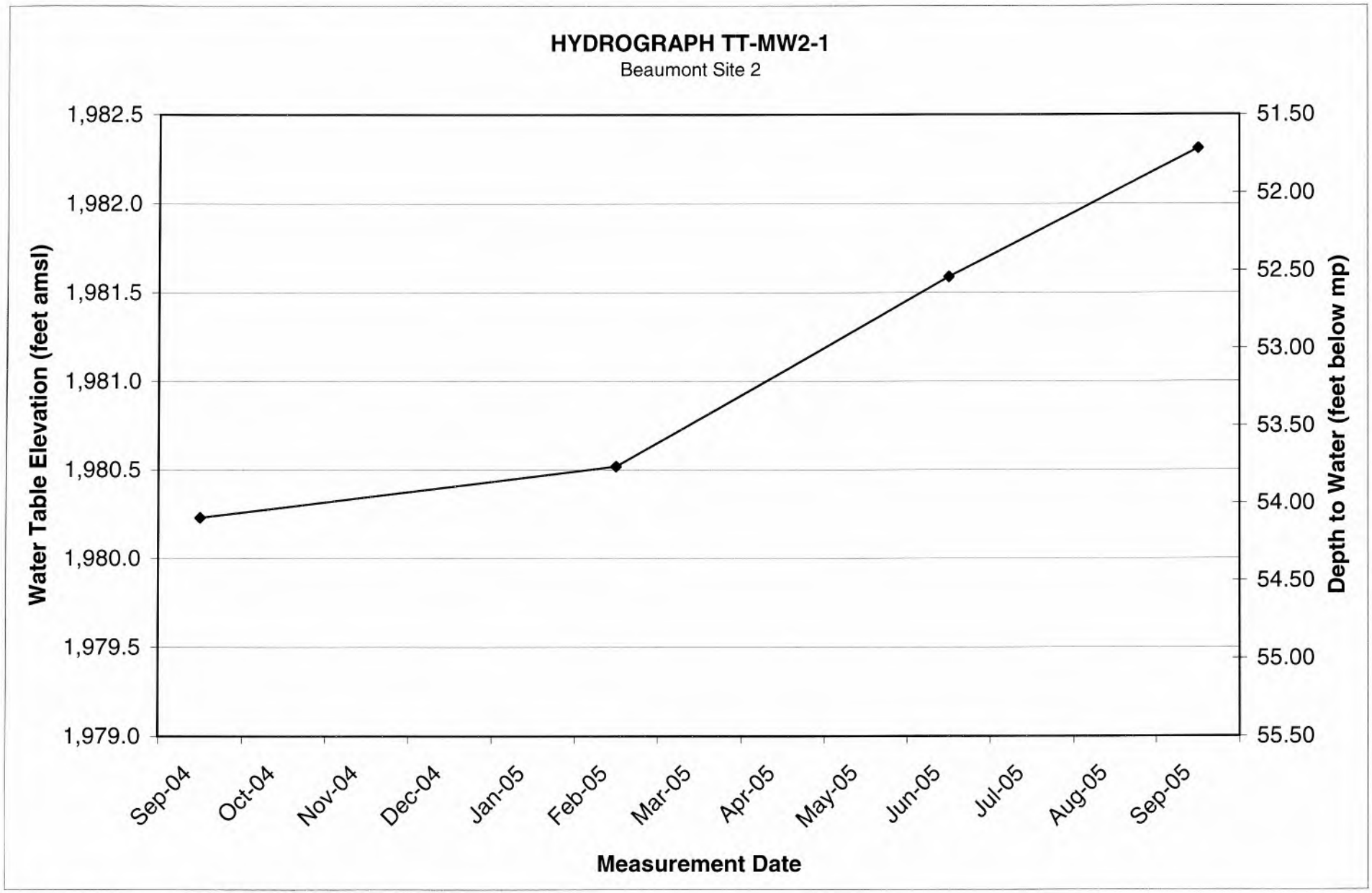
Project: Beaumont						Table B - 5								
Site: 2						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		TT-MW2-1				TT-MW2-2				TT-MW2-3		
		SDG:		05-09-1857				05-09-1857				05-09-1857		
		Batch ID:		051003L01				051003L01				051003L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,1,1,2-Tetrachloroethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1-Trichloroethane	0.32		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2,2-Tetrachloroethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.54		10	ND	U	g	10	ND	U	g	10	ND	U	g
1,1,2-Trichloroethane	0.54		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.53		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethene	0.31		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.21		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,3-Trichlorobenzene	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,3-Trichloropropane	2.3		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2,4-Trichlorobenzene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,4-Trimethylbenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.5		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.81		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.22		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,2-Dichloropropane	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3,5-Trimethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.38		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.30		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.30		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Butanone	4.2		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	1.9		10	ND	U	g	10	ND	U	g	10	ND	U	g
4-Chlorotoluene	0.30		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Methyl-2-Pentanone	2.4		10	ND	U	g	10	ND	U	g	10	ND	U	g
Acetone	6.1		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.26		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.68		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.62		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	2.9		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Disulfide	1.0		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.42		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.36		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.52		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	1.8		10	ND	U	g	10	ND	U	g	10	ND	U	g
Dibromochloromethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Ethylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Isopropylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methyl-t-Butyl Ether (MTBE)	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methylene Chloride	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g

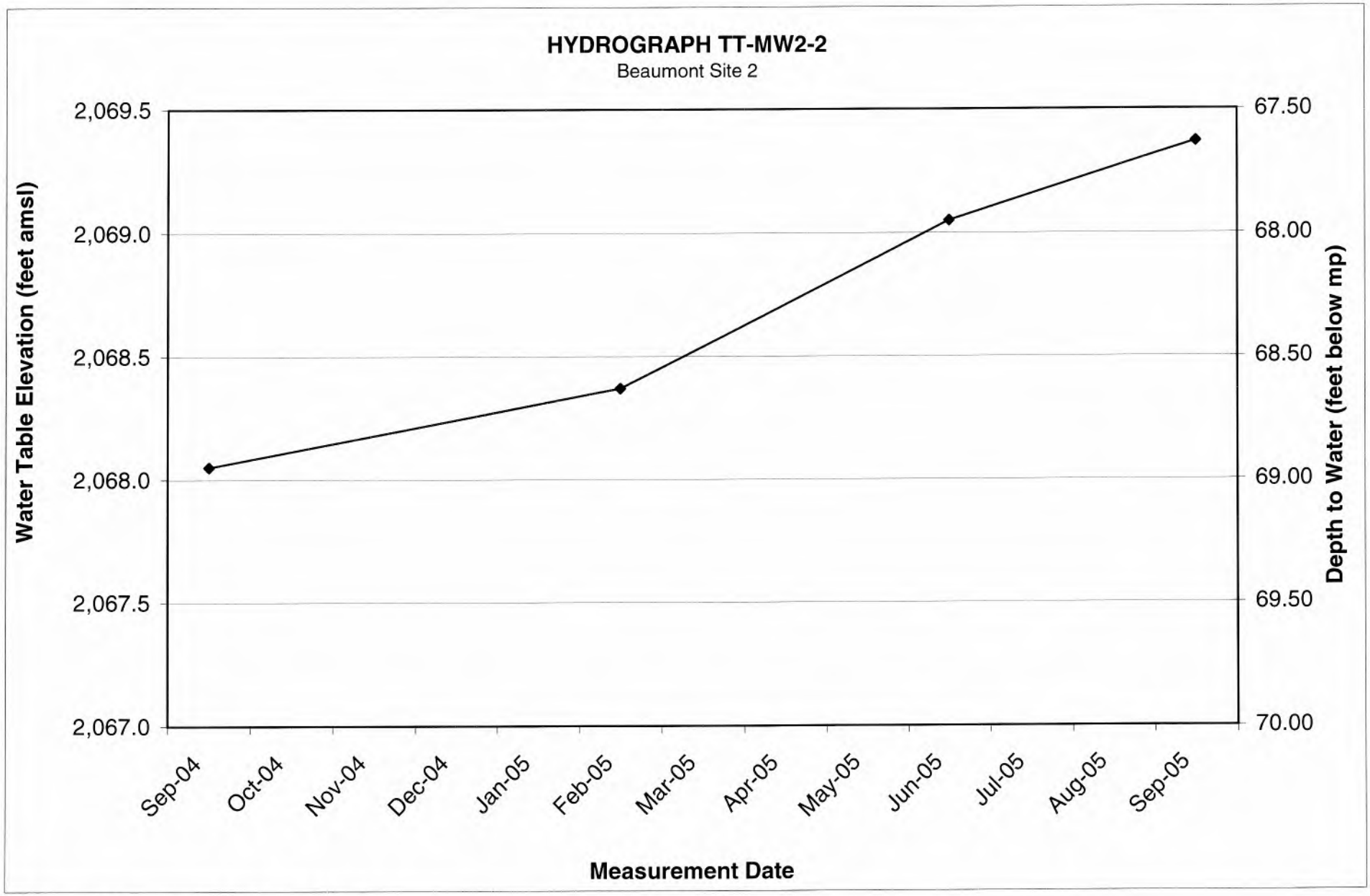
Project: Beaumont						Table B - 5								
Site: 2						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		TT-MW2-1				TT-MW2-2				TT-MW2-3		
		SDG:		05-09-1857				05-09-1857				05-09-1857		
		Batch ID:		051003L01				051003L01				051003L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Naphthalene	0.95		10	ND	U	g	10	ND	U	g	10	ND	U	g
Styrene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Tetrachloroethene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Trichloroethene	0.30		1.0	ND	U	g	1.0	ND	U	g	1.0	5.6		g
Trichlorofluoromethane	0.36		10	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Acetate	3.2		10	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Chloride	0.33		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
c-1,2-Dichloroethene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.45		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
n-Butylbenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
n-Propylbenzene	0.30		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
o-Xylene	0.21		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p-Isopropyltoluene	0.21		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p/m-Xylene	0.38		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.21		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,3-Dichloropropene	0.31		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
tert-Butylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g

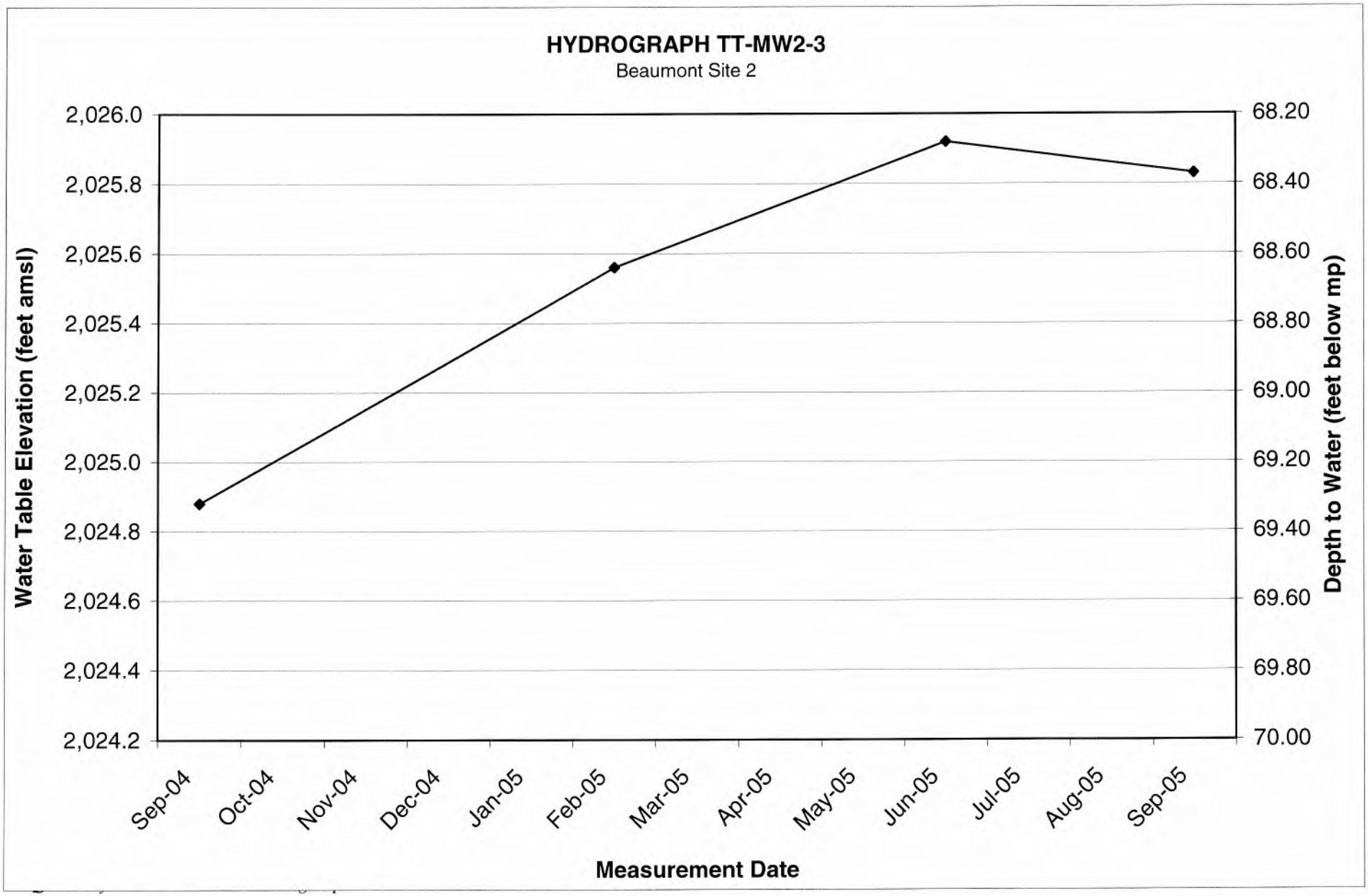
Project: Beaumont						Table B - 5								
Site: 2						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		TT-MW2-103				TT-MW2-4D				TT-MW2-4S		
		SDG:		05-09-1857				05-09-1857				05-09-1857		
		Batch ID:		051003L01				051003L01				051003L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
1,1,1,2-Tetrachloroethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1-Trichloroethane	0.32		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2,2-Tetrachloroethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.54		10	ND	U	g	10	ND	U	g	10	ND	U	g
1,1,2-Trichloroethane	0.54		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.53		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethene	0.31		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.21		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,3-Trichlorobenzene	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,3-Trichloropropane	2.3		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2,4-Trichlorobenzene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,4-Trimethylbenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.5		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.81		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.22		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,2-Dichloropropane	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3,5-Trimethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.38		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.30		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.30		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Butanone	4.2		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	1.9		10	ND	U	g	10	ND	U	g	10	ND	U	g
4-Chlorotoluene	0.30		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Methyl-2-Pentanone	2.4		10	ND	U	g	10	ND	U	g	10	ND	U	g
Acetone	6.1		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.26		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.68		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.62		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	2.9		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Disulfide	1.0		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.42		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.36		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.52		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	1.8		10	ND	U	g	10	ND	U	g	10	ND	U	g
Dibromochloromethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Ethylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Isopropylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methyl-t-Butyl Ether (MTBE)	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methylene Chloride	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g

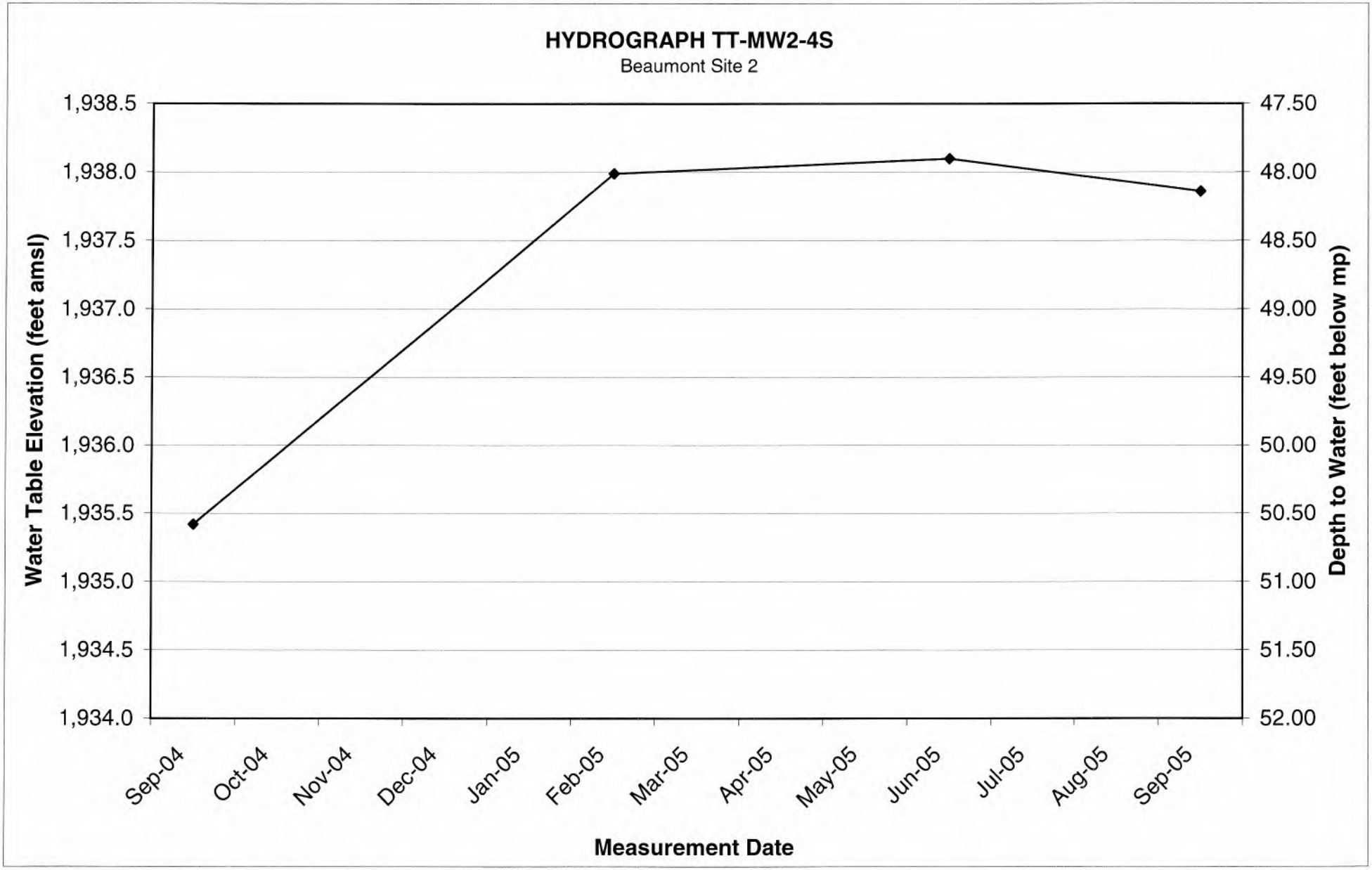
Project: Beaumont						Table B - 5								
Site: 2						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		TT-MW2-103				TT-MW2-4D				TT-MW2-4S		
		SDG:		05-09-1857				05-09-1857				05-09-1857		
		Batch ID:		051003L01				051003L01				051003L01		
Parameters	MDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Naphthalene	0.95		10	ND	U	g	10	ND	U	g	10	ND	U	g
Styrene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Tetrachloroethene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Trichloroethene	0.30		1.0	5.6		g	1.0	ND	U	g	1.0	ND	U	g
Trichlorofluoromethane	0.36		10	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Acetate	3.2		10	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Chloride	0.33		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
c-1,2-Dichloroethene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.45		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
n-Butylbenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
n-Propylbenzene	0.30		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
o-Xylene	0.21		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p-Isopropyltoluene	0.21		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p/m-Xylene	0.38		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.21		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,3-Dichloropropene	0.31		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
tert-Butylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g

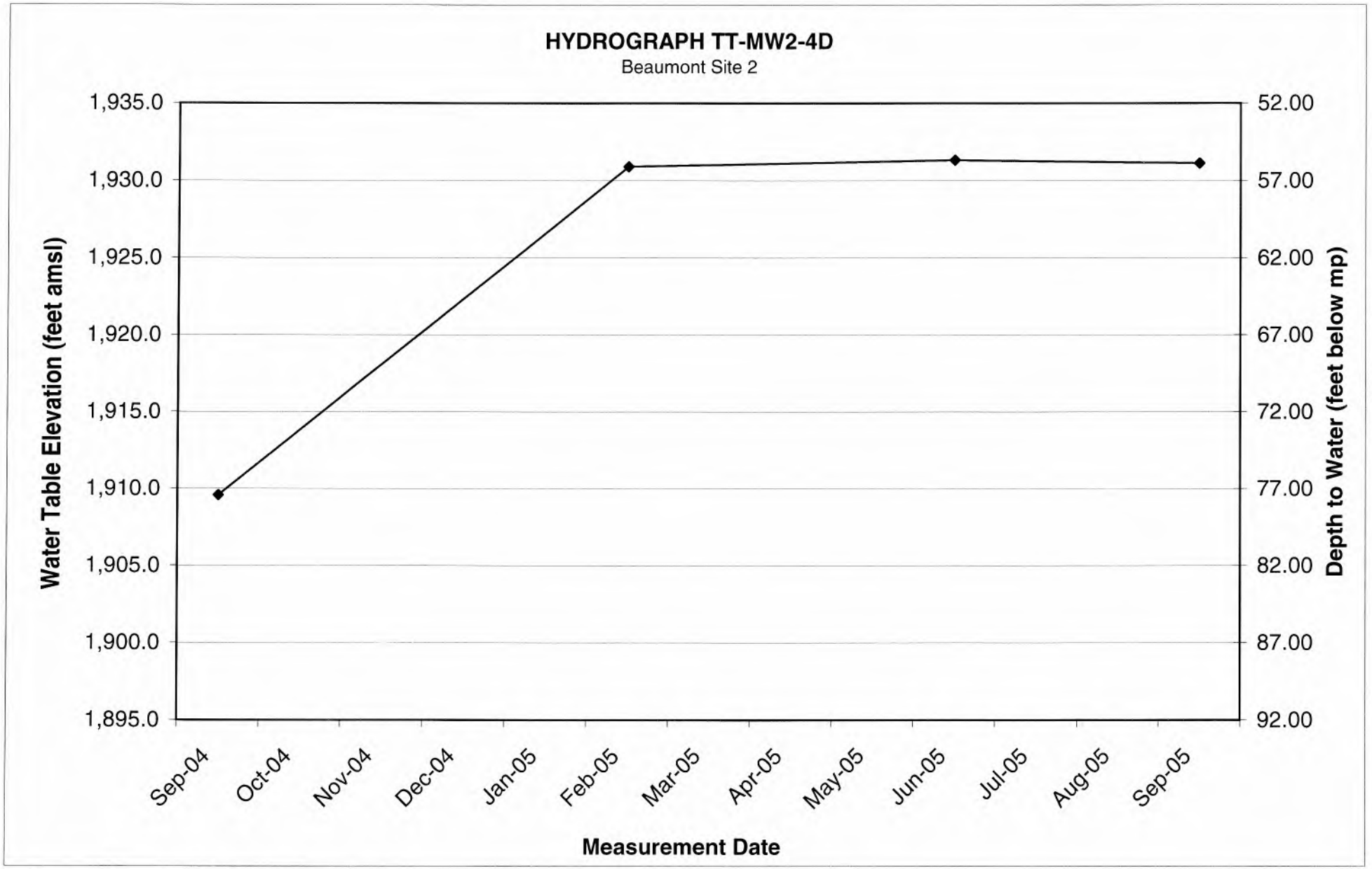
APPENDIX D – WATER LEVEL HYDROGRAPHS


HYDROGRAPH TT-MW2-1
Beaumont Site 2
Water Table Elevation (feet amsl)
1,982.5
1,982.0
1,981.5
1,981.0
1,980.5
1,980.0
1,979.5
1,979.0
Depth to Water (feet below mp)
51.50
52.00
52.50
53.00
53.50
54.00
54.50
55.00
55.50
Sep-04
Oct-04
Nov-04
Dec-04
Jan-05
Feb-05
Mar-05
Apr-05
May-05
Jun-05
Jul-05
Aug-05
Sep-05
Measurement Date

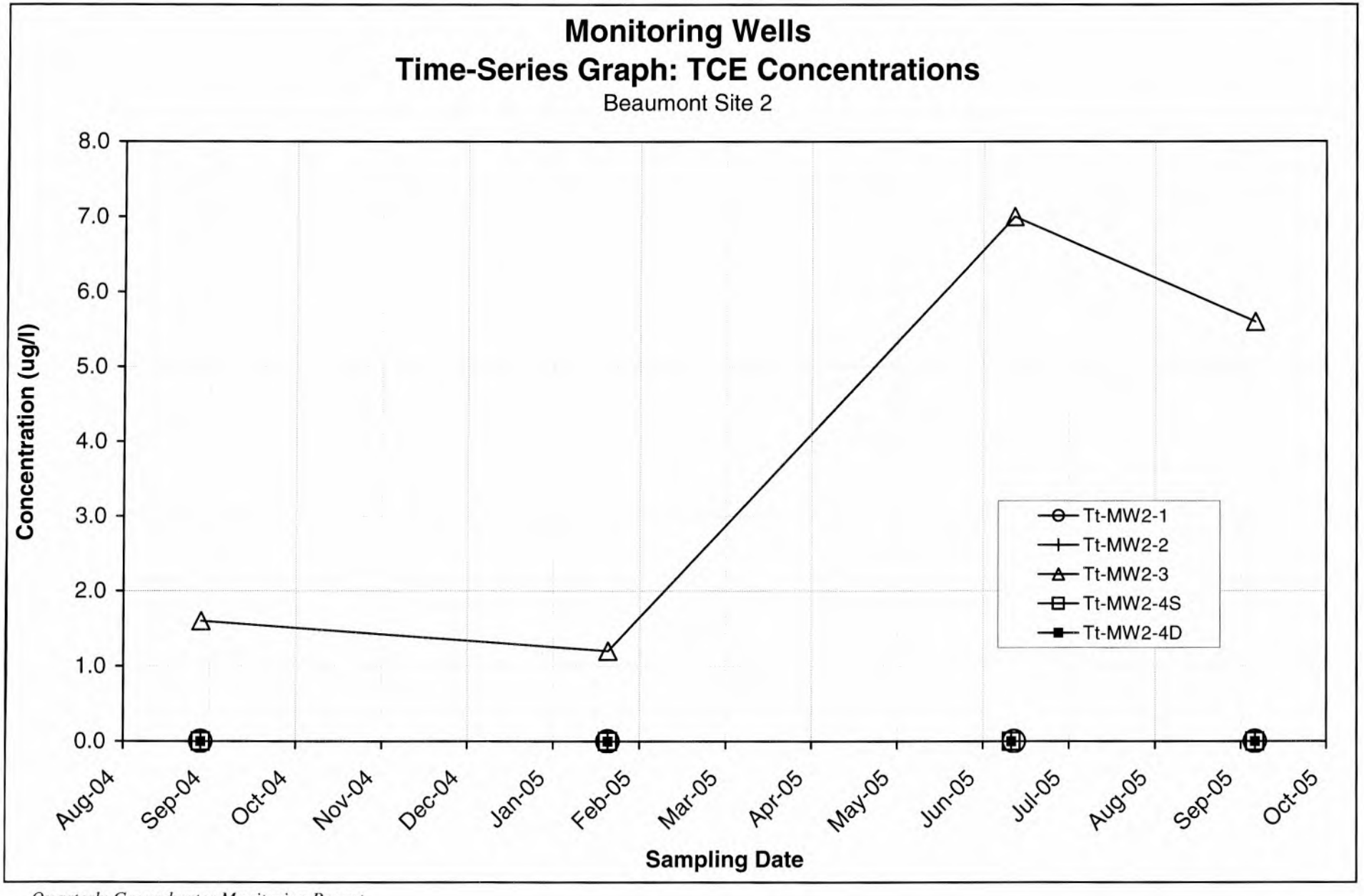

HYDROGRAPH TT-MW2-2
Beaumont Site 2
Water Table Elevation (feet amsl)
2,069.5
2,069.0
2,068.5
2,068.0
2,067.5
2,067.0
Depth to Water (feet below mp)
67.50
68.00
68.50
69.00
69.50
70.00
Sep-04
Oct-04
Nov-04
Dec-04
Jan-05
Feb-05
Mar-05
Apr-05
May-05
Jun-05
Jul-05
Aug-05
Sep-05
Measurement Date

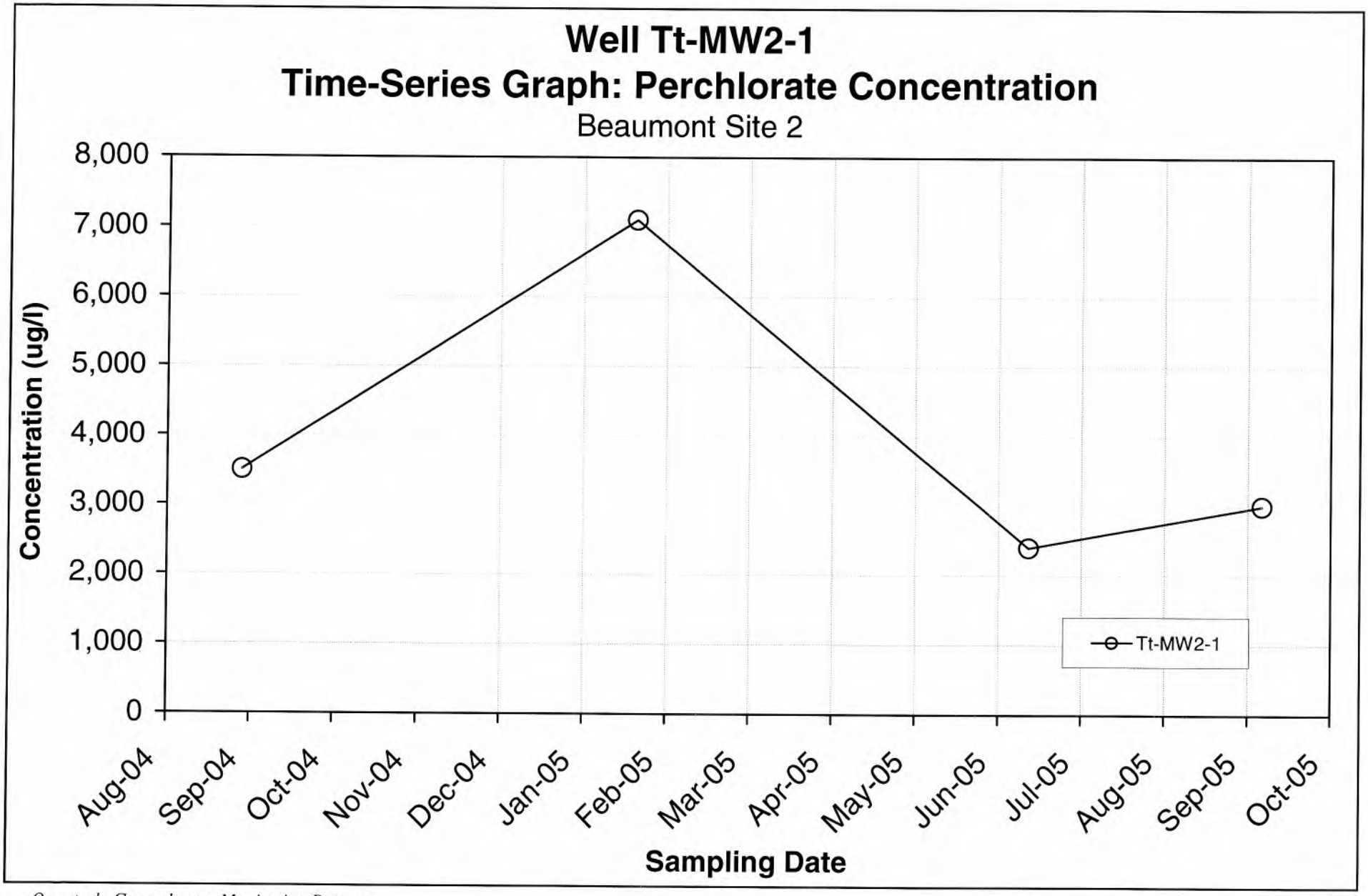

HYDROGRAPH TT-MW2-3
Beaumont Site 2
Water Table Elevation (feet amsl)
2,026.0
2,025.8
2,025.6
2,025.4
2,025.2
2,025.0
2,024.8
2,024.6
2,024.4
2,024.2
Depth to Water (feet below mp)
68.20
68.40
68.60
68.80
69.00
69.20
69.40
69.60
69.80
70.00
Sep-04
Oct-04
Nov-04
Dec-04
Jan-05
Feb-05
Mar-05
Apr-05
May-05
Jun-05
Jul-05
Aug-05
Sep-05
Measurement Date

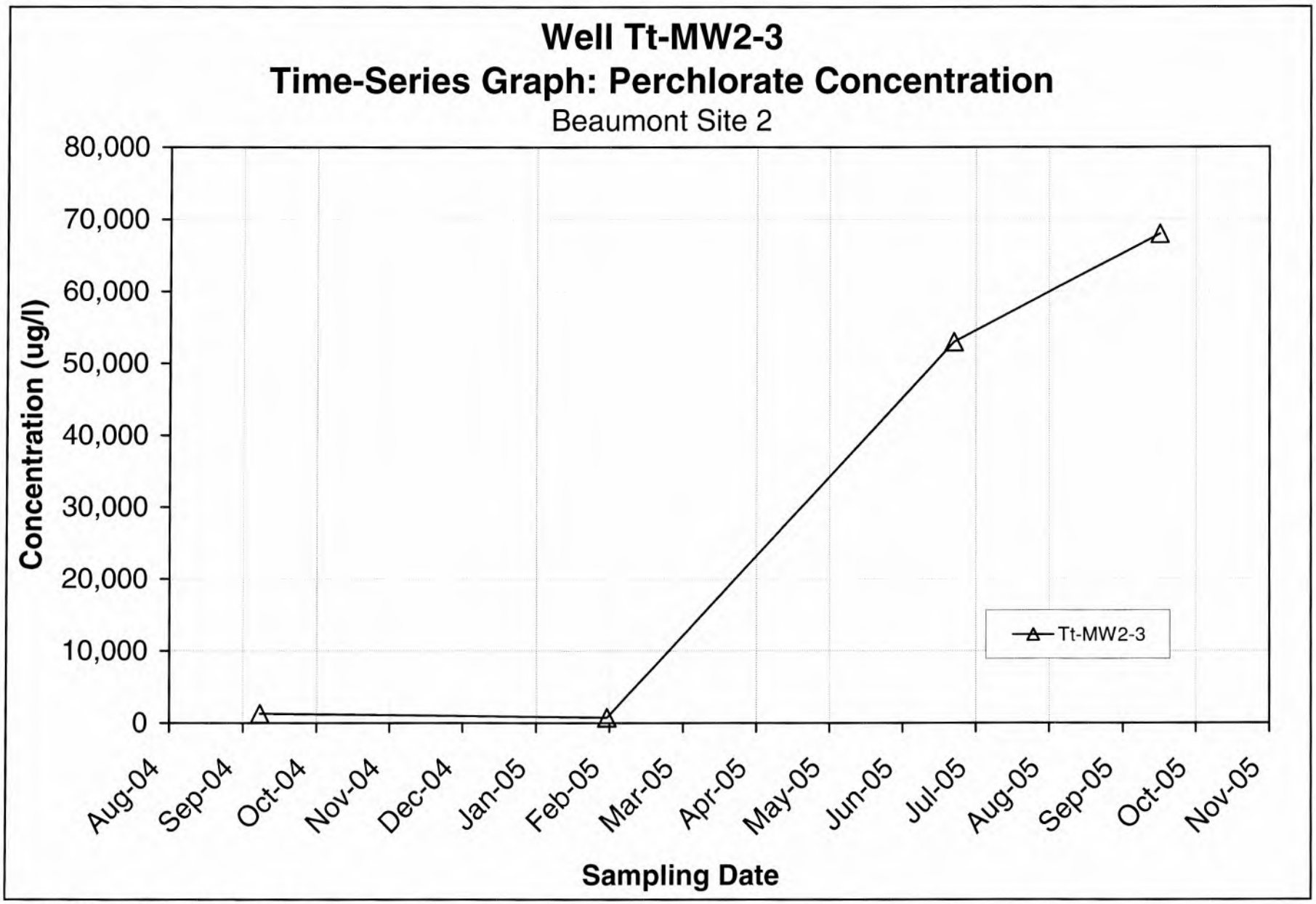

HYDROGRAPH TT-MW2-4S
Beaumont Site 2
Water Table Elevation (feet amsl)
1,938.5
1,938.0
1,937.5
1,937.0
1,936.5
1,936.0
1,935.5
1,935.0
1,934.5
1,934.0
Depth to Water (feet below mp)
47.50
48.00
48.50
49.00
49.50
50.00
50.50
51.00
51.50
52.00
Sep-04
Oct-04
Nov-04
Dec-04
Jan-05
Feb-05
Mar-05
Apr-05
May-05
Jun-05
Jul-05
Aug-05
Sep-05
Measurement Date

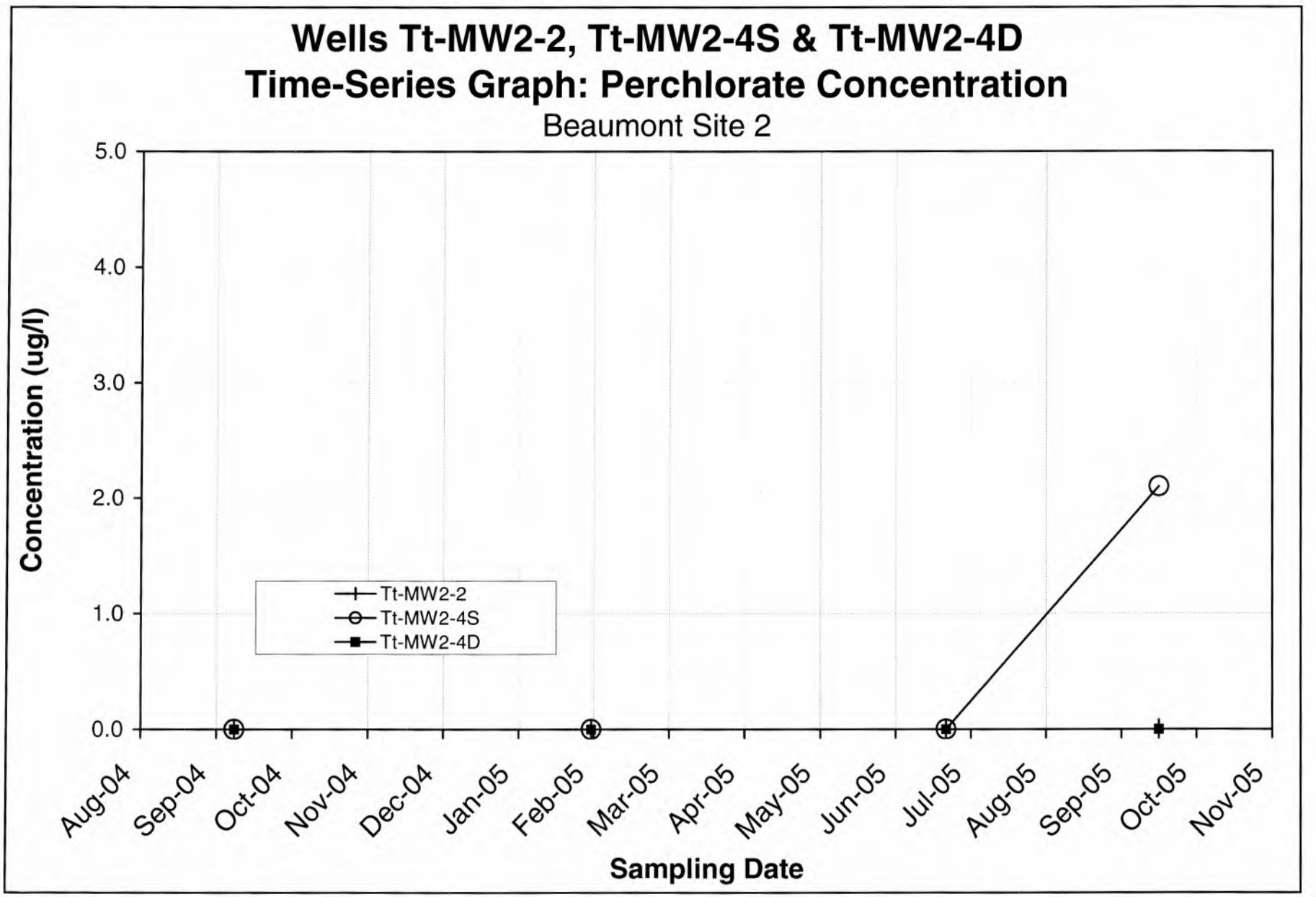

HYDROGRAPH TT-MW2-4D
Beaumont Site 2
Water Table Elevation (feet amsl)
Depth to Water (feet below mp)
1,935.0
1,930.0
1,925.0
1,920.0
1,915.0
1,910.0
1,905.0
1,900.0
1,895.0
52.00
57.00
62.00
67.00
72.00
77.00
82.00
87.00
92.00
Sep-04
Oct-04
Nov-04
Dec-04
Jan-05
Feb-05
Mar-05
Apr-05
May-05
Jun-05
Jul-05
Aug-05
Sep-05
Measurement Date

APPENDIX E – COPC TIME–SERIES GRAPHS


Monitoring Wells
Time-Series Graph: TCE Concentrations
Beaumont Site 2
Concentration (ug/l)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Aug-04
Sep-04
Oct-04
Nov-04
Dec-04
Jan-05
Feb-05
Mar-05
Apr-05
May-05
Jun-05
Jul-05
Aug-05
Sep-05
Oct-05
Sampling Date
Tt-MW2-1
Tt-MW2-2
Tt-MW2-3
Tt-MW2-4S
Tt-MW2-4D


Well Tt-MW2-1
Time-Series Graph: Perchlorate Concentration
Beaumont Site 2
Concentration (ug/l)
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Aug-04
Sep-04
Oct-04
Nov-04
Dec-04
Jan-05
Feb-05
Mar-05
Apr-05
May-05
Jun-05
Jul-05
Aug-05
Sep-05
Oct-05
Sampling Date
Tt-MW2-1


Well Tt-MW2-3
Time-Series Graph: Perchlorate Concentration
Beaumont Site 2
Concentration (ug/l)
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Aug-04
Sep-04
Oct-04
Nov-04
Dec-04
Jan-05
Feb-05
Mar-05
Apr-05
May-05
Jun-05
Jul-05
Aug-05
Sep-05
Oct-05
Nov-05
Sampling Date
Tt-MW2-3


Wells Tt-MW2-2, Tt-MW2-4S & Tt-MW2-4D
Time-Series Graph: Perchlorate Concentration
Beaumont Site 2
Concentration (ug/l)
5.0
4.0
3.0
2.0
1.0
0.0
Tt-MW2-2
Tt-MW2-4S
Tt-MW2-4D
Aug-04
Sep-04
Oct-04
Nov-04
Dec-04
Jan-05
Feb-05
Mar-05
Apr-05
May-05
Jun-05
Jul-05
Aug-05
Sep-05
Oct-05
Nov-05
Sampling Date

APPENDIX F – LABORATORY ANALYTICAL DATA PACKAGES

Calscience Environmental Laboratories, Inc.

October 12, 2005

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

Subject: **Calscience Work Order No.: 05-09-1857**
Client Reference: Beaumont Site 2 - 16392-01

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 9/30/2005 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

Calscience Environmental
Laboratories, Inc.
Jason Torres
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	09/30/05
348 West Hospitality Lane, Ste 100		Work Order No:	05-09-1857
San Bernardino, CA 92408-3216		Preparation:	EPA 3005A Filt. / EPA 7470A Filt.
		Method:	EPA 6010B / EPA 7470A
		Units:	mg/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-093005-GP	**05-09-1857-2**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:19:08 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Mercury	ND	0.000500	1	
Arsenic	ND	0.0100	1		Molybdenum	ND	0.00500	1	
Barium	ND	0.0100	1		Nickel	ND	0.00500	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Silver	ND	0.00500	1	
Chromium	ND	0.00500	1		Thallium	ND	0.0150	1	
Cobalt	ND	0.00500	1		Vanadium	ND	0.00500	1	
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-093005-B	**05-09-1857-3**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:29:27 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Mercury	ND	0.000500	1	
Arsenic	ND	0.0100	1		Molybdenum	ND	0.00500	1	
Barium	ND	0.0100	1		Nickel	ND	0.00500	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Silver	ND	0.00500	1	
Chromium	ND	0.00500	1		Thallium	ND	0.0150	1	
Cobalt	ND	0.00500	1		Vanadium	ND	0.00500	1	
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-2	**05-09-1857-4**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:31:41 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Mercury	ND	0.000500	1	
Arsenic	ND	0.0100	1		Molybdenum	ND	0.00500	1	
Barium	ND	0.0100	1		Nickel	ND	0.00500	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Silver	ND	0.00500	1	
Chromium	ND	0.00500	1		Thallium	ND	0.0150	1	
Cobalt	ND	0.00500	1		Vanadium	0.0134	0.005	1	
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	09/30/05
348 West Hospitality Lane, Ste 100		Work Order No:	05-09-1857
San Bernardino, CA 92408-3216		Preparation:	EPA 3005A Filt. / EPA 7470A Filt.
		Method:	EPA 6010B / EPA 7470A
		Units:	mg/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-4S	**05-09-1857-5**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:33:55 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Mercury	ND	0.000500	1	
Arsenic	0.0430	0.01	1		Molybdenum	0.00971	0.005	1	
Barium	ND	0.0100	1		Nickel	ND	0.00500	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Silver	ND	0.00500	1	
Chromium	ND	0.00500	1		Thallium	ND	0.0150	1	
Cobalt	ND	0.00500	1		Vanadium	0.124	0.005	1	
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-4D	**05-09-1857-6**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:36:10 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Mercury	ND	0.000500	1	
Arsenic	0.0823	0.01	1		Molybdenum	0.00989	0.005	1	
Barium	ND	0.0100	1		Nickel	ND	0.00500	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Silver	ND	0.00500	1	
Chromium	ND	0.00500	1		Thallium	ND	0.0150	1	
Cobalt	ND	0.00500	1		Vanadium	0.127	0.005	1	
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-1	**05-09-1857-7**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:38:26 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Mercury	ND	0.000500	1	
Arsenic	ND	0.0100	1		Molybdenum	ND	0.00500	1	
Barium	0.125	0.01	1		Nickel	ND	0.00500	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Silver	ND	0.00500	1	
Chromium	0.00506	0.005	1		Thallium	ND	0.0150	1	
Cobalt	ND	0.00500	1		Vanadium	ND	0.00500	1	
Copper	ND	0.00500	1		Zinc	0.0125	0.01	1	
Lead	ND	0.0100	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 3005A Filt. / EPA 7470A Filt.
	Method:	EPA 6010B / EPA 7470A
	Units:	mg/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-3	**05-09-1857-8**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:40:43 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Mercury	ND	0.000500	1	
Arsenic	ND	0.0100	1		Molybdenum	ND	0.00500	1	
Barium	0.104	0.01	1		Nickel	ND	0.00500	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Silver	ND	0.00500	1	
Chromium	ND	0.00500	1		Thallium	ND	0.0150	1	
Cobalt	ND	0.00500	1		Vanadium	ND	0.00500	1	
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-103	**05-09-1857-9**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:42:59 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Mercury	ND	0.000500	1	
Arsenic	ND	0.0100	1		Molybdenum	ND	0.00500	1	
Barium	0.103	0.01	1		Nickel	ND	0.00500	1	
Beryllium	ND	0.00100	1		Selenium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Silver	ND	0.00500	1	
Chromium	ND	0.00500	1		Thallium	ND	0.0150	1	
Cobalt	ND	0.00500	1		Vanadium	ND	0.00500	1	
Copper	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.		Date Received:	09/30/05
348 West Hospitality Lane, Ste 100		Work Order No:	05-09-1857
San Bernardino, CA 92408-3216		Preparation:	EPA 3010A Total / EPA 7470A Total
		Method:	EPA 6010B / EPA 7470A
		Units:	mg/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-04-008-2,133**	**N/A**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L05**

Parameter	Result	RL	DF	Qual
Mercury	ND	0.000500	1	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-003-5,394**	**N/A**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Molybdenum	ND	0.00500	1	
Arsenic	ND	0.0100	1		Nickel	ND	0.00500	1	
Barium	ND	0.0100	1		Selenium	ND	0.0150	1	
Beryllium	ND	0.00100	1		Silver	ND	0.00500	1	
Cadmium	ND	0.00500	1		Thallium	ND	0.0150	1	
Chromium	ND	0.00500	1		Vanadium	ND	0.00500	1	
Cobalt	ND	0.00500	1		Zinc	ND	0.0100	1	
Copper	ND	0.00500	1		Lead	ND	0.0100	1	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 3010A Total / EPA 7470A Total
	Method:	EPA 6010B / EPA 7470A
	Units:	mg/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-093005-GP	**05-09-1857-2**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 1:56:52 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Nickel	ND	0.00500	1	
Arsenic	ND	0.0100	1		Selenium	ND	0.0150	1	
Barium	ND	0.0100	1		Silver	ND	0.00500	1	
Beryllium	ND	0.00100	1		Thallium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Vanadium	ND	0.00500	1	
Chromium	ND	0.00500	1		Zinc	0.0181	0.01	1	
Cobalt	ND	0.00500	1		Calcium	ND	0.100	1	
Copper	ND	0.00500	1		Magnesium	ND	0.100	1	
Lead	ND	0.0100	1		Potassium	ND	0.500	1	
Mercury	ND	0.000500	1		Sodium	ND	0.500	1	
Molybdenum	ND	0.00500	1						

LEB-093005-B	**05-09-1857-3**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 1:59:10 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Nickel	ND	0.00500	1	
Arsenic	ND	0.0100	1		Selenium	ND	0.0150	1	
Barium	ND	0.0100	1		Silver	ND	0.00500	1	
Beryllium	ND	0.00100	1		Thallium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Vanadium	ND	0.00500	1	
Chromium	ND	0.00500	1		Zinc	ND	0.0100	1	
Cobalt	ND	0.00500	1		Calcium	ND	0.100	1	
Copper	ND	0.00500	1		Magnesium	ND	0.100	1	
Lead	ND	0.0100	1		Potassium	ND	0.500	1	
Mercury	ND	0.000500	1		Sodium	ND	0.500	1	
Molybdenum	ND	0.00500	1						

TT-MW2-2	**05-09-1857-4**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:05:54 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Nickel	ND	0.00500	1	
Arsenic	ND	0.0100	1		Selenium	ND	0.0150	1	
Barium	0.0128	0.01	1		Silver	ND	0.00500	1	
Beryllium	ND	0.00100	1		Thallium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Vanadium	0.0107	0.005	1	
Chromium	ND	0.00500	1		Zinc	0.0134	0.01	1	
Cobalt	ND	0.00500	1		Calcium	7.48	0.1	1	
Copper	ND	0.00500	1		Magnesium	1.07	0.1	1	
Lead	ND	0.0100	1		Potassium	0.813	0.5	1	
Mercury	ND	0.000500	1		Sodium	110	0.500	1	
Molybdenum	ND	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 3010A Total / EPA 7470A Total
	Method:	EPA 6010B / EPA 7470A
	Units:	mg/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-4S	**05-09-1857-5**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:08:05 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	0.0932	0.015	1		Nickel	0.229	0.005	1	
Arsenic	ND	0.0100	1		Selenium	ND	0.0150	1	
Barium	1.87	0.01	1		Silver	ND	0.00500	1	
Beryllium	0.0118	0.001	1		Thallium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Vanadium	0.629	0.005	1	
Chromium	0.296	0.005	1		Zinc	0.795	0.01	1	
Cobalt	0.123	0.005	1		Calcium	157	0.100	1	
Copper	0.287	0.005	1		Magnesium	102	0.100	1	
Lead	0.127	0.01	1		Potassium	42.2	0.5	1	
Mercury	ND	0.000500	1		Sodium	120	0.500	1	
Molybdenum	ND	0.00500	1						

TT-MW2-4D	**05-09-1857-6**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:10:16 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Nickel	0.00955	0.005	1	
Arsenic	0.0569	0.01	1		Selenium	ND	0.0150	1	
Barium	0.0587	0.01	1		Silver	ND	0.00500	1	
Beryllium	ND	0.00100	1		Thallium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Vanadium	0.137	0.005	1	
Chromium	0.0115	0.005	1		Zinc	0.0320	0.01	1	
Cobalt	0.00522	0.005	1		Calcium	6.84	0.1	1	
Copper	0.0142	0.005	1		Magnesium	4.18	0.1	1	
Lead	ND	0.0100	1		Potassium	2.58	0.5	1	
Mercury	ND	0.000500	1		Sodium	65.4	0.5	1	
Molybdenum	0.0111	0.005	1						

TT-MW2-1	**05-09-1857-7**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:12:28 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Nickel	ND	0.00500	1	
Arsenic	ND	0.0100	1		Selenium	ND	0.0150	1	
Barium	0.133	0.01	1		Silver	ND	0.00500	1	
Beryllium	ND	0.00100	1		Thallium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Vanadium	0.0052	0.005	1	
Chromium	0.0055	0.005	1		Zinc	0.0149	0.01	1	
Cobalt	ND	0.00500	1		Calcium	62.0	0.1	1	
Copper	0.0060	0.005	1		Magnesium	11.1	0.1	1	
Lead	ND	0.0100	1		Potassium	2.42	0.5	1	
Mercury	ND	0.000500	1		Sodium	169	0.500	1	
Molybdenum	ND	0.00500	1						

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 3010A Total / EPA 7470A Total
	Method:	EPA 6010B / EPA 7470A
	Units:	mg/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-3	**05-09-1857-8**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:14:40 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Nickel	ND	0.00500	1	
Arsenic	ND	0.0100	1		Selenium	0.0151	0.015	1	
Barium	0.120	0.01	1		Silver	ND	0.00500	1	
Beryllium	ND	0.00100	1		Thallium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Vanadium	0.0051	0.005	1	
Chromium	0.0056	0.005	1		Zinc	0.0168	0.01	1	
Cobalt	ND	0.00500	1		Calcium	87.3	0.1	1	
Copper	0.0051	0.005	1		Magnesium	13.8	0.1	1	
Lead	ND	0.0100	1		Potassium	3.46	0.5	1	
Mercury	ND	0.000500	1		Sodium	187	0.500	1	
Molybdenum	ND	0.00500	1						

TT-MW2-103	**05-09-1857-9**	**09/30/05**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Comment(s): -Mercury was analyzed on 10/6/2005 2:16:53 PM with batch 051003L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Nickel	ND	0.00500	1	
Arsenic	ND	0.0100	1		Selenium	ND	0.0150	1	
Barium	0.118	0.01	1		Silver	ND	0.00500	1	
Beryllium	ND	0.00100	1		Thallium	ND	0.0150	1	
Cadmium	ND	0.00500	1		Vanadium	0.0060	0.005	1	
Chromium	0.0059	0.005	1		Zinc	0.0149	0.01	1	
Cobalt	ND	0.00500	1		Calcium	84.8	0.1	1	
Copper	0.0072	0.005	1		Magnesium	13.8	0.1	1	
Lead	ND	0.0100	1		Potassium	3.57	0.5	1	
Mercury	ND	0.000500	1		Sodium	181	0.500	1	
Molybdenum	ND	0.00500	1						

Method Blank	**099-04-008-2,133**	**N/A**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L05**

Parameter	Result	RL	DF	Qual
Mercury	ND	0.000500	1	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 09/30/05
Work Order No: 05-09-1857
Preparation: EPA 3010A Total / EPA 7470A Total
Method: EPA 6010B / EPA 7470A
Units: mg/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**097-01-003-5,394**	**N/A**	**Aqueous**	**10/03/05**	**10/04/05**	**051003L06**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.0150	1		Selenium	ND	0.0150	1	
Arsenic	ND	0.0100	1		Silver	ND	0.00500	1	
Barium	ND	0.0100	1		Thallium	ND	0.0150	1	
Beryllium	ND	0.00100	1		Vanadium	ND	0.00500	1	
Cadmium	ND	0.00500	1		Zinc	ND	0.0100	1	
Chromium	ND	0.00500	1		Calcium	ND	0.100	1	
Cobalt	ND	0.00500	1		Magnesium	ND	0.100	1	
Copper	ND	0.00500	1		Potassium	ND	0.500	1	
Lead	ND	0.0100	1		Sodium	ND	0.500	1	
Molybdenum	ND	0.00500	1		Nickel	ND	0.00500	1	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LTB-093005	**05-09-1857-1**	**09/30/05**	**Aqueous**	**10/03/05**	**10/03/05**	**051003L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	1.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	96	74-140			1,2-Dichloroethane-d4	98	74-146		
Toluene-d8	89	88-112			1,4-Bromofluorobenzene	91	74-110		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-093005-GP	**05-09-1857-2**	**09/30/05**	**Aqueous**	**10/03/05**	**10/03/05**	**051003L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	1.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	95	74-140			1,2-Dichloroethane-d4	97	74-146		
Toluene-d8	97	88-112			1,4-Bromofluorobenzene	92	74-110		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-093005-B	**05-09-1857-3**	**09/30/05**	**Aqueous**	**10/03/05**	**10/03/05**	**051003L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	1.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	94	74-140			1,2-Dichloroethane-d4	97	74-146		
Toluene-d8	96	88-112			1,4-Bromofluorobenzene	94	74-110		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-2	**05-09-1857-4**	**09/30/05**	**Aqueous**	**10/03/05**	**10/03/05**	**051003L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	1.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	95	74-140			1,2-Dichloroethane-d4	99	74-146		
Toluene-d8	98	88-112			1,4-Bromofluorobenzene	93	74-110		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received:	09/30/05
Work Order No:	05-09-1857
Preparation:	EPA 5030B
Method:	EPA 8260B
Units:	ug/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-4S	**05-09-1857-5**	**09/30/05**	**Aqueous**	**10/03/05**	**10/03/05**	**051003L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	1.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	98	74-140			1,2-Dichloroethane-d4	103	74-146		
Toluene-d8	96	88-112			1,4-Bromofluorobenzene	92	74-110		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-4D	**05-09-1857-6**	**09/30/05**	**Aqueous**	**10/03/05**	**10/03/05**	**051003L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	1.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	96	88-112			1,4-Bromofluorobenzene	92	74-110		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-1	**05-09-1857-7**	**09/30/05**	**Aqueous**	**10/03/05**	**10/03/05**	**051003L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	1.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	95	74-140			1,2-Dichloroethane-d4	100	74-146		
Toluene-d8	98	88-112			1,4-Bromofluorobenzene	93	74-110		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-3	**05-09-1857-8**	**09/30/05**	**Aqueous**	**10/03/05**	**10/03/05**	**051003L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	1.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	5.6	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	98	74-140			1,2-Dichloroethane-d4	104	74-146		
Toluene-d8	97	88-112			1,4-Bromofluorobenzene	92	74-110		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TT-MW2-103	**05-09-1857-9**	**09/30/05**	**Aqueous**	**10/03/05**	**10/03/05**	**051003L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	1.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	5.6	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	99	74-140			1,2-Dichloroethane-d4	106	74-146		
Toluene-d8	96	88-112			1,4-Bromofluorobenzene	92	74-110		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Tetra Tech, Inc.	Date Received:	09/30/05
348 West Hospitality Lane, Ste 100	Work Order No:	05-09-1857
San Bernardino, CA 92408-3216	Preparation:	EPA 5030B
	Method:	EPA 8260B
	Units:	ug/L

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-15,842**	**N/A**	**Aqueous**	**10/03/05**	**10/03/05**	**051003L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	10	1		1,3-Dichloropropane	ND	1.0	1	
Benzene	ND	0.50	1		2,2-Dichloropropane	ND	1.0	1	
Bromobenzene	ND	1.0	1		1,1-Dichloropropene	ND	1.0	1	
Bromochloromethane	ND	1.0	1		c-1,3-Dichloropropene	ND	0.50	1	
Bromodichloromethane	ND	1.0	1		t-1,3-Dichloropropene	ND	0.50	1	
Bromoform	ND	1.0	1		Ethylbenzene	ND	1.0	1	
Bromomethane	ND	10	1		2-Hexanone	ND	10	1	
2-Butanone	ND	10	1		Isopropylbenzene	ND	1.0	1	
n-Butylbenzene	ND	1.0	1		p-Isopropyltoluene	ND	1.0	1	
sec-Butylbenzene	ND	1.0	1		Methylene Chloride	ND	10	1	
tert-Butylbenzene	ND	1.0	1		4-Methyl-2-Pentanone	ND	10	1	
Carbon Disulfide	ND	10	1		Naphthalene	ND	10	1	
Carbon Tetrachloride	ND	0.50	1		n-Propylbenzene	ND	1.0	1	
Chlorobenzene	ND	1.0	1		Styrene	ND	1.0	1	
Chloroethane	ND	1.0	1		1,1,1,2-Tetrachloroethane	ND	1.0	1	
Chloroform	ND	1.0	1		1,1,2,2-Tetrachloroethane	ND	1.0	1	
Chloromethane	ND	10	1		Tetrachloroethene	ND	1.0	1	
2-Chlorotoluene	ND	1.0	1		Toluene	ND	1.0	1	
4-Chlorotoluene	ND	1.0	1		1,2,3-Trichlorobenzene	ND	1.0	1	
Dibromochloromethane	ND	1.0	1		1,2,4-Trichlorobenzene	ND	1.0	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	1		1,1,1-Trichloroethane	ND	1.0	1	
1,2-Dibromoethane	ND	1.0	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	1	
Dibromomethane	ND	1.0	1		1,1,2-Trichloroethane	ND	1.0	1	
1,2-Dichlorobenzene	ND	1.0	1		Trichloroethene	ND	1.0	1	
1,3-Dichlorobenzene	ND	1.0	1		Trichlorofluoromethane	ND	10	1	
1,4-Dichlorobenzene	ND	1.0	1		1,2,3-Trichloropropane	ND	5.0	1	
Dichlorodifluoromethane	ND	1.0	1		1,2,4-Trimethylbenzene	ND	1.0	1	
1,1-Dichloroethane	ND	1.0	1		1,3,5-Trimethylbenzene	ND	1.0	1	
1,2-Dichloroethane	ND	0.50	1		Vinyl Acetate	ND	10	1	
1,1-Dichloroethene	ND	1.0	1		Vinyl Chloride	ND	0.50	1	
c-1,2-Dichloroethene	ND	1.0	1		p/m-Xylene	ND	1.0	1	
t-1,2-Dichloroethene	ND	1.0	1		o-Xylene	ND	1.0	1	
1,2-Dichloropropane	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	96	74-140		1,2-Dichloroethane-d4	98	74-146	
Toluene-d8	96	88-112		1,4-Bromofluorobenzene	92	74-110	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 09/30/05
Work Order No: 05-09-1857

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix
LEB-093005-GP	**05-09-1857-2**	**09/30/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Dissolved	2.0	1.0	1		mg/L	N/A	10/06/05	EPA 160.1
Chloride	ND	1.0	1		mg/L	N/A	10/01/05	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	10/01/05	EPA 300.0
Sulfate	1.1	1.0	1		mg/L	N/A	10/01/05	EPA 300.0
Perchlorate	ND	2.0	1		ug/L	N/A	10/05/05	EPA 314.0
Bicarbonate (as CaCO3)	ND	1.0	1		mg/L	N/A	10/06/05	SM 2320B
Carbonate (as CaCO3)	ND	1.0	1		mg/L	N/A	10/06/05	SM 2320B

LEB-093005-B	**05-09-1857-3**	**09/30/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Dissolved	4.0	1.0	1		mg/L	N/A	10/06/05	EPA 160.1
Chloride	ND	1.0	1		mg/L	N/A	10/01/05	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	10/01/05	EPA 300.0
Sulfate	1.1	1.0	1		mg/L	N/A	10/01/05	EPA 300.0
Perchlorate	ND	2.0	1		ug/L	N/A	10/05/05	EPA 314.0
Bicarbonate (as CaCO3)	1.5	1.0	1		mg/L	N/A	10/06/05	SM 2320B
Carbonate (as CaCO3)	ND	1.0	1		mg/L	N/A	10/06/05	SM 2320B

TT-MW2-2	**05-09-1857-4**	**09/30/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Dissolved	290	1.0	1		mg/L	N/A	10/06/05	EPA 160.1
Chloride	47	10	10		mg/L	N/A	10/03/05	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	10/01/05	EPA 300.0
Sulfate	39	10	10		mg/L	N/A	10/03/05	EPA 300.0
Perchlorate	ND	2.0	1		ug/L	N/A	10/05/05	EPA 314.0
Bicarbonate (as CaCO3)	130	5.0	1		mg/L	N/A	10/06/05	SM 2320B
Carbonate (as CaCO3)	4.0	1.0	1		mg/L	N/A	10/06/05	SM 2320B

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 09/30/05
Work Order No: 05-09-1857

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix
TT-MW2-4S	**05-09-1857-5**	**09/30/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Dissolved	310	1.0	1		mg/L	N/A	10/06/05	EPA 160.1
Chloride	36	10	10		mg/L	N/A	10/03/05	EPA 300.0
Nitrate (as N)	0.38	0.1	1		mg/L	N/A	10/01/05	EPA 300.0
Sulfate	51	10	10		mg/L	N/A	10/03/05	EPA 300.0
Perchlorate	2.1	2.0	1		ug/L	N/A	10/05/05	EPA 314.0
Bicarbonate (as CaCO3)	100	5.0	1		mg/L	N/A	10/06/05	SM 2320B
Carbonate (as CaCO3)	8.0	1.0	1		mg/L	N/A	10/06/05	SM 2320B

Client Sample Number	Lab Sample Number	Date Collected	Matrix
TT-MW2-4D	**05-09-1857-6**	**09/30/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Dissolved	260	1.0	1		mg/L	N/A	10/06/05	EPA 160.1
Chloride	22	5	5		mg/L	N/A	10/06/05	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	10/01/05	EPA 300.0
Sulfate	32	5	5		mg/L	N/A	10/06/05	EPA 300.0
Perchlorate	ND	2.0	1		ug/L	N/A	10/05/05	EPA 314.0
Bicarbonate (as CaCO3)	46	1.0	1		mg/L	N/A	10/06/05	SM 2320B
Carbonate (as CaCO3)	24	1.0	1		mg/L	N/A	10/06/05	SM 2320B

Client Sample Number	Lab Sample Number	Date Collected	Matrix
TT-MW2-1	**05-09-1857-7**	**09/30/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Dissolved	640	1.0	1		mg/L	N/A	10/06/05	EPA 160.1
Chloride	160	50	50		mg/L	N/A	10/01/05	EPA 300.0
Nitrate (as N)	8.7	1.0	10		mg/L	N/A	10/02/05	EPA 300.0
Sulfate	44	10	10		mg/L	N/A	10/02/05	EPA 300.0
Perchlorate	3000	200	100		ug/L	N/A	10/05/05	EPA 314.0
Bicarbonate (as CaCO3)	180	5.0	1		mg/L	N/A	10/06/05	SM 2320B
Carbonate (as CaCO3)	ND	1.0	1		mg/L	N/A	10/06/05	SM 2320B

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 09/30/05
Work Order No: 05-09-1857

Project: Beaumont Site 2 - 16392-01

Client Sample Number	Lab Sample Number	Date Collected	Matrix
TT-MW2-3	**05-09-1857-8**	**09/30/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Dissolved	720	1.0	1		mg/L	N/A	10/06/05	EPA 160.1
Chloride	290	50	50		mg/L	N/A	10/03/05	EPA 300.0
Nitrate (as N)	12	1	10		mg/L	N/A	10/01/05	EPA 300.0
Sulfate	51	10	10		mg/L	N/A	10/01/05	EPA 300.0
Perchlorate	68000	10000	5000		ug/L	N/A	10/05/05	EPA 314.0
Bicarbonate (as CaCO3)	86	1.0	1		mg/L	N/A	10/06/05	SM 2320B
Carbonate (as CaCO3)	ND	1.0	1		mg/L	N/A	10/06/05	SM 2320B

TT-MW2-103	**05-09-1857-9**	**09/30/05**	**Aqueous**

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Solids, Total Dissolved	700	1.0	1		mg/L	N/A	10/06/05	EPA 160.1
Chloride	290	50	50		mg/L	N/A	10/04/05	EPA 300.0
Nitrate (as N)	12	1	10		mg/L	N/A	10/01/05	EPA 300.0
Sulfate	49	10	10		mg/L	N/A	10/01/05	EPA 300.0
Perchlorate	67000	10000	5000		ug/L	N/A	10/05/05	EPA 314.0
Bicarbonate (as CaCO3)	94	1.0	1		mg/L	N/A	10/06/05	SM 2320B
Carbonate (as CaCO3)	ND	1.0	1		mg/L	N/A	10/06/05	SM 2320B

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

Parameter	Result	RL	DF	Qual	Units	Date Prepared	Date Analyzed	Method
Chloride	ND	1.0	1		mg/L	N/A	10/01/05	EPA 300.0
Nitrate (as N)	ND	0.10	1		mg/L	N/A	10/01/05	EPA 300.0
Sulfate	ND	1.0	1		mg/L	N/A	10/01/05	EPA 300.0
Perchlorate	ND	2.0	1		ug/L	N/A	10/04/05	EPA 314.0

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 09/30/05
Work Order No: 05-09-1857
Preparation: EPA 3010A Total
Method: EPA 6010B

Project Beaumont Site 2 - 16392-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
TT-MW2-1	**Aqueous**	**ICP 3300**	**10/03/05**	**10/04/05**	**051003S06**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	107	106	80-120	1	0-20	
Arsenic	112	113	80-120	1	0-20	
Barium	107	108	80-120	0	0-20	
Beryllium	104	106	80-120	2	0-20	
Cadmium	103	104	80-120	1	0-20	
Chromium	106	107	80-120	0	0-20	
Cobalt	104	105	80-120	1	0-20	
Copper	103	105	80-120	2	0-20	
Lead	104	105	80-120	1	0-20	
Molybdenum	107	107	80-120	0	0-20	
Nickel	106	106	80-120	1	0-20	
Selenium	106	110	80-120	3	0-20	
Silver	113	113	80-120	0	0-20	
Thallium	105	105	80-120	0	0-20	
Vanadium	102	103	80-120	1	0-20	
Zinc	107	109	80-120	2	0-20	
Calcium	4X	4X	80-120	4X	0-20	Q
Magnesium	4X	4X	80-120	4X	0-20	Q
Potassium	108	114	80-120	3	0-20	
Sodium	4X	4X	80-120	4X	0-20	Q

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 09/30/05
Work Order No: 05-09-1857
Preparation: EPA 7470A Total
Method: EPA 7470A

Project Beaumont Site 2 - 16392-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
TT-MW2-1	**Aqueous**	**Mercury**	**10/03/05**	**10/04/05**	**051003S05**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	108	107	71-134	1	0-14	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 09/30/05
Work Order No: 05-09-1857
Preparation: EPA 5030B
Method: EPA 8260B

Project Beaumont Site 2 - 16392-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
TT-MW2-1	**Aqueous**	**GC/MS M**	**10/03/05**	**10/03/05**	**051003S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	107	107	88-118	0	0-7	
Carbon Tetrachloride	102	103	67-145	0	0-11	
Chlorobenzene	103	104	88-118	0	0-7	
1,2-Dichlorobenzene	103	102	86-116	1	0-8	
1,1-Dichloroethene	84	83	70-130	0	0-25	
Toluene	104	107	87-123	3	0-8	
Trichloroethene	107	105	79-127	2	0-10	
Vinyl Chloride	103	106	69-129	3	0-13	
Methyl-t-Butyl Ether (MTBE)	97	94	71-131	3	0-13	
Tert-Butyl Alcohol (TBA)	99	100	36-168	1	0-45	
Diisopropyl Ether (DIPE)	104	100	81-123	3	0-9	
Ethyl-t-Butyl Ether (ETBE)	97	95	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	98	97	72-126	0	0-12	
Ethanol	104	105	53-149	0	0-31	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: N/A
Work Order No: 05-09-1857

Project: Beaumont Site 2 - 16392-01

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Analyzed	Date Extracted	MS% REC	MSD % REC	%REC CL	RPD	RPD CL	Qualifiers
Chloride	EPA 300.0	TT-MW2-1	10/01/05	N/A	98	101	56-134	2	0-3	
Nitrate (as N)	EPA 300.0	TT-MW2-1	10/01/05	N/A	95	93	58-142	2	0-6	
Sulfate	EPA 300.0	TT-MW2-1	10/01/05	N/A	96	94	49-133	2	0-3	
Perchlorate	EPA 314.0	TT-MW2-1	10/05/05	N/A	107	106	80-120	0	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

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

Date Received: N/A
Work Order No: 05-09-1857

Project: Beaumont Site 2 - 16392-01

Matrix: Aqueous

Parameter	Method	QC Sample ID	Date Analyzed	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
Alkalinity, Total (as CaCO3)	SM 2320B	TT-MW2-1	10/06/05	180	180	1	0-25	
Bicarbonate (as CaCO3)	SM 2320B	TT-MW2-1	10/06/05	180	180	0	0-25	
Carbonate (as CaCO3)	SM 2320B	TT-MW2-1	10/06/05	ND	ND	NA	0-25	
Hydroxide (as CaCO3)	SM 2320B	TT-MW2-1	10/06/05	ND	ND	NA	0-25	
Solids, Total Dissolved	EPA 160.1	05-10-0072-2	10/06/05	4400	4400	0	0-25	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

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

Date Received: N/A
Work Order No: 05-09-1857
Preparation: EPA 3010A Total
Method: EPA 6010B

Project: Beaumont Site 2 - 16392-01

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-003-5,394	**Aqueous**	**ICP 3300**	**10/04/05**	**051003-I-06**	**051003L06**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Antimony	0.500	0.507	101	80-120	
Arsenic	0.500	0.532	106	80-120	
Barium	0.500	0.540	108	80-120	
Beryllium	0.500	0.485	97	80-120	
Cadmium	0.500	0.516	103	80-120	
Chromium	0.500	0.523	105	80-120	
Cobalt	0.500	0.533	107	80-120	
Copper	0.500	0.488	98	80-120	
Lead	0.500	0.528	106	80-120	
Molybdenum	0.500	0.516	103	80-120	
Nickel	0.500	0.540	108	80-120	
Selenium	0.500	0.471	94	80-120	
Silver	0.250	0.260	104	80-120	
Thallium	0.500	0.521	104	80-120	
Vanadium	0.500	0.491	98	80-120	
Zinc	0.500	0.523	105	80-120	
Calcium	0.500	0.525	105	80-120	
Magnesium	0.500	0.509	102	80-120	
Potassium	5.00	5.35	107	80-120	
Sodium	5.00	5.12	102	80-120	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

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

Date Received: N/A
Work Order No: 05-09-1857
Preparation: EPA 7470A Total
Method: EPA 7470A

Project: Beaumont Site 2 - 16392-01

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-04-008-2,133	**Aqueous**	**Mercury**	**10/04/05**	**051003-I-05.icp**	**051003L05**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Mercury	0.0100	0.0107	107	90-122	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 05-09-1857
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont Site 2 - 16392-01

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-15,842	**Aqueous**	**GC/MS M**	**10/03/05**	**10/03/05**	**051003L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	106	106	84-120	0	0-8	
Carbon Tetrachloride	108	108	63-147	0	0-10	
Chlorobenzene	103	102	89-119	1	0-7	
1,2-Dichlorobenzene	104	105	89-119	0	0-9	
1,1-Dichloroethene	102	100	77-125	2	0-16	
Toluene	105	105	83-125	0	0-9	
Trichloroethene	106	107	89-119	0	0-8	
Vinyl Chloride	98	98	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	104	103	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	103	107	46-154	4	0-32	
Diisopropyl Ether (DIPE)	106	104	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	103	101	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	103	104	76-124	1	0-10	
Ethanol	109	113	60-138	3	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 05-09-1857

Project: Beaumont Site 2 - 16392-01

Matrix: Aqueous

Parameter	Method	Quality Control Sample ID	Date Extracted	Date Analyzed	LCS % REC	LCSD % REC	%REC CL	RPD	RPD CL	Qual
Chloride	EPA 300.0	099-05-118-2,994	N/A	10/01/05	97	96	81-111	1	0-5	
Nitrate (as N)	EPA 300.0	099-05-118-2,994	N/A	10/01/05	97	96	87-111	0	0-12	
Sulfate	EPA 300.0	099-05-118-2,994	N/A	10/01/05	100	101	89-107	1	0-13	
Perchlorate	EPA 314.0	099-05-203-326	N/A	10/04/05	92	95	85-115	3	0-15	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-09-1857

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

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

SHIP TO: Cal Science

1857

CHAIN OF CUSTODY RECORD

DATE 9/30/05 PAGE 1 OF 1

CLIENT: LMC
PROJECT NAME: Bennet Site 2
PROJECT MANAGER: Brenda Meyer
TC #: 16392-01
SAMPLERS (Signatures)

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 VOC	Title 22 metals - Total	Ti Title 22 metals - dissolved	314.1 - Perchlorate	Gen Min *	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	LTB-09305	9/30/05	600	X								2		
2.	LEB-093005-GP		615	X	X	X	X	X				8		Pump EB
3.	LEB-093005-B		620	X	X	X	X	X				8		bailer EB
4.	TT-MW2-2		1311	X	X	X	X	X				8		sampled w/bailer
5.	TT-MW2-4S		1015	X	X	X	X	X				8		
6.	TT-MW2-4D		1030	X	X	X	X	X				8		
7.	TT-MW2-1		1126	X	X	X	X	X				2-1		MS/MSD sampled w/pump
8.	TT-MW2-3		1236	X	X	X	X	X				8		
9.	TT-MW2-103		1425	X	X	X	X	X				8		
10.														

TURN-AROUND TIME

* TDS, NO_3, SO_4, HCO_3, CO_3, Na, Ca, Cl, K, Mg only

FILTERING: ☐ FILTERED ☐ UNFILTERED

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

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

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

RELINQUISHED BY: Christopher Lee	SIGNATURE	TETRA TECH, INC.	DATE 9/30/05	TIME 16:25	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 82	
RECEIVED BY: THAM MOUYEH	SIGNATURE	COMPANY CEL	DATE 9/30/5	TIME 16:25	METHOD OF SHIPMENT/SHIPMENT NO. Courier	
RELINQUISHED BY: THAM MOUYEH	SIGNATURE	COMPANY CEL	DATE 9/30/5	TIME 17:50	Special Shipping/Handling/Storage Requirements:	
RECEIVED BY: Trami Lu	SIGNATURE	COMPANY CEL	DATE 9/30/05	TIME 1750		

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

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 09 - 1857

Cooler 1 **of** 2

SAMPLE RECEIPT FORM

CLIENT: TETRA TECH **DATE:** 09/30/05

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

7.2 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: TM

CUSTODY SEAL INTACT:

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

Initial: TM

SAMPLE CONDITION:

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

Initial: TM

COMMENTS:

Received two (2) ~~trip~~ mc trip blank with lot no. 0964.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 09 - 1057

Cooler 2 of 2

SAMPLE RECEIPT FORM

CLIENT: TETRA TECH **DATE:** 09/30/05

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

7.2 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

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

Initial: TM

CUSTODY SEAL INTACT:

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

Initial: TM

SAMPLE CONDITION:

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

Initial: TM

COMMENTS: