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Hazardous Materials Specialist
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, California 94502

SOIL AND GROUNDWATER INVESTIGATION REPORT

76 Service Station No. 7376
4191 First Street
Pleasanton, California

Dear Mr. Wickham:

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) has prepared this *Soil and Groundwater Investigation Report*. This presents the results of recent work at the above-referenced site (the site). A site location map is provided as Figure 1.



INTRODUCTION

The work was conducted in accordance with the *Revised Additional Soil and Groundwater Investigation Work Plan* by TRC dated November 21, 2005. The work plan was approved in the Alameda County Environmental Health (ACEH) letter dated November 29, 2005. The scope of this investigation involved the advancement of cone penetrometer test (CPT) borings at two onsite and five offsite locations. The purpose of this work was to identify potential shallow or perched water-bearing zones and to characterize the vertical and lateral distribution of petroleum hydrocarbons in soil and groundwater. Locations of the CPT borings are shown on Figure 2 and Figure 3.

SITE BACKGROUND

SITE DESCRIPTION

The site is currently an active 76 Service Station located on the northern corner of First Street and Ray Street in Pleasanton, California (Figure 1). Current site facilities consist of a cashier's kiosk, four product dispenser islands and two 12,000-gallon double-wall fiberglass gasoline underground storage tanks (USTs). There are currently 12 active groundwater monitoring wells and one former groundwater monitoring well at and in the site vicinity. The site is bounded northwest by a former Southern Pacific Railroad right-of-way (right-of-way) currently owned by Alameda County, north and northeast by a commercial building,

southeast by First Street, and southwest by Ray Street. There is an underground KinderMorgan petroleum pipeline presently located adjacent to the northwest edge of the site. Properties in the immediate site vicinity are used for a mix of residential and commercial purposes. A Shell service station is located southeast of the site. The site is located at an approximate elevation of 366 feet above mean sea level.

SITE BACKGROUND AND ACTIVITY

Historical soil sample and groundwater monitoring and sampling analytical results are presented in Appendix A. Soil sample, boring, and well locations are shown on Figure 2.

The site was developed in 1899 as a warehouse to store grains and hay. According to a Sanborn map, an "in-ground" storage tank for oil was installed onsite in 1907. A service station was first constructed on the site in 1976. Between November 8, 1982 and February 8, 1985, the Pleasanton Fire Department (PFD) responded to five separate fuel releases at the site. The releases occurred prior to acquisition of the property by Unocal Corporation in 1988, and prior to ConocoPhillips assuming operations at the site.

June 1987 Three exploratory soil borings, B-1, B-2, and B-3, were drilled at the site and sampled by Applied GeoSystems (AGS). Borings B-1 and B-2 were drilled to a final depth of 46.5 feet below ground surface (bgs) and B-3 was drilled to 55 feet bgs (Figure 2). Three soil samples from each boring were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) and benzene, toluene, ethylbenzene, and xylenes (BTEX). In addition, a sample collected at 35 feet bgs from B-1 (sample S-35-B1) was also analyzed for total petroleum hydrocarbons as diesel (TPH-D). A sample collected at 10 feet bgs from B-3 was reported as non-detect for all analytes. The remaining samples contained petroleum hydrocarbons at concentrations ranging from 7.72 to 188.8 parts per million (ppm) of TPH-G and 0.07 to 17.1 ppm of benzene. Sample S-35-B1 also contained 1,325 ppm of TPH-D. Groundwater was not encountered in the borings.

August 1987 One soil boring, B-4, was advanced by AGS to a total depth of 66.5 feet bgs (Figure 2). One soil sample collected at 35 feet bgs contained 100.5 ppm of TPH-G, 1.4 ppm of benzene, and 1,835 ppm of TPH-D. A second soil sample collected at 65 feet bgs was reported as non-detect for TPH-G, TPH-D, and BTEX. Groundwater was not encountered in the boring.

December 1987 AGS advanced three soil borings (B-5, B-6, B-7) to a total depth of 96.5 feet bgs and completed the borings as groundwater monitoring wells MW-1, MW-2, and MW-3 (Figure 2). The wells were completed at depths of 96.5, 85, and 96.5 feet bgs, respectively. Saturated soil was initially encountered at approximately 80 feet bgs. Two soil samples collected at 35 and 70 feet bgs in boring B-5 were reported as non-detect for TPH-G, TPH-D, and BTEX. One soil sample collected at 35 feet bgs in boring B-6 contained 15.0 ppm of TPH-G, 6,300 ppm of TPH-D and was non-detect for benzene. One soil sample collected at 70 feet bgs in boring B-6 was reported as non-detect for TPH-G, TPH-D, and BTEX. A sample collected at 55 feet bgs in boring B-7 contained 390 ppm of TPH-G, 1.3 ppm of benzene, and 220 ppm of TPH-D. A sample collected at 75 feet bgs in boring B-7 contained 5.0 ppm of TPH-G, 30.0 ppm of TPH-D, and was non-detect for BTEX. Groundwater samples collected from well MW-1, MW-2, and MW-3

contained petroleum hydrocarbon concentrations ranging from 0.0500 to 24,000 ppm of TPH-G, 0.058 to 2,600 ppm of benzene, and 0.620 to 2,300 ppm of TPH-D.

December 1987 Four 12,000-gallon USTs were replaced with two 12,000-gallon double-wall USTs. An unknown volume of contaminated soil was reportedly removed and transported to a Class I facility. The property and facilities were sold to the Unocal Corporation in February 1988.

September 1994 Kaprealian Engineering, Inc. (KEI) conducted soil sampling services during a dispenser and product piping upgrade at the site. A total of twelve trench soil samples were collected at approximately 3 feet bgs. Petroleum hydrocarbons were detected in the samples at concentrations ranging from non-detect to 8,900 ppm of TPH-G, and non-detect to 65 ppm of benzene. Upon receipt of the analytical data, overexcavation was conducted in the area of two soil samples with elevated hydrocarbon concentrations. Three soil samples were collected at approximately 9 feet bgs. The two overexcavation samples were reported to contain 13 and 17 ppm of TPH-G and 0.020 to 0.029 ppm of benzene. The third soil sample, collected laterally between the two overexcavation samples, contained 4,400 ppm of TPH-G and 29 ppm of benzene.

February 1995 KEI destroyed monitoring well MW-2 and advanced two soil borings (MW-2B and EB-1). Boring MW-2B was completed as a monitoring well. Well MW-2 was destroyed due to asphalt tar being introduced into the well casing during repaving activities at the site. Soil boring EB-1 was drilled to a total depth of 66 feet bgs and well MW-2B was drilled and constructed to a total depth of 91 feet bgs (Figure 2). A total of twenty-nine soil samples were collected during boring EB-1 and MW-2B drilling activities. Samples collected from 5 to 50 feet bgs from EB-1 contained petroleum hydrocarbon concentrations ranging from 27 to 15,000 ppm of TPH-G, 0.29 to 340 ppm of benzene, and 55 to 3,600 ppm of TPH-D. Samples collected from 55 to 65 feet bgs from EB-1 contained petroleum hydrocarbon concentrations ranging from non-detect to 6.4 ppm of TPH-G, non-detect to 0.89 ppm of benzene, and non-detect for TPH-D. Soil samples collected from 5 to 65 feet bgs in well boring MW-2B contained petroleum hydrocarbons concentrations ranging from 1.0 to 720 ppm of TPH-G, non-detect to 9.5 ppm of benzene, and non-detect to 2,400 ppm of TPH-D. Soil samples collected from 70 to 80 feet bgs in well boring MW-2B were reported as non-detect for TPH-G, BTEX, and TPH-D.

Enviros was contracted to complete a Phase I Environmental Site Assessment for the site in early 1995.

July 1996 KEI advanced three soil borings and completed them as groundwater monitoring wells MW-4, MW-5 and MW-6 to total depths of 73.5 to 93 feet bgs. Well MW-4 was installed onsite and wells MW-5 and MW-6 were installed offsite on the former Southern Pacific Railroad right-of-way (Figure 2). A total of forty-seven soil samples were collected from the well borings and analyzed for TPH-G, BTEX, and fuel fingerprinting. Soil samples from well boring MW-4 contained low concentrations of petroleum hydrocarbons ranging from non-detect to 47 ppm of TPH-G, non-detect to 0.27 ppm of benzene, and non-detect to 15 ppm of TPH-D. Soil samples collected in the upper 50 feet of well boring MW-5 were reported as non-detect for TPH-G and TPH-D, and contained benzene in concentrations ranging from non-detect to 0.038 ppm. Samples collected between 55 and 65 feet bgs in MW-5 contained petroleum hydrocarbon concentrations ranging from 32 to 560 ppm of TPH-G, 0.28 to 3.9 ppm of

benzene, and non-detect to 450 ppm of TPH-D. Samples collected from MW-6 contained petroleum hydrocarbon concentrations ranging from non-detect to 5.0 ppm of TPH-G, non-detect to 1.2 ppm of benzene, and non-detect for TPH-D except for 200 ppm detected at 55 feet bgs. Petroleum hydrocarbon concentrations in the range of kerosene, motor oil, and unidentified extractable hydrocarbons were also identified in the samples collected from the well borings.

June 1997 Separate phase hydrocarbons (SPH) were identified in well MW-5 during quarterly monitoring activities.

December 1997 Entrix Inc. conducted a forensic geochemical analysis on SPH extracted from well MW-5. The SPH was probably composed of a mixture of over 50% refined gasoline and heavier hydrocarbons. The gasoline constituents appeared to be relatively fresh. The heavier hydrocarbon mixture had a carbon distribution ranging from about C13 to C33. This distribution is similar in nature to a very weathered crude oil or Bunker C fuel, not refined petroleum products such as diesel #2, motor oil, lube oil, etc.

June/August 1998 Five onsite soil borings (B-8 through B-12) were advanced and two offsite downgradient groundwater monitoring wells (MW-7, MW-8) were installed by Gettler Ryan, Inc. (GR) (Figure 2). A total of forty soil samples were collected from the soil and well borings and analyzed for TPH-G, BTEX, methyl tertiary butyl ether (MTBE), TPH-D, and total petroleum hydrocarbons as oil (TPH-O). Petroleum hydrocarbon concentrations in the soil samples range from non-detect for all analytes for soil boring B-8 and well boring MW-7, to a maximum of 1,700 ppm of TPH-G and 21 ppm of benzene (B-12 at 37.5 feet bgs), 14,000 ppm of TPH-D, 2.6 ppm of MTBE (B-12 at 28.5 feet bgs), and 5,200 ppm of TPH-O (B-11 at 10.5 feet bgs). Elevated concentrations of petroleum hydrocarbons were concentrated at 24.5 and 31 feet bgs in boring B-10, from the surface to 61 feet bgs in boring B-11, at 28.5, 37.5 and 47 feet bgs in boring B-12, and at 45.5 feet bgs in well boring MW-8. In addition, two soil samples containing visible free product were collected from boring B-11 (near the former UST excavation) at 10.5 and 61 feet bgs and submitted to Global Geochemistry Corp. for hydrocarbon fingerprinting chemical analysis. The results of these analyses was that the free product from both samples was composed of approximately 90% highly to severely weathered semi-volatile and high boiling components identified as crude oil and 10% of slightly weathered gasoline.

October-November 2000 GR advanced one offsite soil boring (B-13) and advanced and installed two offsite groundwater monitoring wells (MW-9, MW-10). A total of twenty eight soil samples were collected from the soil and well borings and analyzed for TPH-G, BTEX, and MTBE. Soil samples collected from well boring MW-9 between 16 and 60.5 feet and boring B-13 between 85.5 and 126 feet bgs were reported as non-detect for all analytes. Some soil samples collected from well boring MW-10 contained TPH-G, benzene, unidentified hydrocarbons with a carbon range of C6 to C12, and MTBE. Nine soil samples collected from boring B-13 between 7.5 and 73.5 feet bgs contained TPH-G, unidentified hydrocarbons with a carbon range of greater than C10, benzene, and MTBE. Grab groundwater samples were collected from each of the borings. Groundwater samples collected at 128.5 and 133 feet bgs from boring B-13 contained 150 and 620 ppb TPH-G, 17 and 53 ppb benzene, and 3.5 and 3.7 ppb MTBE, respectively. Groundwater sample G-1, collected from well boring MW-9 at 55 feet bgs, contained 66

ppb MTBE. The groundwater sample collected at 90 feet bgs from well boring MW-10 contained 34 ppb MTBE. The groundwater sample collected at 95 feet bgs from well boring MW-10 contained 230 ppb TPH-G and 54 ppb MTBE.

Five soil samples collected from well boring MW-9 between 16 and 60.5 feet bgs were reported as non-detect for all analytes. Nine soil samples were collected from well boring MW-10 between 5.5 and 90.5 feet bgs. These soil samples were reported as non-detect for all analytes except for 9.7 ppm TPH-G, 0.035 ppm benzene, and 240 ppm TPH-G and unidentified hydrocarbons with a carbon range of C6 to C12 at 38 feet bgs, and 0.71 ppm benzene and 1.2 ppm MTBE by United States Environmental Protection Agency (EPA) Method 8020. Five samples collected from boring B-13 between 85.5 and 126 feet bgs were reported as non-detect for all analytes. Nine soil samples collected from boring B-13 between 7.5 and 73.5 feet bgs contained petroleum hydrocarbons at concentrations ranging from non-detect to 14,000 ppm TPH-G and unidentified hydrocarbons with a carbon range of greater than C10 (at 28 feet bgs), non-detect to 100 ppm benzene (at 28 feet bgs), and non-detect to 0.18 ppm MTBE (at 57 feet bgs). Grab groundwater samples were collected from each of the borings. Groundwater samples B-13-128.5 and B-13-133, collected at 128.5 and 133 feet bgs from boring B-13, contained 150 and 620 ppb TPH-G, 17 and 53 ppb benzene, and 3.5 and 3.7 ppb MTBE, respectively. Groundwater sample G-1, collected from well boring MW-9 at 55 feet bgs, contained 66 ppb MTBE and was reported as non-detect for TPH-G and MTBE. Groundwater sample MW-10-90, collected at 90 feet bgs from well boring MW-10, was reported as non-detect for TPH-G and benzene, and contained 34 ppb MTBE. Groundwater sample MW-10-95, collected at 95 feet bgs from well boring MW-10, was reported as non-detect for benzene, and contained 230 ppb TPH-G and 54 ppb MTBE.

September 2001 Two offsite soil borings were drilled by GR and completed as groundwater monitoring wells MW-11 and MW-12. The wells were installed to total depths of approximately 86 and 88 feet bgs, respectively. Soil samples were reported as non-detect for all analytes. A grab groundwater sample collected from a perched groundwater zone at 40 feet bgs in well boring MW-12 was reported as non-detect for TPH-G, BTEX, and MTBE.

October 2003 Site environmental consulting responsibilities were transferred to TRC.

October 2007 Site environmental consulting responsibilities were transferred to Delta.

Four onsite wells (MW-1, MW-2B, MW-3 and MW-4) and eight offsite wells (MW-5 through MW-12) have been monitored and sampled quarterly from December 1994 to the present. SPH was not present in onsite or offsite wells during the most recent groundwater monitoring and sampling event conducted on December 27, 2007. SPH was present in the casing of well MW-2B during the previous quarter and has been present periodically in well MW-5 since June 1997. Previous analysis of the SPH showed it contained a mixture of refined gasoline and heavy hydrocarbons. Excluding MW-5, petroleum hydrocarbon concentrations in the groundwater onsite and offsite have ranged from non-detect to 41,000 ppb TPH-G, non-detect to 3,200 ppb benzene, non-detect to 12,200 ppb MTBE, and non-detect to 4,380 ppb TPH-D. Depth to groundwater has fluctuated from approximately 45.83 to 92.23 feet below TOC. Groundwater flow has ranged from south to northwest with a hydraulic gradient of approximately 0.07 to 0.2 feet/foot.

GEOLOGY AND HYDROGEOLOGY

The subject site is located at the base of the northwest end of the Valle De San Jose. The site is underlain by Holocene age coarse-grained alluvium interpreted to be alluvial fan deposits. These deposits are composed of unconsolidated, well bedded, moderately sorted, permeable sand and silt, with coarse sand and gravel becoming abundant toward fan heads and in narrow canyons. The site is located approximately 1,000 feet west and north of Pliocene and/or Pleistocene non-marine sedimentary Livermore Gravel.

Previous subsurface studies conducted by AGS, KEI, and GR show the site is underlain by alluvium to a maximum explored depth of 135.5 feet bgs. The alluvium consists of interbedded layers of silt, sand, clay and gravel in both the vadose and saturated zones.

Groundwater has historically been reported at approximately 67.15 to 87.49 feet below TOC in wells MW-1, MW-2B, MW-3, MW-4, and MW-6. Groundwater in well MW-5 has historically been reported at 49.63 to 70.40 feet below TOC. Groundwater in well MW-5 and nearby wells MW-7, MW-8, and MW-9 have historically appeared "perched" and unconfined. Water table elevations in well MW-5 are generally 15 feet higher than nearby well water table elevations (wells MW-6 and MW-2B). The difference in the groundwater elevations may be a result of lithologic or structural constraints, possibly some offset or displacement in the soils beneath the site in the area between MW-2B and MW-5. The encountered water-bearing zone(s) appear to be unconfined. A review of Alameda County Flood Control and Water Conservation District - Zone 7 (Zone 7) (1993) groundwater data show the regional groundwater flow direction in the vicinity of the site is northwest. The nearest surface water is Arroyo Valle, located approximately 700 feet northwest of the site.

The groundwater flow direction is variable across the site. From the well gauging results during the most recent groundwater monitoring and sampling event conducted on December 27, 2007, the groundwater flow direction ranges from south at a calculated hydraulic gradient of 0.07 ft/ft to northwest at 0.07 ft/ft. A graph of historic groundwater flow directions is presented in this report as Appendix B.

SENSITIVE RECEPTORS

In January 1988, a well survey was conducted by reviewing Zone 7 files. Five water wells and two cathodic protection wells were identified within one-half mile of the site. Four of the five water wells are domestic wells, and one well appears to be a monitoring well. The nearest surface water is Arroyo Valle, located approximately 700 feet northwest of the site.

REMEDIATION STATUS

Remediation is not currently being conducted at the site. However, bi-monthly SPH gauging and recovery from well MW-5 was implemented in the Second Quarter 2006. Recently, the SPH gauging and recovery efforts were reduced to a quarterly schedule, concurrent with monitoring and sampling. Since December 7, 2007, approximately 0.09 gallons of SPH have been recovered from MW-5.

CHARACTERIZATION STATUS

From the analytical results for both soil and groundwater samples collected to date, the primary contaminant appears to be gasoline (BTEX constituents and MTBE).

The analytical results of the groundwater samples collected from the monitoring wells at and in the vicinity of the site show that concentrations of petroleum hydrocarbons are present in shallow groundwater beneath and downgradient of the site. Free product has been detected in well MW-5 since September 1999, and reportedly is composed of a mixture of crude oil and gasoline.

From previous subsurface investigations conducted at the site the vertical and lateral extent of petroleum hydrocarbon impact to soil is defined. The first encountered groundwater beneath and downgradient of the site has been impacted by petroleum hydrocarbons. Petroleum hydrocarbons in groundwater have been defined laterally in the crossgradient and downgradient direction. Although the plume extends offsite, it appears to be stable in its current configuration, based upon analytical results from the network of groundwater monitoring wells.

Geologic and hydraulic data generated during this and previous investigations suggest the hydrogeologic conditions responsible for the elevated or perched water table identified in wells MW-5, MW-7, MW-8, MW-9, MW-11, and MW-12 are possibly a result of the discontinuous nature of the alluvial fan deposit or some small offset or displacement of the soils beneath the site. Physical evidence of a possible fault has not been identified.

Groundwater data from the grab and quarterly groundwater samples show that petroleum hydrocarbons are present in groundwater at low concentrations downgradient and crossgradient (north and northeast) of the site such that the extent of impacts from petroleum hydrocarbons is defined in these directions. The vertical extent is most complex, given the imbricated potentiometric surface demonstrated at the site.

SCOPE OF WORK

The following tasks were conducted in completing the scope of work.

- Conducted utility clearance and obtained a drilling permit from Zone 7;
- Advanced seven borings by CPT to 90 feet bgs or until deep groundwater was encountered, with the initial five feet cleared by airknife technology;
- Measured volatile organic compounds (VOCs) in soil samples using a photoionization detector (PID) as a screening method to evaluate soil contamination in the soil column;
- Using the CPT logs, collected depth discrete grab groundwater samples from each borehole where groundwater was encountered;
- Submitted select soil samples and each groundwater sample for laboratory analysis;
- Uploaded analytical laboratory data into the State of California Geotracker System per requirements of AB 2886; and
- Arranged for disposal of generated waste materials.

PRE-FIELD ACTIVITIES

Prior to initiation of field activities, Delta produced a Health and Safety Plan (HASP) in accordance with Title 8, Section 5192 of the California Code of Regulations. The HASP contains a list of emergency contacts, as well as a hospital route map to the nearest emergency facility, and was reviewed daily by field personnel. Each boring location was marked and Underground Service Alert (USA) was contacted at least 48 hours prior to drilling operations to mark underground utilities. A private utility locator was also retained to mark underground utilities and further minimize the risk of damaging utilities. The first five feet of the boreholes WAS cleared with airknife technology before drilling began to ensure that no underground utilities were present. Delta obtained the necessary drilling permit from Zone 7 for the CPT borings (Appendix C).

CPT INVESTIGATION

Seven boring locations (CP-1 through CP-7) were drilled by Gregg Drilling and Testing, Inc. (Gregg) using a CPT rig. CP-1 and CP-2 were located onsite, and CP-3 through CP-5 were located in the adjacent right-of-way (Figure 3). The offsite locations were moved from their proposed locations due to vegetation, a steep slope and drainage patterns in the proposed area. CP-1 through CP-5 were advanced on February 18-22, 2008, and CP-6 and CP-7 were advanced on February 25-26, 2008. Two to three boreholes were advanced for each soil boring location. The initial borehole was drilled to provide a CPT log of subsurface lithology. The second borehole was drilled to collect soil samples for identification and laboratory analysis, and to collect a "deep" depth-discrete groundwater sample. A third borehole was drilled to collect a "shallow" depth-discrete groundwater sample, if encountered. Soil samples from just above first water and soil samples with high PID values or changes in lithology were submitted to a California-certified analytical laboratory for analysis along with groundwater samples collected. When the sampling was completed, the borings were backfilled with neat cement to approximately one foot bgs. The boreholes were then capped with concrete dyed to match the existing surface for the onsite locations, and were covered with the surrounding soil and gravel for the offsite locations.

Soil samples were collected using a direct push piston sampler. A sealed piston was advanced within the core barrel of the CPT to the desired sample depth. The piston was opened and driven to further depth to collect a soil sample at which time the piston assembly was removed and the soil sample recovered. A sample tube from certain depths was sealed with Teflon tape and plastic end caps, and then placed on ice pending transport under chain-of-custody protocol to BC Labs for analysis. The remaining soil collected from the sample tubes was used for field screening and lithologic description purposes. Soil samples from each sample interval were field screened for the presence of VOCs using a PID. The PID measurements were recorded on the soil boring log by the field geologist. All samples were logged by a field geologist using the Unified Soil Classification System (USCS) per ASTM D-2488. Boring logs are presented as Appendix D.

Pore pressure dissipation tests were conducted in each boring, generally when the pore pressure decreased below 0 pounds per square inch. Most of the pore pressure dissipation tests oscillated and did not level off after 10 to 15 minutes. A few of the pore pressure dissipation tests did level off; however, these tests were generally not reliable indicators of the presence of groundwater in the subsurface formation. The

graphs of the pore pressure dissipation tests are provided in Gregg's CPT Report (Appendix E).

Groundwater sampling was generally attempted when soil samples were collected that were wet or saturated. In a majority of the boreholes, "shallow" screened intervals were set up where saturated soil samples were collected; however, the formations did not yield enough groundwater, if any, to sample, except in CP-4. "Deep" groundwater samples were collected from each boring except for CP-5 where not enough groundwater flowed into the temporary well screen to collect a sample. In CP-7, the deep groundwater sample was labeled "mixed" because it was collected after drilling past a shallower zone of saturation into a deeper zone of saturation so there was a chance that groundwater from the two depths mixed within the borehole.

Groundwater samples were collected using a hydropunch. A closed screen sampler assembly was driven with the outer tube casing in place. When the desired groundwater sample depth was reached, the outer casing was retracted to expose the screen to groundwater. A small-diameter bailer was then lowered through the drill casing and a groundwater sample collected. The expendable drive point was left in place when the drill casing and sampling assembly were removed. "Deep" depth-discrete groundwater samples were collected at screen intervals ranging from 75-78 feet bgs (CP-6) to 95-100 feet bgs (CP-2). A "shallow" depth-discrete groundwater sample for CP-4 was collected at a screen interval of 63-68 feet bgs. A "mixed" depth-discrete groundwater sample for CP-7 was collected at a screen interval of 72-77 feet bgs. It was attempted to collect separate shallow and deep groundwater samples in the third borehole of CP-7, but no groundwater flowed into the screens, which were set from 43-48 feet, 48-53 feet, 55-65 feet, and 72-77 feet bgs. The screen intervals where groundwater samples were collected are noted on the boring logs (Appendix D). A CPT report produced by Gregg is provided as Appendix E.

Each groundwater sample was decanted into 40-milliliter vials containing hydrochloric acid as a preservative and a liter unpreserved amber bottle. The groundwater samples were then immediately placed on ice pending transport under chain-of-custody protocol to BC Labs for analysis.

SUBSURFACE CONDITIONS

A Delta field geologist examined soil samples from each of the seven borings in conjunction with the corresponding CPT log when classifying soil type and thickness. In general, the CPT log was not very accurate compared to the geologist's classification of soil samples obtained from the corresponding depths. The CPT log was used to determine the depths of unit contacts instead of the soil type. Based on soil classification by the field geologist, soil encountered during drilling consisted of alternating layers of clay and sand units except for CP-5, where all of the soil logged was clay or silt. Each of the boreholes contained clay and silt from a depth of 5 feet to 15 feet bgs except for CP-1, which contained clay at 5 feet bgs. From 15 feet to 50 feet bgs, six of the seven boreholes contained from one to three sand layers interbedded between clay layers. From 50 feet to 60 feet bgs, each of the boreholes contained a clay layer. The clay layer continued to the maximum depth explored in four of the boreholes and transitioned to a sand layer in the other three boreholes. The maximum explored depths for collecting soil samples ranged from 55 feet bgs in CP-5 to 90 feet bgs in CP-3.

Initial groundwater was encountered in each CPT boring, with the depth estimated from saturated soil samples. Static groundwater was measured in four boreholes; in three boreholes (CP-1, CP-3, and CP-5) depth to first water was estimated. In CP-1 and CP-3 this was due to the depth-to-water meter not functioning properly. In CP-5, not enough water flowed into the temporary well screen to be able to measure a static water level. First water in CP-1, CP-3 and CP-5 ranged between depths estimated to be 94.7 feet bgs in CP-2, 75 feet bgs in CP-1, and 95.7 feet bgs in CP-5.

In the four boreholes CP-2, CP-4, CP-6 and CP-7, both first water and static water depths were measured. In the CP-2 borehole, first water was encountered at 94.7 feet bgs and rose to a static level of 88 feet bgs. In CP-4, first water was encountered at 79.25 feet bgs and rose to a static level of 52 feet bgs. In CP-6, first water was estimated to be 71 feet bgs and dropped to a level of 79.5 feet bgs. In CP-7, first water was estimated to be 69 feet bgs and dropped to a level of 72.6 feet bgs.

A shallower water-bearing unit was encountered in CP-4, where first water was estimated to be 64 feet bgs and rose to a static level of 52 feet bgs.

During the CPT drilling activities, the depth to groundwater was measured in two monitoring wells. On February 26, 2008, the depth to water in MW-10 was 50.84 feet below TOC and in MW-4 it was 53.48 feet below TOC.

The CPT computer-generated logs are presented in Appendix E, and boring logs for CP-1 through CP-7 are presented in Appendix D.

LABORATORY ANALYSIS AND RESULTS

Soil and groundwater samples were submitted under chain-of-custody protocol to BC Labs, a California-certified laboratory. The soil and groundwater samples were analyzed for TPPH, BTEX, MTBE, TBA, ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), di-isopropyl ether (DIPE), 1,2-dichloroethane (1,2-DCA), ethylene dibromide (EDB) and ethanol by United States Environmental Protection Agency (EPA) Method 8260B, and TPH-D by EPA Method 8015M. Appendix F includes the analytical reports and chain-of-custody documentation.

SOIL LABORATORY ANALYSIS AND RESULTS

The highest PID readings measured from the collected soil samples exceeded the upper limit of the PID. Results of the soil analyses are presented in Table 1. Analyzed constituents were below laboratory reporting limits in soil samples from CP-2 through CP-4. In soil samples from CP-5 through CP-7, the only analyte above laboratory reporting limits was MTBE, which was detected from 0.020 milligrams per kilogram (mg/kg) (CP-7@54.5-55') to 0.022 mg/kg (CP-5@44.5-45' and CP-6@69.5-70'). The soil samples from CP-1, collected at five foot intervals, each contained detections of three to seven analytes. Each of the twelve CP-1 soil samples submitted for analysis (from 15 to 70 feet bgs) contained TPPH, with a maximum concentration of 640 mg/kg (24.5-25') that decreased with increasing depth. Eight of the CP-1 soil samples contained benzene, with a maximum concentration of 14 mg/kg (29.5-30'). MTBE was detected in ten of the soil samples from CP-1, with a maximum concentration of 1.3 mg/kg (29.5-30'). TPH-D was detected in soil samples from 15-55 feet bgs, with a maximum concentration of 5,000 mg/kg (29.5-30').

The certified analytical report and chain-of-custody documentation are presented in Appendix F.

GROUNDWATER LABORATORY ANALYSIS AND RESULTS

Analytical results of groundwater samples are shown in Table 2. TPPH was detected in groundwater samples from CP-1D, CP-4S, CP-6D, and CP-7M with a maximum concentration of 1500 micrograms per liter ($\mu\text{g/l}$) (CP-1D). Benzene was detected in groundwater samples from CP-1D, CP-2D, and CP-6D, with a maximum concentration of 250 $\mu\text{g/l}$ (CP-1). MTBE was detected in CP-1D, CP-2D, CP-4D, CP-6D, and CP-7M with a maximum concentration of 530 $\mu\text{g/l}$ (CP-1D). TPH-D was detected in groundwater samples from each borehole except for CP-6 and CP-7. The maximum concentration of TPH-D was 660 $\mu\text{g/l}$ (CP-1D).

The groundwater sample from CP-7 was very silty due to a small column of water coming into the hydropunch screen. The silt could have buffered the HCl in the sample vials and caused the pH to be above 2, as was noted in the laboratory report for that sample.

KINDER MORGAN PIPELINE INVESTIGATION

The *Revised Additional Soil and Groundwater Investigation Work Plan* by TRC dated November 21, 2005, stated that a 10.75-inch diameter steel pipeline that transports gasoline, diesel, and jet fuel is located adjacent to the northwest edge of the site. The pipeline's previous owner and operator was Santa Fe Pacific Pipeline Partners. The current pipeline owner is KinderMorgan Energy Partners, L.P. (KinderMorgan).

The pipeline is inspected every five years by an internal inspection device, which examines the pipe wall for anomalies resulting from internal or external corrosion or damage. The results from a May 1996 inspection found no anomalies in the pipeline. It was also indicated that no repairs or reported releases have occurred in the vicinity of the site.

Delta confirmed with KinderMorgan the current integrity of the pipeline. KinderMorgan reported that the pipeline was most recently inspected on November 15, 2004 by the internal inspection device. No anomalies were reported. The pipeline was not replaced, relocated or repaired, and the pipeline met KinderMorgan's internal management plan and Department of Transportation (DOT) requirements. There were also no releases from the 51-mile long section of the pipeline that includes the portion adjacent to the site. The next internal inspection of the pipeline is scheduled for November 15, 2009.

WASTE DISPOSAL

Drill cuttings and decontamination water generated during field activities were placed into separate, properly labeled 55-gallon Department of Transportation (DOT)-approved steel drums and stored onsite pending disposal arrangements. For waste profiling purposes, composite samples of the drill cuttings were collected and submitted to a California-certified analytical laboratory for analysis of TPPH, BTEX, MTBE, TBA, ETBE, TAME, DIPE, 1,2-DCA, EDB, and ethanol by EPA Method 8260B, TPH-D by EPA Method 8015M, and total lead by EPA Method 6010B. A decontamination water sample from

the waste drums was analyzed for TPPH, BTEX, MTBE, TBA, ETBE, TAME, DIPE, 1,2-DCA, EDB, and ethanol by EPA Method 8260B and TPH-D by EPA Method 8015M. Analytical results of the composite samples are shown in Tables 1 and 2 and the analytical report is presented as Appendix F. The soil drums were removed by Filter Recycling on March 13, 2008, and transported to their facility in Rialto, California. A copy of the waste manifest is presented as Appendix G.

DISCUSSION

The area in and around boring CP-1 contains the highest concentrations of petroleum hydrocarbons in soil and groundwater detected during the CPT investigation. Based on the presence of benzene and MTBE this is likely due to a historical release from an onsite source. The petroleum hydrocarbon concentrations in soil in CP-1 are highest between 25-30 feet bgs, well above the groundwater, and decreases with depth. During logging of the soil samples from CP-1 there was evidence of what appeared to be free product within the soil pore spaces.

The soil analytical results from CP-2 through CP-7 show petroleum hydrocarbons below the laboratory detection limits; in the case of MTBE the soil analytical results were at or below 0.022 mg/kg. This indicates that there are no significant impacts to soil from petroleum hydrocarbons in the areas drilled other than at and in the vicinity of CP-1.

Groundwater samples from upgradient borings CP-6 and CP-7 showed concentrations of TPPH, benzene, and MTBE. The rose diagram (Appendix B) shows that the groundwater flow direction has not historically been in a northeast direction from the site; therefore, it is likely the petroleum hydrocarbons present in the groundwater samples from CP-6 and CP-7 are derived from an offsite source.

TPH-D was detected in the groundwater samples from CP-1 through CP-4. The 76 Station does not currently sell diesel. However, an oil tank was installed at the site in 1907 and the TPH-D present in the groundwater may be a relic of a release from this tank.

None of the groundwater samples from the CPT borings contained TPPH, benzene, or MTBE concentrations as high as the maximum concentrations detected in monitoring wells during the fourth quarter 2007 monitoring and sampling event at the site. Monitoring well MW-5 has recently contained the highest concentrations of petroleum hydrocarbons in groundwater samples from the monitoring well network. CP-5 is located in close proximity to MW-5, but there was not enough groundwater to collect a sample from CP-5. However, during drilling of CP-5 very high concentrations of petroleum hydrocarbons were noted in the drilling equipment.

One shallow groundwater sample was collected during the CPT investigation. Some of the soil samples collected at shallow depths (above 69 feet bgs) were wet or saturated. However, pore pressure dissipation tests did not reveal shallow groundwater zones, and attempts at collecting groundwater samples from the wet or saturated zones were not successful except for the zone screened from 63-68 feet bgs in CP-4. Soil samples that were wet or saturated varied between sand, clayey sand and clay. The depths that first water was encountered varied from approximately 69 feet to 95 feet bgs.

CONCLUSION

Soil samples collected from onsite boring CP-1 showed the only elevated petroleum hydrocarbon concentrations of the seven borings drilled during the CPT investigation. This indicates an onsite source and, based on the benzene concentrations that ranged up to 9.7 mg/kg, is likely a relatively recent release. However, the concentration of TPH-D present in soil samples from 14.5-55.0 feet bgs (9.9-5,000 mg/kg) may indicate an additional impact from an older release, e.g., from an oil tank installed at the site in 1907.

Groundwater samples from boring CP-1 showed concentrations of TPPH, benzene, and MTBE which, as noted above, is likely due to a historical on site release. TPH-D was detected in groundwater samples from CP-1 through CP-4, which are each located onsite. The TPH-D in these groundwater samples may be a relic of an impact from an older release as noted above.

Aside from the groundwater samples collected from boring CP-1, the highest concentrations of TPPH, benzene, and MTBE in groundwater were detected in samples collected from borings CP-6 and CP-7, located upgradient/crossgradient from the site in the right-of-way. The petroleum hydrocarbons present in these groundwater samples are most likely from a source other than the service station site. Based on the presence of petroleum hydrocarbons in groundwater samples from boring CP-7, it is recommended that a groundwater monitoring well be installed southeast of monitoring well MW-9 on the opposite side of the right-of-way.

Shallow or perched groundwater zones were not clearly evident in the CPT boreholes, except for groundwater collected from a screened interval of 63-68 feet bgs in CP-4. This may be due to complex primary sedimentary structure or secondary structures, e.g., faults.

REMARKS

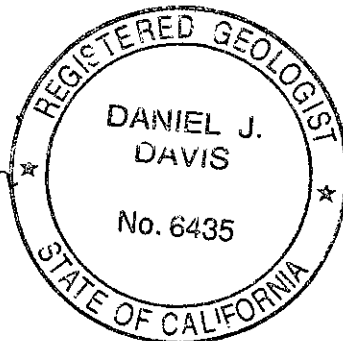
The descriptions, conclusions, and recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

If you have questions regarding this report, please contact Daniel Davis at (916) 503-1260.

Sincerely,
DELTA CONSULTANTS



Daniel J. Davis, R.G.
Senior Project Manager



Figures:

- Figure 1 – Site Location Map
- Figure 2 – Site Plan with Historic Boring Locations
- Figure 3 – Site Plan with CPT Boring Locations

Tables:

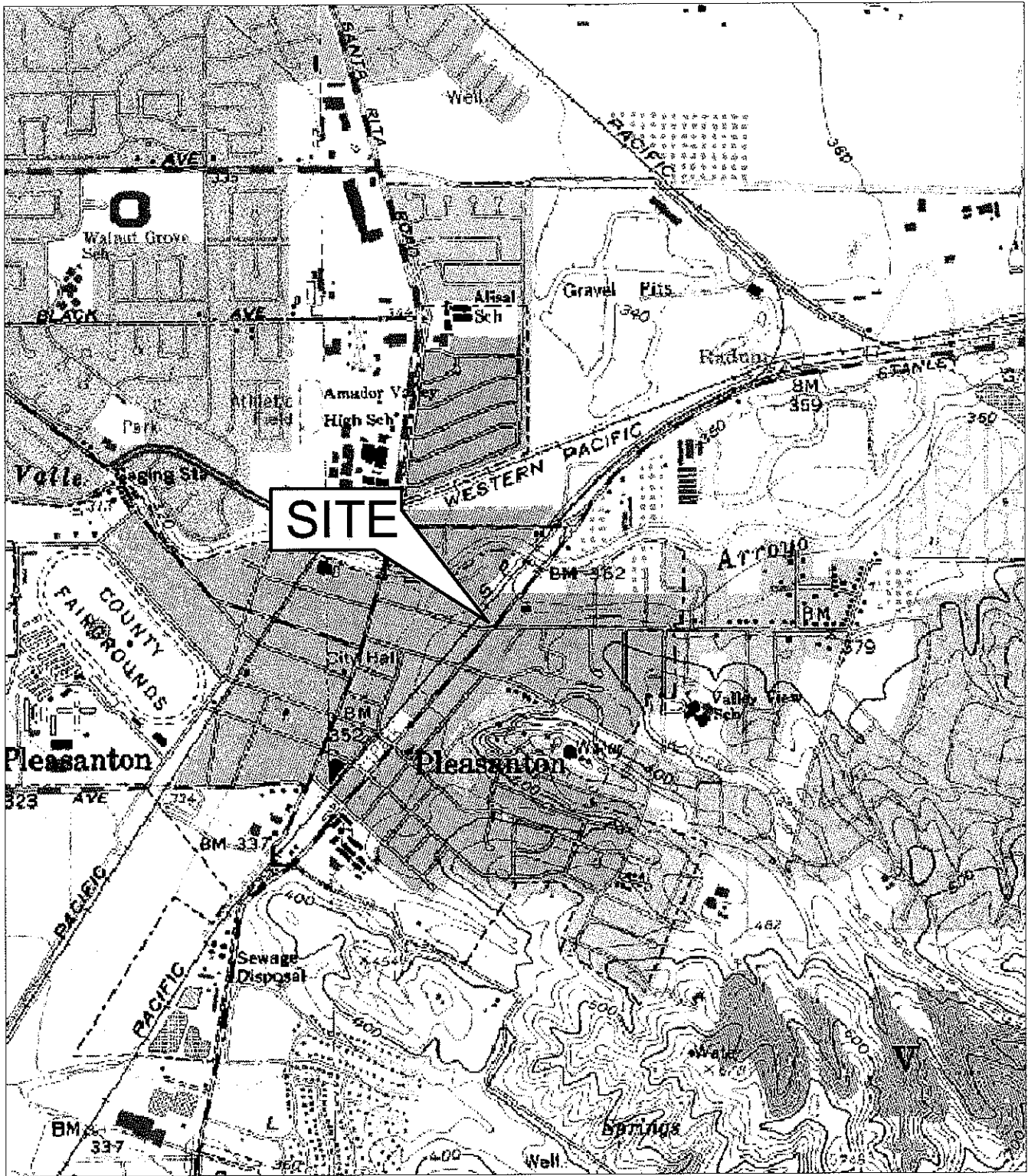
- Table 1 – Soil Analytical Results
- Table 2 – Groundwater Analytical Results

Appendices:

- Appendix A – Historical Soil and Groundwater Analytical Data
- Appendix B – Rose Diagram of Historic Groundwater Flow Directions
- Appendix C – Drilling Permit
- Appendix D – Boring Logs
- Appendix E – Gregg Drilling CPT Report
- Appendix F – Certified Laboratory Analytical Reports and Chain-of-Custody Documentation
- Appendix G – Waste Manifest

cc: Mr. Bill Borgh – ConocoPhillips (electronic copy only)
Mr. Delong Liu – 76 Station No. 7376 (hard copy)
Mr. Wyman Hong – Zone 7 Water Agency (electronic copy)

FIGURES



North

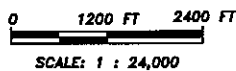


FIGURE 1

SITE LOCATION MAP

76 STATION NO. 7376
 4191 FIRST STREET
 PLEASANTON, CALIFORNIA

PROJECT NO. C107376	DRAWN BY JH 03/28/08
FILE NO. 7376-SiteLocator	PREPARED BY LS
REVISION NO.	REVIEWED BY DD



LEGEND

- Approximate property line
- Fence
- - - - - Approximate location of underground petroleum pipeline (KinderMorgan)
- - - - - Approximate location of fiber optic utility line
- ▭ Former railroad right-of-way
- MW-12 ⊕ Groundwater monitoring well
- MW-2 ∅ Abandoned well
- CP-1 ⊙ CPT boring (Delta, February 2008)
- B-8 ● Soil Boring (Gettler-Ryan, 1998-1999)
- B-1 ● Soil Boring (ENGE0, 1997)
- EB-1 ● Soil Boring (KEI, 1995)
- B-1 ● Soil Boring (AGS, 1987)

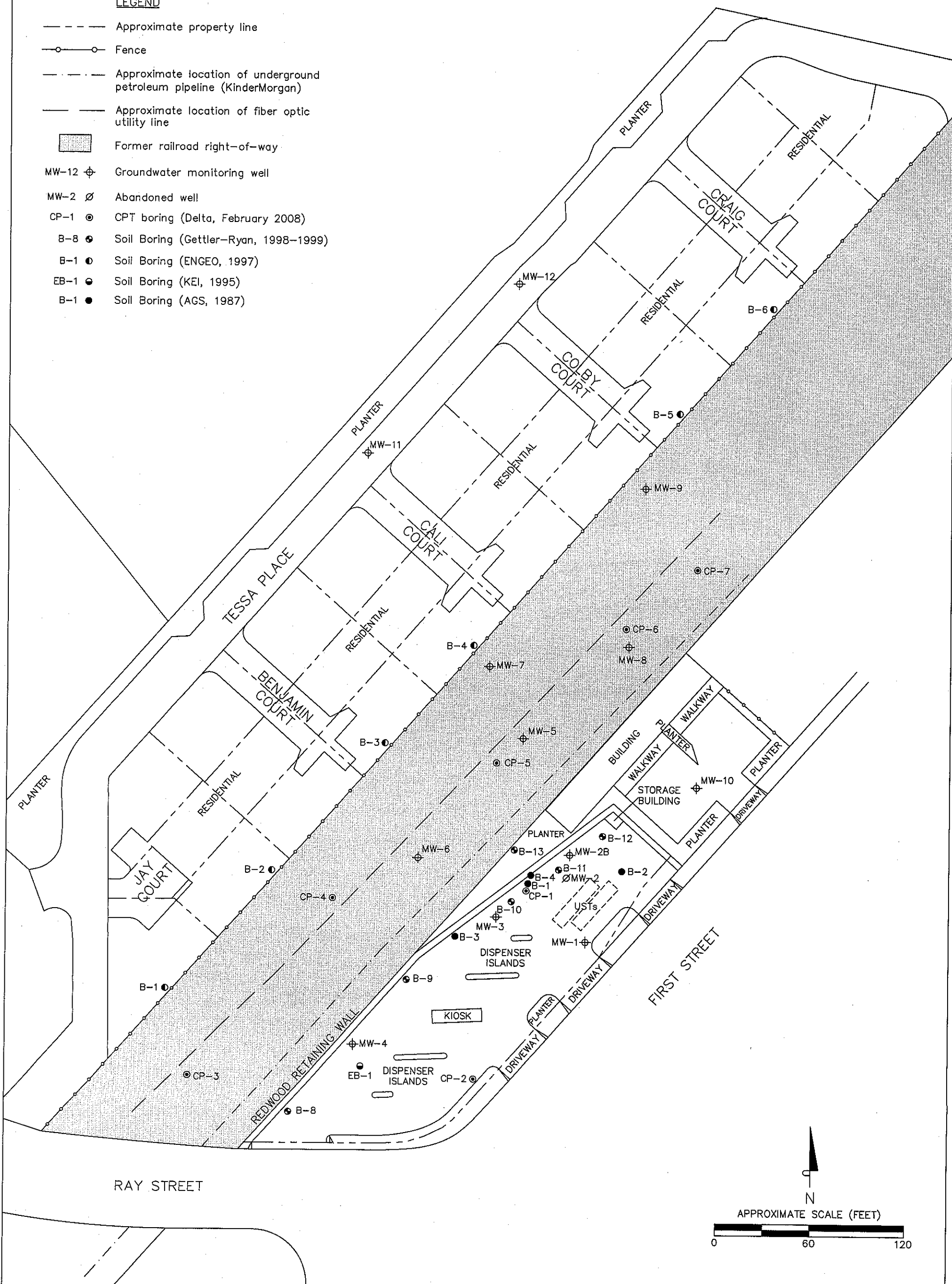


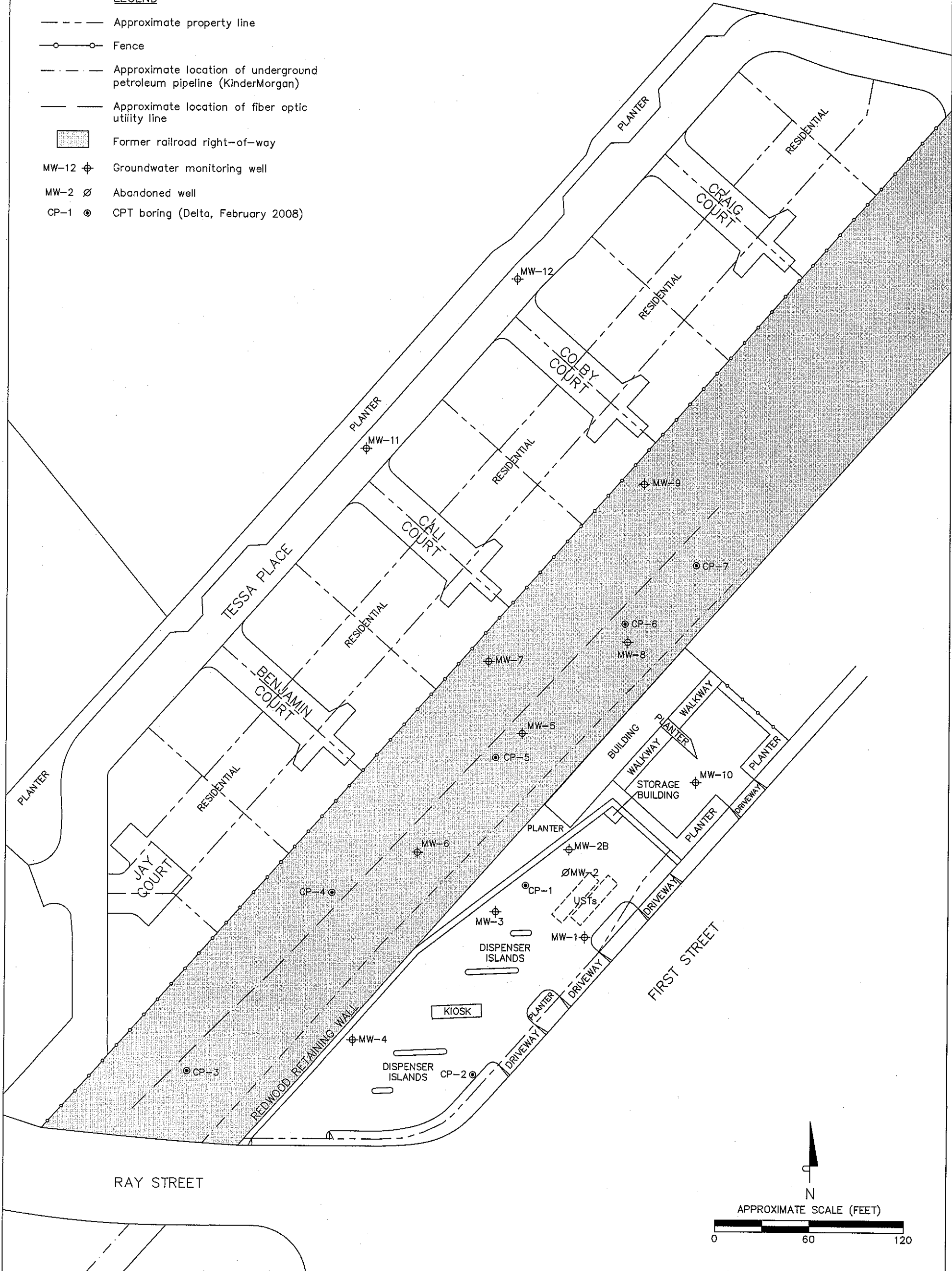
FIGURE 2
SITE PLAN WITH HISTORIC BORING LOCATIONS
 76 SERVICE STATION #7376
 4191 FIRST STREET
 PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY LS	DRAWN BY JH	
DATE 03/31/08	REVIEWED BY DD	FILE NAME 76-7376	

SOURCE: Site plan by TRC, 2008 and Gettler-Ryan, August 2000.

LEGEND

- Approximate property line
- Fence
- - - - - Approximate location of underground petroleum pipeline (KinderMorgan)
- Approximate location of fiber optic utility line
- ▨ Former railroad right-of-way
- MW-12 ⊕ Groundwater monitoring well
- MW-2 ∅ Abandoned well
- CP-1 ⊙ CPT boring (Delta, February 2008)



RAY STREET

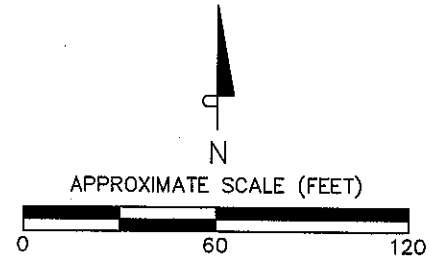


FIGURE 3
SITE PLAN WITH CPT BORING LOCATIONS

76 SERVICE STATION #7376
4191 FIRST STREET
PLEASANTON, CALIFORNIA

PROJECT NO. C107376	PREPARED BY LS	DRAWN BY JH
DATE 03/31/08	REVIEWED BY DD	FILE NAME 76-7376



SOURCE: Site plan by TRC, 2008 and Gettler-Ryan, August 2000.

TABLES

TABLE 1

SOIL ANALYTICAL RESULTS
 ConocoPhillips Station No. 7376
 4191 First Street, Pleasanton, California

Sample ID	Date	Sample Depth (feet)	TPPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	DIPE (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Ethanol (mg/kg)	TPH-D (mg/kg)	Total Lead (mg/kg)
CPT Soil Samples																	
CP-1@ 14.5-15'	2/18/2008	14.5-15	0.64	0.18	ND<0.0050	ND<0.0050	ND<0.010	0.29	0.36	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	3100	--
CP-1@ 19.5-20'	2/18/2008	19.5-20	48	2.7	0.066	0.77	0.36	0.51	ND<0.50	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<1.0	140	--
CP-1@ 24.5-25'	2/18/2008	24.5-25	640	4.5	ND<0.50	16	1.2	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<100	220	--
CP-1@ 29.5-30'	2/18/2008	29.5-30	470	14	ND<1.0	14	6.6	1.3	ND<10	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<200	5000	--
CP-1@ 34.5-35'	2/18/2008	34.5-35	370	3.8	ND<0.25	8.1	4.2	ND<0.25	ND<2.5	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<50	300	--
CP-1@ 39.5-40'	2/18/2008	39.5-40	360	9.7	ND<0.25	5.5	7.4	0.76	ND<2.5	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<0.25	ND<50	570	--
CP-1@ 44.5-45'	2/18/2008	44.5-45	61	ND<0.010	ND<0.010	ND<0.010	ND<0.020	0.075	0.26	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<2.0	920	--
CP-1@ 49.5-50'	2/18/2008	49.5-50	1.6	0.066	ND<0.0050	ND<0.0068	ND<0.010	0.29	0.43	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	130	--
CP-1@ 54.5-55'	2/18/2008	54.5-55	1.4	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.28	0.40	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	9.9	--
CP-1@ 59.5-60'	2/18/2008	59.5-60	0.27	0.033	ND<0.0050	0.0058	ND<0.010	0.063	0.19	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-1@ 64.5-65'	2/18/2008	64.5-65	0.21	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.11	0.24	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-1@ 69.5-70'	2/18/2008	69.5-70	0.35	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.32	0.22	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 9.5-10'	2/19/2008	9.5-10	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 14.5-15'	2/19/2008	14.5-15	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 19.5-20'	2/19/2008	19.5-20	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 24.5-25'	2/19/2008	24.5-25	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 29.5-30'	2/19/2008	29.5-30	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 34.5-35'	2/19/2008	34.5-35	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 39.5-40'	2/19/2008	39.5-40	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 44.5-45'	2/19/2008	44.5-45	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-2@ 49.5-50'	2/19/2008	49.5-50	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-3@ 29.5-30'	2/20/2008	29.5-30	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-3@ 84.5-85'	2/20/2008	84.5-85	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-4@ 54.5-55'	2/21/2008	54.5-55	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-4@ 64.5-65'	2/21/2008	64.5-65	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-4@ 74.5-75'	2/21/2008	74.5-75	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-5@ 44.5-45'	2/22/2008	44.5-45	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.022	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-6@ 34.5-35'	2/25/2008	34.5-35	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-6@ 69.5-70'	2/25/2008	69.5-70	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.022	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-7@ 39.5-40'	2/26/2008	39.5-40	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
CP-7@ 54.5-55'	2/26/2008	54.5-55	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.020	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	ND<2.0	--
Composite																	
Comp Soil	2/26/2008	--	ND<0.20	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.010	0.0055	ND<0.050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<1.0	2.4	15

TPPH = Total purgeable petroleum hydrocarbons by EPA Method 8260B
 BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8260B
 MTBE = Methyl tertiary butyl ether by EPA Method 8260B
 TBA = Tertiary butyl alcohol by EPA Method 8260B
 ETBE = Ethyl tertiary butyl ether by EPA Method 8260B
 DIPE = Di-isopropyl ether by EPA Method 8260B
 TAME = Tertiary amyl methyl ether by EPA Method 8260B
 1,2-DCA = 1,2-dichloroethane (also known as ethylene dichloride) by EPA Method 8260B
 EDB = Ethylene dibromide (also known as 1,2-dibromoethane) by EPA Method 8260B

TPH-D = Total petroleum hydrocarbons as diesel by EPA Method 8015 M
 Ethanol analyzed by EPA Method 8260B
 Total lead analyzed by EPA Method 6010B
 mg/kg = milligrams per kilogram
 ND = not detected above the laboratory detection limit
 -- = not applicable / not analyzed
Bold = detected compound concentration
 EPA = US Environmental Protection Agency

Table 2

GROUNDWATER ANALYTICAL RESULTS
 ConocoPhillips Station No. 7376
 4191 First Street, Pleasanton, California

Sample ID	Date	Sample Depth (feet)	TPPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	ETBE (µg/L)	TAME (µg/L)	DIPE (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TPH-D (µg/L)
CPT Water Samples																
CP-1D ^a	2/18/2008	75-77	1500	250	2.6	33	15	530	490	ND<0.50	ND<0.50	ND<0.50	28	ND<0.50	ND<250	660
CP-2D ^a	2/20/2008	95-100	ND<50	0.67	ND<0.50	ND<0.50	ND<1.0	1.4	ND<10	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<250	150
CP-3D ^a	2/20/2008	88-93	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<250	140
CP-4S ^b	2/21/2008	63-68	99	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<250	83
CP-4D ^a	2/21/2008	79-82	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	4.8	ND<10	ND<0.50	ND<0.50	ND<0.50	0.68	ND<0.50	ND<250	69
CP-6D ^a	2/25/2008	75-88	160	4.7	ND<0.50	1.0	ND<1.0	110	170	ND<0.50	ND<0.50	7.0	1.4	ND<0.50	ND<250	ND<77
CP-7M ^c	2/26/2008	72-77	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	260	120	ND<0.50	ND<0.50	2.6	1.8	ND<0.50	ND<250	ND<72
Composite																
Comp Water	2/26/2008	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<10	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<250	190

TPPH = Total purgeable petroleum hydrocarbons by EPA Method 8260B
 BTEX = Benzene, toluene, ethylbenzene, total xylenes by EPA Method 8260B
 MTBE = Methyl tertiary butyl ether by EPA Method 8260B
 TBA = Tertiary butyl alcohol by EPA Method 8260B
 ETBE = Ethyl tertiary butyl ether by EPA Method 8260B
 DIPE = Di-isopropyl ether by EPA Method 8260B
 TAME = Tertiary amyl methyl ether by EPA Method 8260B
 1,2-DCA = 1,2-dichloroethane (also known as ethylene dichloride) by EPA Method 8260B
 EDB = Ethylene dibromide (also known as 1,2-dibromoethane) by EPA Method 8260B

TPH-D = Total petroleum hydrocarbons as diesel by EPA Method 8015 M
 Ethanol analyzed by EPA Method 8260B
 µg/L = micrograms per liter
 ND = not detected above the laboratory detection limit
 -- = not applicable / not analyzed
Bold = detected compound concentration
 EPA = US Environmental Protection Agency

^a = "deep" water sample
^b = "shallow" water sample
^c = "mixed" water sample collected after drilling past a shallower zone of saturation into a deeper zone of saturation

APPENDIX A

Historical Soil and Groundwater Analytical Data

TABLE 1
SUMMARY OF SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
76 Service Station No. 7376
4191 First Street, Pleasanton, California

Sample Location	Date	Sample Depth (ftg)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TVH (mg/kg)	TEH (mg/kg)	TPH-o (mg/kg)
B1	06/30/87	20.0	--	--	17.1	73.6	17.0	92.3	--	281.9	--	--
B1	06/30/87	35.0	--	--	2.06	1.02	0.84	6.59	--	126.13	1,325	--
B1	06/30/87	45.0	--	--	0.64	1.06	0.26	1.47	--	9.36	--	--
B2	06/30/87	25.0	--	--	13.1	6.3	6.1	56.2	--	188.8	--	--
B2	06/30/87	35.0	--	--	1.47	1.58	1.81	18.09	--	56.81	--	--
B2	06/30/87	45.0	--	--	0.07	0.26	0.18	1.30	--	9.09	--	--
B3	06/30/87	10.0	--	--	ND	ND	ND	ND	--	ND	--	--
B3	06/30/87	30.0	--	--	3.95	0.51	0.13	0.85	--	7.72	--	--
B3	06/30/87	40.0	--	--	12.4	47.8	9.4	45.1	--	180.7	--	--
B4	08/21/87	35.0	--	--	1.4	0.6	0.5	4.4	--	100.5	1,835	--
B4	08/21/87	65.0	--	--	ND	ND	ND	ND	--	0.45	ND	--
B8	06/08/98	61.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B8	06/08/98	72.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B9	06/08/98	61.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B9	06/08/98	80.5	5	280	0.32	0.025	0.032	0.43	ND	--	--	ND
B9	06/08/98	81.0	4	ND	0.29	0.59	0.039	0.31	ND	--	--	ND
B10	06/11/98	12.0	1	1.8	0.013	0.013	0.021	0.13	0.23	--	--	ND
B10	06/11/98	24.5	760	1,900	5.1	0.9	22	25	ND	--	--	ND
B10	06/11/98	31.0	720	970	7.3	31	11	68	ND	--	--	ND
B10	06/11/98	38.0	4	90	0.033	0.006	0.010	0.032	0.08	--	--	ND
B10	06/11/98	49.0	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B10	06/11/98	57.0	ND	ND	0.012	0.012	0.006	0.048	ND	--	--	ND
B10	06/11/98	75.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B11	06/09/98	5.5	54	23	0.28	0.2	0.3	3.6	0.72	--	--	590
B11	06/09/98	10.5	560	66	16	8.0	5.2	25	ND	--	--	5,200
B11	06/09/98	18.0	16	3,500	0.17	0.031	0.21	0.52	ND	--	--	ND
B11	06/09/98	23.0	580	6,500	12	1.3	6.0	17	ND	--	--	ND
B11	06/09/98	31.0	290	2,200	4.1	0.89	4.7	11	2	--	--	ND
B11	06/09/98	41.0	ND	84	0.02	ND	ND	ND	0.25	--	--	ND
B11	06/09/98	45.5	2	7,300	0.036	0.15	0.022	0.15	ND	--	--	ND
B11	06/09/98	53.0	14	700	0.008	0.008	0.02	0.025	ND	--	--	ND
B11	06/09/98	61.0	370	4,000	2.8	16	5.2	24	2.5	--	--	ND
B11	06/09/98	66.5	ND	140	ND	ND	ND	ND	0.12	--	--	ND
B11	06/09/98	73.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B12	06/10/98	10.0	5	ND	0.16	0.073	0.02	0.22	1.1	--	--	ND
B12	06/10/98	16.5	ND	ND	ND	ND	ND	ND	0.64	--	--	ND
B12	06/10/98	28.5	430	14,000	5.1	3.2	6.6	15	2.6	--	--	ND
B12	06/10/98	37.5	1,700	4,700	21	3.8	8.7	7.6	ND	--	--	ND
B12	06/10/98	47.0	98	2,600	1.5	1.2	2.0	4.4	1.5	--	--	ND
B12	06/10/98	55.0	ND	ND	ND	ND	ND	0.01	ND	--	--	ND
B12	06/10/98	72.0	ND	ND	ND	ND	ND	ND	ND	--	--	ND
B13	11/22/99	7.5	93	--	ND	2.3	ND	1.1	ND	--	--	--
B13	11/22/99	15.5	ND	--	ND	ND	ND	ND	ND	--	--	--
B13	11/22/99	28.0	14,000	--	100	92	240	1,200	ND	--	--	--
B13	11/22/99	38.5	65	--	0.40	0.088	0.092	0.31	ND	--	--	--
B13	11/22/99	46.0	330	--	6.7	ND	7.0	21	2	--	--	--
B13	11/22/99	51.0	72	--	0.58	0.32	0.97	3.8	ND	--	--	--
B13	11/22/99	57.0	6.2	--	0.67	0.30	0.068	0.24	0.18	--	--	--
B13	11/22/99	63.0	2.0	--	0.38	0.22	0.013	0.16	ND	--	--	--
B13	11/22/99	73.5	ND	--	0.0052	0.0075	ND	0.024	0.058	--	--	--
B13	11/22/99	85.5	ND	--	ND	ND	ND	ND	ND	--	--	--
B13	11/22/99	101.5	ND	--	ND	ND	ND	ND	ND	--	--	--
B13	11/22/99	106.0	ND	--	ND	ND	ND	ND	ND	--	--	--
B13	11/22/99	123.5	ND	--	ND	ND	ND	ND	ND	--	--	--
B13	11/22/99	126.0	ND	--	ND	ND	ND	ND	ND	--	--	--
P1	09/09/94	3.0	ND	--	ND	ND	ND	ND	--	--	--	--
P2	09/09/94	3.0	1,300	--	3.3	57	26	130	--	--	--	--
P2	09/15/94	9.0	13	--	0.020	0.015	0.013	1.1	--	--	--	--
P3	09/09/94	3.0	4.9	--	0.071	0.028	0.065	0.70	--	--	--	--
P4	09/09/94	3.0	11	--	0.26	0.014	0.23	1.3	--	--	--	--
P5	09/09/94	3.0	8,900	--	65	570	160	800	--	--	--	--
P5	09/15/94	9.0	17	--	0.029	0.031	0.047	1.4	--	--	--	--
P6	09/09/94	3.0	ND	--	0.0093	0.015	ND	0.028	--	--	--	--
P7	09/09/94	3.0	8.7	--	0.21	0.028	0.081	0.73	--	--	--	--

TABLE 1
SUMMARY OF SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
76 Service Station No. 7376
4191 First Street, Pleasanton, California

Sample Location	Date	Sample Depth (ft)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TVH (mg/kg)	TEH (mg/kg)	TPH-o (mg/kg)
P8	09/09/94	3.0	10	--	0.074	0.27	0.043	0.38	--	--	--	--
P9	09/09/94	3.0	65*	--	0.69	0.15	0.71	3.9	--	--	--	--
P10	09/09/94	3.0	ND	--	ND	ND	ND	0.015	--	--	--	--
P11	09/09/94	3.0	ND	--	ND	ND	ND	ND	--	--	--	--
P12	09/09/94	3.0	4.7*	--	0.011	0.17	0.091	0.54	--	--	--	--
P13	09/23/94	9.0	4,400.0	--	29	390	150	790	--	--	--	--
EB-1	02/06/95	5.0	15,000	3,600**	340	1,700	390	2,100	--	--	--	--
EB-1	02/06/95	10.0	3,200	690**	32	280	73	400	--	--	--	--
EB-1	02/06/95	15.0	1,800	800**	15	140	41	240	--	--	--	--
EB-1	02/06/95	20.0	1,700	240**	4.9	76	39	220	--	--	--	--
EB-1	02/06/95	25.0	2,000	840**	3.9	78	44	250	--	--	--	--
EB-1	02/06/95	30.0	1,500	530***	ND	40	30	170	--	--	--	--
EB-1	02/06/95	35.0	1,800	200***	1.4	52	44	250	--	--	--	--
EB-1	02/06/95	40.0	1,200	98**	1.3	50	25	140	--	--	--	--
EB-1	02/06/95	45.0	27	2.6***	1.4	5.7	0.59	3.2	--	--	--	--
EB-1	02/06/95	50.0	430	55**	0.29	11	7.5	42	--	--	--	--
EB-1	02/06/95	55.0	6.4	ND	0.89	0.097	0.20	1.0	--	--	--	--
EB-1	02/06/95	60.0	1.6	ND	0.0090	0.061	0.021	0.098	--	--	--	--
EB-1	02/06/95	65.0	ND	ND	ND	0.034	0.011	0.065	--	--	--	--
MW-1 (B5)	12/02/87	35.0	--	--	ND	ND	ND	ND	--	ND	ND	--
MW-1	12/02/87	75.0	--	--	ND	ND	ND	ND	--	ND	ND	--
MW-2 (B6)	12/05/87	35.0	--	--	ND	ND	ND	ND	--	5.0	ND	--
MW-2	12/05/87	70.0	--	--	ND	ND	ND	ND	--	ND	ND	--
WELL ABANDONED 02/07/95												
MW-2B	02/06/95	5.0	7.3	ND	0.13	0.048	0.090	0.63	--	--	--	--
MW-2B	02/06/95	10.0	2.1	ND	0.062	0.020	0.0078	0.11	--	--	--	--
MW-2B	02/06/95	15.0	2.0	ND	0.12	0.0076	0.0074	0.02	--	--	--	--
MW-2B	02/06/95	20.0	16*	110**	0.50	0.042	0.12	0.18	--	--	--	--
MW-2B	02/06/95	25.0	660	550**	9.5	2.6	4.1	11	--	--	--	--
MW-2B	02/06/95	30.0	680	1,100**	8.2	1.1	6.1	11	--	--	--	--
MW-2B	02/06/95	35.0	720	2,400**	3.2	1.1	4.6	15	--	--	--	--
MW-2B	02/06/95	40.0	130*	430**	1.4	0.45	1.6	5.0	--	--	--	--
MW-2B	02/06/95	45.0	110*	1,000**	0.31	0.083	0.63	1.7	--	--	--	--
MW-2B	02/06/95	50.0	190*	1,800**	ND	0.68	0.33	2.2	--	--	--	--
MW-2B	02/06/95	55.0	4.3****	320**	ND	ND	0.013	0.056	--	--	--	--
MW-2B	02/06/95	60.0	2.2****	33**	0.013	0.0088	ND	0.035	--	--	--	--
MW-2B	02/06/95	65.0	1.0	4.7**	ND	0.0099	ND	0.0097	--	--	--	--
MW-2B	02/06/95	70.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-2B	02/06/95	75.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-2B	02/06/95	80.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-3 (B7)	12/07/87	55.0	--	--	1.3	6.2	14.0	34.0	--	390.0	220.0	--
MW-3	12/07/87	75.0	--	--	ND	ND	ND	ND	--	5.0	30.0	--
MW-4	07/24/96	5.0	14****	10	ND	ND	ND	0.068	--	--	--	--
MW-4	07/24/96	10.0	ND	ND	0.080	0.039	0.0059	0.096	--	--	--	--
MW-4	07/24/96	15.0	ND	ND	0.011	ND	ND	ND	--	--	--	--
MW-4	07/24/96	20.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-4	07/24/96	25.0	47*	15	ND	ND	ND	0.77	--	--	--	--
MW-4	07/24/96	30.0	ND	ND	ND	0.014	ND	0.029	--	--	--	--
MW-4	07/24/96	35.0	ND	ND	0.0054	0.015	ND	0.021	--	--	--	--
MW-4	07/24/96	40.0	ND	ND	0.031	0.039	0.0083	0.040	--	--	--	--
MW-4	07/24/96	45.0	ND	ND	0.015	0.0078	ND	0.0089	--	--	--	--
MW-4	07/24/96	50.0	ND	ND	0.015	ND	ND	0.0074	--	--	--	--
MW-4	07/24/96	55.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-4	07/24/96	60.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-4	07/24/96	65.0	27	ND	0.026	0.081	0.27	0.35	--	--	--	--
MW-4	07/24/96	70.0	ND	ND	0.27	0.0053	ND	0.081	--	--	--	--
MW-4	07/24/96	75.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-4	07/24/96	79.5	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	5.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	10.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	15.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	20.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	25.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	30.0	ND	ND	0.013	ND	ND	ND	--	--	--	--
MW-5	07/23/96	35.0	ND	ND	0.034	ND	ND	0.0055	--	--	--	--
MW-5	07/23/96	40.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-5	07/23/96	45.0	ND	ND	ND	ND	ND	ND	--	--	--	--

TABLE 1
SUMMARY OF SOIL SAMPLE CHEMICAL ANALYSIS RESULTS
76 Service Station No. 7376
4191 First Street, Pleasanton, California

Sample Location	Date	Sample Depth (fbg)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TVH (mg/kg)	TEH (mg/kg)	TPH-o (mg/kg)
MW-5	07/23/96	50.0	ND	ND	0.038	ND	ND	ND	--	--	--	--
MW-5	07/23/96	55.0	32	ND	0.28	ND	0.098	0.048	--	--	--	--
MW-5	07/23/96	60.0	560	110	2.4	2.6	2.3	6.5	--	--	--	--
MW-5	07/23/96	65.0	400	450	3.9	4.1	5.5	56	--	--	--	--
MW-6	07/24/96	5.0	ND	ND	0.054	0.055	0.052	0.17	--	--	--	--
MW-6	07/24/96	10.0	ND	ND	0.011	0.0085	0.014	0.043	--	--	--	--
MW-6	07/24/96	15.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-6	07/24/96	20.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-6	07/24/96	25.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-6	07/24/96	35.0	4.8	ND	0.59	0.57	0.073	0.71	--	--	--	--
MW-6	07/24/96	40.0	1.2	ND	0.27	0.15	0.010	0.053	--	--	--	--
MW-6	07/24/96	45.0	4.8	ND	1.2	1.2	0.049	0.50	--	--	--	--
MW-6	07/24/96	50.0	ND	ND	0.026	ND	0.014	0.0096	--	--	--	--
MW-6	07/24/96	55.0	5.0	200	0.034	0.043	0.049	0.11	--	--	--	--
MW-6	07/24/96	60.0	ND	ND	0.0050	ND	ND	ND	--	--	--	--
MW-6	07/24/96	65.0	ND	ND	0.011	ND	ND	ND	--	--	--	--
MW-6	07/24/96	70.0	ND	ND	0.17	0.018	ND	0.039	--	--	--	--
MW-6	07/24/96	75.0	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-6	07/24/96	77.5	ND	ND	ND	ND	ND	ND	--	--	--	--
MW-7	08/14/98	11	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-7	08/14/98	28	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-7	08/14/98	30.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-7	08/14/98	42.0	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-7	08/14/98	60.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-8	06/12/98	11	ND	ND	ND	0.007	ND	0.010	ND	--	--	ND
MW-8	06/12/98	37.0	ND	ND	ND	0.006	ND	ND	ND	--	--	ND
MW-8	06/12/98	45.5	60	79	ND	0.058	0.27	0.58	ND	--	--	ND
MW-8	06/12/98	51.5	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-8	06/12/98	67.0	ND	ND	ND	ND	ND	ND	ND	--	--	ND
MW-9	10/07/99	16	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-9	10/07/99	30.5	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-9	10/07/99	41.0	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-9	10/07/99	46.5	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-9	10/07/99	60.5	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	5.5	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	16.5	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	25.5	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	38.0	9.7	--	0.035	0.034	0.062	0.11	ND	--	--	--
MW-10	11/21/99	44.0	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	56.0	240	--	0.71	0.75	2.2	0.65	1.2	--	--	--
MW-10	11/21/99	71.0	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	82.0	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-10	11/21/99	90.5	ND	--	ND	ND	ND	ND	ND	--	--	--
MW-11	09/17/01	41.0	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-11	09/17/01	72.5	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-11	09/17/01	80.5	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-11	09/17/01	84.0	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-12	09/19/01	52.0	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-12	09/19/01	68.5	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-12	09/19/01	80.5	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--
MW-12	09/19/01	82.5	ND<1.0	ND<2.5	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.050	--	--	--

Notes:

TPH-G = total petroleum hydrocarbons as gasoline	MTBE = methyl tert butyl ether
TPH-D = total petroleum hydrocarbons as diesel	DIPE = Di-isopropyl ether
mg/kg = milligrams per kilogram	ETBE = Ethyl tert-butyl ether
ND = not detected at or above laboratory detection limits	1,2-DCA = 1,2-Dichloroethane
-- = not analyzed	TAME = tert-amyl methyl ether
TBA = tert-Butyl alcohol	EDB = Ethylene Dibromide
fbg = feet below grade	TOG = Total oil and grease
TVH = total volatile hydrocarbons	TEH = total extractable hydrocarbons
* = Laboratory reported that the hydrocarbons detected appeared to be a TPH-G and non-gasoline mixture	
** = Laboratory reported that the hydrocarbons detected appeared to be a TPH-D and non-diesel mixture	
*** = Laboratory reported that the hydrocarbons detected do not appear to be diesel	
**** = Laboratory reported that the hydrocarbons detected do not appear to be gasoline	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1	(Screen Interval in feet: 65.0-95.0)													
12/8/87	--	--	--	--	--	50	--	58	8.0	ND	10	--	--	
12/7/94	366.99	81.04	0.00	285.95	--	ND	--	ND	ND	ND	ND	--	--	
3/1/95	366.99	80.09	0.00	286.90	0.95	ND	--	ND	1.1	ND	1.3	--	--	
6/1/95	366.99	77.53	0.00	289.46	2.56	130	--	1.0	2.9	0.79	4.5	--	--	
9/6/95	366.99	79.00	0.00	287.99	-1.47	ND	--	ND	ND	ND	ND	--	--	
12/12/95	366.99	77.55	0.00	289.44	1.45	ND	--	ND	ND	ND	ND	--	--	
3/1/96	366.99	75.09	0.00	291.90	2.46	ND	--	ND	ND	ND	ND	370	--	
6/15/96	366.99	75.07	0.00	291.92	0.02	ND	--	ND	ND	ND	ND	270	--	
9/18/96	366.99	79.90	0.00	287.09	-4.83	ND	--	ND	ND	ND	ND	590	--	
12/21/96	366.99	78.96	0.00	288.03	0.94	ND	--	ND	ND	ND	ND	150	--	
3/7/97	366.99	71.49	0.00	295.50	7.47	ND	--	ND	ND	ND	ND	220	--	
6/27/97	366.99	80.05	0.00	286.94	-8.56	ND	--	ND	ND	ND	ND	17	--	
9/29/97	366.99	80.04	0.00	286.95	0.01	ND	--	ND	ND	ND	ND	24	--	
12/15/97	366.99	80.07	0.00	286.92	-0.03	ND	--	ND	ND	ND	ND	25	--	
3/16/98	366.99	71.00	0.00	295.99	9.07	ND	--	ND	0.52	ND	0.71	190	--	
6/26/98	366.98	79.29	0.00	287.69	-8.30	59	--	0.90	ND	ND	ND	570	--	
8/18/98	366.98	79.93	0.00	287.05	-0.64	--	--	--	--	--	--	--	--	
9/22/98	366.98	79.99	0.00	286.99	-0.06	ND	--	ND	ND	ND	ND	170	--	
12/15/98	366.98	80.02	0.00	286.96	-0.03	ND	--	ND	ND	ND	ND	63	--	
12/23/98	366.98	80.02	0.00	286.96	0.00	--	--	--	--	--	--	--	--	
3/15/99	366.98	78.95	0.00	288.03	1.07	ND	--	ND	ND	ND	ND	520	--	
3/23/99	366.98	78.69	0.00	288.29	0.26	--	--	--	--	--	--	--	--	
6/7/99	366.98	79.82	0.00	287.16	-1.13	ND	--	ND	ND	ND	ND	310	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1 continued														
9/3/99	366.98	79.74	0.00	287.24	0.08	ND	--	ND	ND	ND	ND	67	55.2	
12/6/99	366.98	79.74	0.00	287.24	0.00	ND	--	ND	ND	ND	ND	120	--	
3/10/00	366.98	79.66	0.00	287.32	0.08	ND	--	ND	ND	ND	ND	100	--	
6/8/00	366.98	79.57	0.00	287.41	0.09	ND	--	ND	ND	ND	ND	98.9	--	
9/25/00	366.98	79.48	0.00	287.50	0.09	ND	--	ND	ND	ND	ND	145	--	
12/19/00	366.98	79.64	0.00	287.34	-0.16	ND	--	ND	ND	ND	ND	330	--	
3/5/01	366.98	80.03	0.00	286.95	-0.39	ND	--	ND	ND	ND	ND	711	--	
6/14/01	366.98	79.52	0.00	287.46	0.51	ND	--	ND	ND	ND	ND	680	--	
9/17/01	366.98	79.76	0.00	287.22	-0.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	11	--	
9/25/01	366.98	79.71	0.00	287.27	0.05	--	--	--	--	--	--	--	--	
12/17/01	366.98	80.73	0.00	286.25	-1.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	210	240	
3/15/02	366.98	79.51	0.00	287.47	1.22	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1200	--	
6/20/02	366.98	79.60	0.00	287.38	-0.09	--	580	ND<5.0	ND<5.0	ND<5.0	ND<10	--	810	
9/27/02	366.98	80.76	0.00	286.22	-1.16	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	71	
12/30/02	366.98	81.28	0.00	285.70	-0.52	--	ND<200	ND<2.0	ND<2.0	ND<2.0	ND<4.0	--	360	
3/26/03	366.98	79.48	0.00	287.50	1.80	--	1300	ND<10	ND<10	ND<10	ND<20	--	2000	
6/10/03	366.98	80.29	0.00	286.69	-0.81	--	ND<2000	ND<20	ND<20	ND<20	ND<40	--	2800	
9/9/03	366.98	84.54	0.00	282.44	-4.25	--	1000	ND<10	ND<10	ND<10	ND<20	--	1900	
12/10/03	366.98	80.01	0.00	286.97	4.53	--	ND<2000	ND<20	ND<20	ND<20	ND<40	--	2700	
3/9/04	366.98	79.48	0.00	287.50	0.53	--	540	ND<5.0	ND<5.0	ND<5.0	ND<10	--	840	
6/21/04	366.98	79.49	0.00	287.49	-0.01	--	650	ND<5.0	ND<5.0	ND<5.0	ND<10	--	620	
9/8/04	366.98	79.43	0.00	287.55	0.06	--	93	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
12/14/04	366.98	79.45	0.00	287.53	-0.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	150	
3/17/05	366.98	79.36	0.00	287.62	0.09	--	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<10	--	830	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued														
6/15/05	366.98	78.21	0.00	288.77	1.15	--	ND<1300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2800	
9/20/05	366.98	79.18	0.00	287.80	-0.97	--	540	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1400	
12/29/05	366.98	70.69	0.00	296.29	8.49	--	460	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1400	
3/15/06	366.98	65.59	0.00	301.39	5.10	--	540	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2500	
6/28/06	366.98	66.15	0.00	300.83	-0.56	--	630	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3900	
9/28/06	366.98	70.13	0.00	296.85	-3.98	--	730	3.1	ND<2.5	ND<2.5	ND<2.5	--	2100	
12/11/06	366.98	63.29	0.00	303.69	6.84	--	180	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1400	
3/19/07	366.98	57.52	0.00	309.46	5.77	--	740	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	990	
6/15/07	366.98	66.79	0.00	300.19	-9.27	--	1400	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1900	
9/24/07	366.98	69.64	0.00	297.34	-2.85	--	1100	ND<10	ND<10	ND<10	ND<10	--	900	
12/27/07	366.98	60.34	0.00	306.64	9.30	--	240	ND<0.50	0.63	ND<0.50	ND<1.0	--	560	
MW-2 (Screen Interval in feet: DNA)														
12/8/87	--	--	--	--	--	1800	--	910	800	260	1200	--	--	Damaged
12/7/94	--	--	--	--	--	--	--	--	--	--	--	--	--	
3/1/95	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed
MW-2B (Screen Interval in feet: 65.0-85.0)														
3/1/95	365.05	80.80	0.00	284.25	--	ND	--	ND	ND	ND	ND	--	--	
6/1/95	365.05	75.69	0.00	289.36	5.11	350	--	19	5.8	ND	7.7	--	--	
9/6/95	365.05	77.54	0.00	287.51	-1.85	ND	--	90	ND	ND	ND	--	--	
12/12/95	365.05	75.96	0.00	289.09	1.58	1200	--	630	ND	15	57	--	--	
3/1/96	365.05	73.27	0.00	291.78	2.69	1000	--	620	ND	ND	5.3	4300	--	
6/15/96	365.05	73.21	0.00	291.84	0.06	910	--	350	ND	ND	ND	3700	--	
9/18/96	365.05	81.08	0.00	283.97	-7.87	1200	--	95	ND	ND	ND	5200	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2B continued														
12/21/96	365.05	77.35	0.00	287.70	3.73	330	--	57	ND	ND	ND	2900	--	
3/7/97	365.05	69.67	0.00	295.38	7.68	190	--	28	0.64	ND	1.5	4300	--	
6/27/97	365.05	82.40	0.00	282.65	-12.73	98	--	3.4	1.0	0.53	ND	3100	--	
9/29/97	365.05	82.72	0.00	282.33	-0.32	ND	--	ND	ND	ND	ND	3000	--	
12/15/97	365.05	82.57	0.00	282.48	0.15	54	--	ND	ND	ND	ND	4100	--	
3/16/98	365.05	69.13	0.00	295.92	13.44	ND	--	17	ND	ND	ND	4400	--	
6/26/98	365.05	77.78	0.00	287.27	-8.65	ND	--	ND	ND	ND	ND	4000	--	
8/18/98	365.05	83.99	0.00	281.06	-6.21	--	--	--	--	--	--	--	--	
9/22/98	365.05	83.89	0.00	281.16	0.10	ND	--	ND	ND	ND	21	4600	--	
12/15/98	365.05	82.84	0.00	282.21	1.05	ND	--	ND	ND	ND	ND	5100	--	
12/23/98	365.05	82.55	0.00	282.50	0.29	--	--	--	--	--	--	--	--	
3/15/99	365.05	77.31	0.00	287.74	5.24	ND	--	ND	ND	ND	ND	4300	4800	
3/23/99	365.05	77.06	0.00	287.99	0.25	--	--	--	--	--	--	--	--	
6/7/99	365.05	82.96	0.00	282.09	-5.90	ND	--	ND	ND	ND	ND	5100	--	
9/3/99	365.05	84.16	0.00	280.89	-1.20	ND	--	ND	ND	ND	ND	6300	4400	
12/6/99	365.05	84.41	0.00	280.64	-0.25	ND	--	ND	ND	ND	ND	4400	--	
3/10/00	365.05	82.42	0.00	282.63	1.99	ND	--	ND	ND	ND	ND	6900	--	
6/8/00	365.05	82.73	0.00	282.32	-0.31	ND	--	ND	ND	ND	ND	7780	--	
9/25/00	365.05	84.24	0.00	280.81	-1.51	52.9	--	8.83	6.58	0.932	5.60	12200	--	
12/19/00	365.05	84.39	0.00	280.66	-0.15	ND	--	ND	ND	ND	ND	6000	--	
3/5/01	365.05	84.61	0.00	280.44	-0.22	ND	--	ND	ND	ND	ND	5890	--	
6/14/01	365.05	83.53	0.00	281.52	1.08	ND	--	ND	ND	ND	ND	6600	--	
9/17/01	365.05	84.55	0.00	280.50	-1.02	ND<200	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	5100	--	
9/25/01	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
 December 1987 Through December 2007
 76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2B continued														
12/17/01	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/15/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
6/20/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/27/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/26/03	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/10/03	365.05	83.17	0.00	281.88	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	6400	--	
9/9/03	365.05	84.56	0.00	280.49	-1.39	--	--	--	--	--	--	--	--	car parked on well
12/10/03	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/9/04	365.05	84.13	0.00	280.92	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	5200	
6/21/04	365.05	83.71	0.00	281.34	0.42	--	3400	ND<25	ND<25	ND<25	ND<50	--	4600	
9/8/04	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/14/04	365.05	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/05	365.05	79.55	0.00	285.50	--	--	ND<5000	ND<0.50	ND<0.50	0.83	ND<1.0	--	7800	
6/15/05	365.05	76.89	0.00	288.16	2.66	--	ND<5000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6400	
9/20/05	--	83.24	0.00	--	--	--	3200	ND<12	ND<12	ND<12	ND<25	--	6000	Casing elevation modified on 6/22/05
12/29/05	--	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
3/15/06	--	64.03	0.00	--	--	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	5700	
6/28/06	--	61.22	0.00	--	--	--	3000	ND<5.0	ND<5.0	ND<5.0	ND<10	--	11000	
9/28/06	--	66.35	0.00	--	--	--	3100	ND<10	ND<10	ND<10	ND<10	--	9800	
12/11/06	--	61.20	0.00	--	--	--	330	1.3	ND<0.50	1.9	1.6	--	10000	
3/19/07	--	55.75	0.00	--	--	--	8600	ND<25	ND<25	ND<25	ND<25	--	11000	
6/15/07	--	65.21	0.00	--	--	--	4700	ND<10	ND<10	ND<10	ND<10	--	9300	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-2B continued														
9/24/07	--	63.41	0.00	--	--	--	--	--	--	--	--	--	--	LPH in casing well
12/27/07	--	58.75	0.00	--	--	--	1500	0.66	1.2	0.64	1.5	--	7900	
MW-3 (Screen Interval in feet: 76.5-96.5)														
12/8/87	--	--	--	--	--	24000	--	2600	1300	160	660	--	--	
12/7/94	367.01	85.54	0.00	281.47	--	ND	--	ND	ND	ND	ND	--	--	
3/1/95	367.01	83.20	0.00	283.81	2.34	ND	--	ND	1.1	ND	1.1	--	--	
6/1/95	367.01	77.60	0.00	289.41	5.60	62	--	7.8	0.90	ND	1.6	--	--	
9/6/95	367.01	79.28	0.00	287.73	-1.68	4100	--	380	490	130	710	--	--	
12/12/95	367.01	77.73	0.00	289.28	1.55	19000	--	600	380	2100	5300	--	--	
3/1/96	367.01	75.18	0.00	291.83	2.55	3400	--	950	3.2	1900	290	59	--	
6/15/96	367.01	75.13	0.00	291.88	0.05	780	--	190	8.8	3.8	4.0	630	--	
9/18/96	367.01	82.84	0.00	284.17	-7.71	2800	--	340	12	11	110	2500	--	
12/21/96	367.01	79.29	0.00	287.72	3.55	51	--	1.3	ND	ND	0.53	20	--	
3/7/97	367.01	71.58	0.00	295.43	7.71	1400	--	53	14	29	68	220	--	
6/27/97	367.01	83.27	0.00	283.74	-11.69	ND	--	ND	ND	ND	ND	27	--	
9/29/97	367.01	83.33	0.00	283.68	-0.06	ND	--	ND	ND	ND	ND	11	--	
12/15/97	367.01	83.35	0.00	283.66	-0.02	ND	--	ND	ND	ND	ND	19	--	
3/16/98	367.01	71.07	0.00	295.94	12.28	130	--	6.5	1.9	1.5	1.6	210	--	
6/26/98	367.03	79.65	0.00	287.38	-8.56	400	--	15	ND	ND	1.9	490	--	
8/18/98	367.03	83.29	0.00	283.74	-3.64	--	--	--	--	--	--	--	--	
9/22/98	367.03	83.33	0.00	283.70	-0.04	ND	--	ND	ND	ND	ND	24	--	
12/15/98	367.03	83.29	0.00	283.74	0.04	ND	--	ND	ND	ND	ND	18	--	
12/23/98	367.03	83.28	0.00	283.75	0.01	--	--	--	--	--	--	--	--	
3/15/99	367.03	79.19	0.00	287.84	4.09	26000	--	3100	270	2200	3100	1300	--	

Table 2
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December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
3/23/99	367.03	78.92	0.00	288.11	0.27	--	--	--	--	--	--	--	--	
6/7/99	367.03	83.22	0.00	283.81	-4.30	ND	--	ND	ND	0.63	ND	29	--	
9/3/99	367.03	83.31	0.00	283.72	-0.09	23000	--	770	ND	980	6400	280	82.4	
12/6/99	367.03	83.41	0.00	283.62	-0.10	41000	--	3200	3500	1300	8300	ND	--	
3/10/00	367.03	83.23	0.00	283.80	0.18	5100	--	340	ND	97	450	200	--	
6/8/00	367.03	83.22	0.00	283.81	0.01	1200	--	52.0	ND	41.7	356	55.8	--	
9/25/00	367.03	83.37	0.00	283.66	-0.15	3400	--	305	ND	25.4	512	137	--	
12/19/00	367.03	83.27	0.00	283.76	0.10	6800	--	260	ND	120	950	130	--	
3/5/01	367.03	83.34	0.00	283.69	-0.07	16800	--	1100	48.6	637	4260	224	--	
6/14/01	367.03	83.39	0.00	283.64	-0.05	1800	--	260	ND	5.5	25	83	--	
9/17/01	367.03	84.10	0.00	282.93	-0.71	ND<50	--	0.50	ND<0.50	ND<0.50	ND<0.50	71	--	
9/25/01	367.03	84.23	0.00	282.80	-0.13	--	--	--	--	--	--	--	--	
12/17/01	367.03	83.32	0.00	283.71	0.91	1800	--	120	ND<5.0	45	270	80	91	
3/15/02	367.03	83.27	0.00	283.76	0.05	15000	--	160	ND<50	140	4400	ND<250	--	
6/20/02	367.03	83.74	0.00	283.29	-0.47	--	3700	98	0.69	4.0	2.3	--	92	
9/27/02	367.03	84.20	0.00	282.83	-0.46	--	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	67	
12/30/02	367.03	83.24	0.00	283.79	0.96	--	5900	320	ND<5.0	80	1500	--	160	
3/26/03	367.03	83.27	0.00	283.76	-0.03	--	7200	95	6.3	140	1500	--	130	
6/10/03	367.03	83.59	0.00	283.44	-0.32	--	360	2.1	ND<0.50	1.1	1.0	--	54	
9/9/03	367.01	83.75	0.00	283.26	-0.18	--	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	63	
12/10/03	367.01	83.21	0.00	283.80	0.54	--	980	32	ND<1.0	7.0	160	--	90	
3/9/04	367.01	83.23	0.00	283.78	-0.02	--	1300	4.2	0.67	6.4	91	--	83	
6/21/04	367.01	83.31	0.00	283.70	-0.08	--	96	ND<0.50	0.62	ND<0.50	ND<1.0	--	59	
9/8/04	367.01	83.81	0.00	283.20	-0.50	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	82	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
12/14/04	367.01	83.20	0.00	283.81	0.61	--	1800	44	0.83	22	310	--	120	
3/17/05	367.01	81.33	0.00	285.68	1.87	--	11000	110	1.3	38	1100	--	57	
6/15/05	367.01	78.31	0.00	288.70	3.02	--	910	0.92	ND<0.50	1.0	ND<1.0	--	59	
9/20/05	367.01	83.28	0.00	283.73	-4.97	--	94	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	150	
12/29/05	367.01	70.73	0.00	296.28	12.55	--	2100	27	ND<0.50	91	260	--	64	
3/15/06	367.01	65.91	0.00	301.10	4.82	--	860	7.5	ND<0.50	3.3	ND<1.0	--	98	
6/28/06	367.01	66.16	0.00	300.85	-0.25	--	2200	430	14	25	17	--	380	
9/28/06	367.01	70.15	0.00	296.86	-3.99	--	410	110	ND<0.50	0.52	ND<0.50	--	79	
12/11/06	367.01	63.33	0.00	303.68	6.82	--	370	14	ND<0.50	ND<0.50	ND<0.50	--	70	
3/19/07	367.01	57.35	0.00	309.66	5.98	--	820	4.2	ND<0.50	ND<0.50	0.88	--	69	
6/15/07	367.01	66.79	0.00	300.22	-9.44	--	1500	130	1.3	7.8	8.8	--	400	
9/24/07	367.01	69.70	0.00	297.31	-2.91	--	330	1.1	ND<0.50	ND<0.50	ND<0.50	--	51	
12/27/07	367.01	60.35	0.00	306.66	9.35	--	210	0.54	0.98	ND<0.50	1.4	--	52	
MW-4 (Screen Interval in feet: 73.0-93.0)														
9/18/96	369.03	73.67	0.00	295.36	--	160	--	14	ND	ND	1.6	ND	--	
12/21/96	369.03	77.69	0.00	291.34	-4.02	ND	--	ND	ND	ND	ND	ND	--	
3/7/97	369.03	68.04	0.00	300.99	9.65	ND	--	1.9	0.99	ND	1.5	ND	--	
6/27/97	369.03	79.06	0.00	289.97	-11.02	ND	--	ND	ND	ND	ND	ND	--	
9/29/97	369.03	85.83	0.00	283.20	-6.77	ND	--	ND	ND	ND	ND	ND	--	
12/15/97	369.03	87.26	0.00	281.77	-1.43	ND	--	ND	ND	ND	ND	ND	--	
3/16/98	369.03	75.09	0.00	293.94	12.17	ND	--	ND	0.69	ND	0.82	ND	--	
6/26/98	368.81	73.81	0.00	295.00	1.06	100	--	62	ND	ND	ND	ND	--	
8/18/98	368.81	78.75	0.00	290.06	-4.94	--	--	--	--	--	--	--	--	
9/22/98	368.81	83.95	0.00	284.86	-5.20	ND	--	ND	ND	ND	ND	2.8	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued														
12/15/98	368.81	85.41	0.00	283.40	-1.46	ND	--	ND	ND	ND	ND	ND	--	
12/23/98	368.81	84.95	0.00	283.86	0.46	--	--	--	--	--	--	--	--	
3/15/99	368.81	78.47	0.00	290.34	6.48	ND	--	ND	ND	ND	ND	ND	--	
3/23/99	368.81	77.37	0.00	291.44	1.10	--	--	--	--	--	--	--	--	
6/7/99	368.81	76.60	0.00	292.21	0.77	ND	--	ND	ND	ND	ND	ND	--	
9/3/99	368.81	87.23	0.00	281.58	-10.63	ND	--	ND	ND	ND	ND	ND	ND	
12/6/99	368.81	92.23	0.00	276.58	-5.00	ND	--	ND	ND	ND	ND	ND	--	
3/10/00	368.81	88.54	0.00	280.27	3.69	ND	--	ND	ND	ND	ND	ND	--	
6/8/00	368.81	86.98	0.00	281.83	1.56	ND	--	ND	ND	ND	ND	ND	--	
9/25/00	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/00	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/5/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/14/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/17/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/25/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/01	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/15/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/20/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/27/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/26/03	368.81	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/10/03	368.81	89.76	0.00	279.05	--	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/9/03	368.81	89.47	0.00	279.34	0.29	--	ND<0.50	ND<0.50	0.80	ND<0.50	ND<1.0	--	ND<2.0	
12/10/03	368.81	90.44	0.00	278.37	-0.97	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued														
3/9/04	368.81	84.89	0.00	283.92	5.55	--	ND<50	4.2	0.59	2.0	1.3	--	ND<2.0	
6/21/04	368.81	81.90	0.00	286.91	2.99	--	ND<50	ND<0.50	0.68	ND<0.50	ND<1.0	--	ND<0.50	
9/8/04	368.81	86.45	0.00	282.36	-4.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/14/04	368.81	89.95	0.00	278.86	-3.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/17/05	368.81	78.86	0.00	289.95	11.09	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/15/05	368.81	73.07	0.00	295.74	5.79	--	ND<50	0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/20/05	368.81	79.83	0.00	288.98	-6.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/05	368.81	74.08	0.00	294.73	5.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/15/06	368.81	62.45	0.00	306.36	11.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/06	368.81	61.87	0.00	306.94	0.58	--	ND<50	2.9	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/06	368.81	70.81	0.00	298.00	-8.94	--	ND<50	0.53	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/11/06	368.81	64.10	0.00	304.71	6.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
3/19/07	368.81	60.37	0.00	308.44	3.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/15/07	368.81	62.13	0.00	306.68	-1.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
9/24/07	368.81	71.59	0.00	297.22	-9.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/27/07	368.81	62.18	0.00	306.63	9.41	--	ND<50	ND<0.50	1.1	ND<0.50	1.5	--	ND<0.50	
MW-5 (Screen Interval in feet: 52.0-72.0)														
9/18/96	363.23	64.20	0.00	299.03	--	36000	--	6700	410	730	6500	4100	--	
12/21/96	363.23	61.77	--	301.46	2.43	25000	--	3200	300	780	3600	2600	--	
3/7/97	363.23	56.30	--	306.93	5.47	14000	--	1300	120	410	1200	1700	--	
6/27/97	363.23	68.88	0.90	295.02	-11.91	--	--	--	--	--	--	--	--	Not sampled-LPH in well
9/29/97	363.23	69.47	0.35	294.02	-1.00	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/15/97	363.23	64.92	0.30	298.54	4.51	--	--	--	--	--	--	--	--	Not sampled-LPH in well
3/16/98	363.23	49.63	0.09	313.67	15.13	--	--	--	--	--	--	--	--	Not sampled-LPH in well

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
6/26/98	363.21	64.13	--	299.08	-14.59	490	--	6.3	2.8	4.2	5.1	10	--	
8/18/98	363.21	70.40	0.01	292.81	-6.27	--	--	--	--	--	--	--	--	
9/22/98	363.21	69.10	0.06	294.15	1.34	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/15/98	363.21	68.84	0.17	294.50	0.34	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/23/98	363.21	68.42	0.50	295.16	0.67	--	--	--	--	--	--	--	--	
3/15/99	363.21	63.81	0.25	299.59	4.42	--	--	--	--	--	--	--	--	
3/23/99	363.21	63.59	0.13	299.72	0.13	--	--	--	--	--	--	--	--	
6/7/99	363.21	68.25	0.82	295.57	-4.14	210000	--	6700	3700	5000	20000	11000	4000	
9/3/99	363.21	69.38	0.70	294.35	-1.22	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/6/99	363.21	70.02	0.82	293.80	-0.55	--	--	--	--	--	--	--	--	Not sampled-LPH in well
3/10/00	363.21	64.56	0.64	299.13	5.33	--	--	--	--	--	--	--	--	Not sampled-LPH in well
6/8/00	363.21	66.47	0.51	297.12	-2.01	--	--	--	--	--	--	--	--	Not sampled-LPH in well
9/25/00	363.21	69.02	0.60	294.64	-2.48	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/19/00	363.21	68.31	0.14	295.01	0.36	--	--	--	--	--	--	--	--	Not sampled-LPH in well
3/5/01	363.21	64.19	0.08	299.08	4.07	--	--	--	--	--	--	--	--	Not sampled-LPH in well
6/14/01	363.21	64.02	0.11	299.27	0.19	--	--	--	--	--	--	--	--	Not sampled-LPH in well
9/17/01	363.21	72.07	0.04	291.17	-8.10	--	--	--	--	--	--	--	--	Not sampled-LPH in well
9/25/01	363.21	72.17	0.03	291.06	-0.11	--	--	--	--	--	--	--	--	Not sampled-LPH in well
12/17/01	363.21	72.11	0.03	291.12	0.06	--	--	--	--	--	--	--	--	Not sampled-LPH in well
3/15/02	363.21	66.93	0.22	296.45	5.32	--	--	--	--	--	--	--	--	Not sampled-LPH in well
6/20/02	363.21	69.71	0.42	293.82	-2.63	--	--	--	--	--	--	--	--	Not sampled-LPH in well
9/27/02	363.21	72.07	0.00	291.14	-2.68	--	--	--	--	--	--	--	--	Not enough water to sample
12/30/02	363.21	71.91	0.00	291.30	0.16	--	--	--	--	--	--	--	--	Not enough water to sample
3/26/03	363.21	67.55	0.15	295.77	4.47	--	--	--	--	--	--	--	--	Not sampled-LPH in well

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
6/10/03	363.21	69.34	0.12	293.96	-1.81	--	--	--	--	--	--	--	--	Not sampled-LPH in well
9/9/03	363.21	68.97	0.00	294.24	0.28	--	--	--	--	--	--	--	--	LPH in well
12/10/03	363.21	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/9/04	363.21	66.03	0.00	297.18	--	--	19000	7300	370	910	890	--	1400	
6/21/04	363.21	67.50	0.00	295.71	-1.47	--	13000	3700	220	710	660	--	1900	
9/8/04	363.21	70.62	0.02	292.61	-3.10	--	--	--	--	--	--	--	--	LPH in well
12/14/04	363.21	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/05	363.21	65.88	0.02	297.35	--	--	--	--	--	--	--	--	--	LPH in well
6/15/05	363.21	63.20	0.02	300.02	2.68	--	--	--	--	--	--	--	--	LPH in well
9/20/05	363.21	66.74	0.01	296.48	-3.55	--	--	--	--	--	--	--	--	LPH in well
12/29/05	363.21	64.04	0.01	299.18	2.70	--	--	--	--	--	--	--	--	LPH in well
3/15/06	363.21	57.95	0.01	305.27	6.09	--	--	--	--	--	--	--	--	LPH in well
6/28/06	363.21	57.33	0.02	305.90	0.63	--	--	--	--	--	--	--	--	LPH in well
9/28/06	363.21	60.65	0.01	302.57	-3.33	--	--	--	--	--	--	--	--	LPH in well
12/11/06	363.21	56.92	0.02	306.30	3.74	--	--	--	--	--	--	--	--	LPH in well
3/19/07	363.21	52.37	0.00	310.84	4.54	--	16000	620	31	330	320	--	1600	
6/15/07	363.21	55.70	0.00	307.51	-3.33	--	13000	1400	37	430	180	--	4400	
9/24/07	363.21	61.14	0.00	302.07	-5.44	--	17000	1500	34	490	130	--	4000	
12/27/07	363.21	54.95	0.00	308.26	6.19	--	6500	1100	31	300	110	--	1400	
MW-6 (Screen Interval in feet: 68.0-88.0)														
9/18/96	363.12	79.07	0.00	284.05	--	160	--	5.4	ND	ND	ND	ND	--	
12/21/96	363.12	75.40	0.00	287.72	3.67	300	--	96	1.3	ND	1.7	21	--	
3/7/97	363.12	67.61	0.00	295.51	7.79	1800	--	920	18	ND	31	290	--	
6/27/97	363.12	80.45	0.00	282.67	-12.84	ND	--	0.73	ND	ND	38	38	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
9/29/97	363.12	86.02	0.00	277.10	-5.57	62	--	ND	ND	ND	ND	43	--	
12/15/97	363.12	84.03	0.00	279.09	1.99	78	--	ND	ND	ND	ND	39	--	
3/16/98	363.12	67.15	0.00	295.97	16.88	210	--	36	2.5	ND	3.0	64	--	
6/26/98	363.13	75.71	0.00	287.42	-8.55	530	--	300	8.3	2.8	8.7	81	--	
8/18/98	363.13	74.86	0.00	288.27	0.85	--	--	--	--	--	--	--	--	
9/22/98	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
12/15/98	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
12/23/98	363.13	80.80	0.00	282.33	--	120	--	1.1	ND	ND	0.78	25	--	
1/23/99	363.13	80.68	0.00	282.45	0.12	ND	--	--	--	--	--	--	--	
3/15/99	363.13	75.29	0.00	287.84	5.39	62	--	1.4	ND	ND	ND	23	--	
3/23/99	363.13	75.03	0.00	288.10	0.26	--	--	--	--	--	--	--	--	
6/7/99	363.13	82.27	0.00	280.86	-7.24	ND	--	ND	ND	ND	ND	18	--	
9/3/99	363.13	87.49	0.00	275.64	-5.22	--	--	--	--	--	--	--	--	Dry well
12/6/99	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/10/00	363.13	85.61	0.00	277.52	--	ND	--	ND	ND	ND	ND	64	--	
6/8/00	363.13	87.36	0.00	275.77	-1.75	--	--	--	--	--	--	--	--	Dry well
9/25/00	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/00	363.13	87.73	--	275.40	--	--	--	--	--	--	--	--	--	Dry well
3/5/01	363.13	87.82	--	275.31	-0.09	--	--	--	--	--	--	--	--	Dry well
6/14/01	363.13	87.69	0.00	275.44	0.13	--	--	--	--	--	--	--	--	Dry well
9/17/01	363.13	87.70	0.00	275.43	-0.01	--	--	--	--	--	--	--	--	Dry well
9/25/01	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/01	363.13	87.74	0.00	275.39	--	--	--	--	--	--	--	--	--	Dry well
3/15/02	363.13	87.72	0.00	275.41	0.02	--	--	--	--	--	--	--	--	Dry well

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
6/20/02	363.13	87.79	0.00	275.34	-0.07	--	--	--	--	--	--	--	--	Dry well
9/27/02	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/26/03	363.13	87.67	0.00	275.46	--	--	--	--	--	--	--	--	--	Dry well
6/10/03	363.13	87.13	0.00	276.00	0.54	--	--	--	--	--	--	--	--	Dry well
9/9/03	363.13	87.29	0.00	275.84	-0.16	--	--	--	--	--	--	--	--	Not enough water to sample
12/10/03	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/9/04	363.13	83.53	0.00	279.60	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	37	
6/21/04	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/8/04	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/14/04	363.13	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/05	363.13	77.58	0.00	285.55	--	--	79	0.67	ND<0.50	ND<0.50	ND<1.0	--	23	
6/15/05	363.13	74.44	0.00	288.69	3.14	--	ND<50	0.51	ND<0.50	ND<0.50	ND<1.0	--	18	
9/20/05	--	81.92	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	13	Casing elevation modified on 6/22/05
12/29/05	--	67.19	0.00	--	--	--	53	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	29	
3/15/06	--	61.88	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
6/28/06	--	62.52	0.00	--	--	--	ND<50	2.0	0.74	0.73	1.4	--	12	
9/28/06	--	66.54	0.00	--	--	--	82	0.58	ND<0.50	ND<0.50	ND<0.50	--	9.7	
12/11/06	--	59.64	0.00	--	--	--	59	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	11	
3/19/07	--	53.75	0.00	--	--	--	ND<50	1.1	ND<0.50	ND<0.50	ND<0.50	--	22	
6/15/07	--	63.00	0.00	--	--	--	82	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	13	
9/24/07	--	66.10	0.00	--	--	--	110	ND<0.50	1.2	ND<0.50	0.85	--	8.8	
12/27/07	--	56.75	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.4	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
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Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-7 (Screen Interval in feet: 55.0-75.0)														
6/26/98	355.97	--	--	--	--	--	--	--	--	--	--	--	--	
8/18/98	355.97	68.75	0.00	287.22	--	4000	--	1900	48	160	ND	1700	--	
9/22/98	355.97	66.35	0.00	289.62	2.40	3200	--	1100	ND	22	ND	1500	--	
12/15/98	355.97	65.03	0.00	290.94	1.32	1900	--	180	2.7	2.9	3.8	1400	--	
12/23/98	355.97	64.82	0.00	291.15	0.21	--	--	--	--	--	--	--	--	
3/15/99	355.97	60.44	0.00	295.53	4.38	2700	--	1100	ND	30	16	1400	970	
3/23/99	355.97	60.43	0.00	295.54	0.01	--	--	--	--	--	--	--	--	
6/7/99	355.97	64.48	0.00	291.49	-4.05	2600	--	180	21	ND	13	1200	--	
9/3/99	355.97	69.98	0.00	285.99	-5.50	870	--	69	ND	ND	ND	1100	872	
12/6/99	355.97	70.18	0.00	285.79	-0.20	1900	--	350	ND	ND	ND	1100	--	
3/10/00	355.97	67.36	0.00	288.61	2.82	2900	--	1600	ND	40	54	1100	--	
6/8/00	355.97	69.81	0.00	286.16	-2.45	625	--	30.8	ND	0.761	0.940	1290	--	
9/25/00	355.97	70.15	0.00	285.82	-0.34	2180	--	423	ND	ND	ND	1510	--	
12/19/00	355.97	70.11	0.00	285.86	0.04	5900	--	1000	ND	ND	ND	1300	--	
3/5/01	355.97	68.72	0.00	287.25	1.39	13200	--	5070	195	306	385	1530	--	
6/14/01	355.97	70.00	0.00	285.97	-1.28	6400	--	3300	85	96	170	1000	--	
9/17/01	355.97	70.28	0.00	285.69	-0.28	11000	--	3000	ND<50	ND<50	ND<50	750	--	
9/25/01	355.97	70.49	0.00	285.48	-0.21	--	--	--	--	--	--	--	--	
12/17/01	355.97	71.35	0.00	284.62	-0.86	5800	--	1100	ND<10	ND<10	ND<10	760	670	
3/15/02	355.97	68.56	0.00	287.41	2.79	2800	--	850	22	74	39	360	540	
6/20/02	355.97	70.01	0.00	285.96	-1.45	--	9900	3200	23	41	ND<40	--	390	
9/27/02	355.97	71.50	0.00	284.47	-1.49	--	4200	710	ND<10	ND<10	ND<20	--	610	
12/30/02	355.97	71.25	0.00	284.72	0.25	--	2400	620	ND<2.5	20	53	--	500	
3/26/03	355.97	68.79	0.00	287.18	2.46	--	5300	1800	ND<10	13	ND<20	--	270	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (3015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
6/10/03	355.97	69.10	0.00	286.87	-0.31	--	1300	380	ND<5.0	ND<5.0	ND<10	--	--	
9/9/03	355.97	70.04	0.00	285.93	-0.94	--	1900	240	ND<2.5	ND<2.5	ND<5.0	--	380	
12/10/03	355.97	69.98	0.00	285.99	0.06	--	4500	500	ND<5.0	ND<5.0	ND<10	--	340	
3/9/04	355.97	66.66	0.00	289.31	3.32	--	5600	1700	11	34	ND<20	--	280	
6/21/04	355.97	67.82	0.00	288.15	-1.16	--	2300	260	ND<2.5	3.0	ND<5.0	--	300	
9/8/04	355.97	70.05	0.00	285.92	-2.23	--	1400	72	ND<2.5	ND<2.5	ND<5.0	--	440	
12/14/04	355.97	70.87	--	285.10	-0.82	--	2200	180	ND<1.0	1.8	ND<2.0	--	320	
3/17/05	355.97	63.69	0.00	292.28	7.18	--	5700	1800	7.8	24	16	--	190	
6/15/05	355.97	59.29	0.00	296.68	4.40	--	3900	230	ND<2.5	3.7	8.0	--	280	
9/20/05	355.97	64.38	0.00	291.59	-5.09	--	1200	5.8	ND<5.0	ND<5.0	ND<10	--	260	
12/29/05	355.97	57.43	0.00	298.54	6.95	--	450	1.6	ND<0.50	ND<0.50	ND<1.0	--	140	
3/15/06	355.97	51.92	0.00	304.05	5.51	--	300	1.4	0.86	ND<0.50	ND<1.0	--	94	
6/28/06	355.97	49.47	0.00	306.50	2.45	--	770	47	2.4	2.2	1.3	--	510	
9/28/06	355.97	53.93	0.00	302.04	-4.46	--	610	13	1.1	0.82	0.66	--	370	
12/11/06	355.97	49.87	0.00	306.10	4.06	--	180	1.2	ND<0.50	ND<0.50	ND<0.50	--	180	
3/19/07	355.97	45.28	0.00	310.69	4.59	--	200	0.92	ND<0.50	ND<0.50	ND<0.50	--	98	
6/15/07	355.97	49.48	0.00	306.49	-4.20	--	170	1.0	ND<0.50	ND<0.50	0.60	--	72	
9/24/07	355.97	54.05	0.00	301.92	-4.57	--	590	1.4	ND<0.50	ND<0.50	ND<0.50	--	330	
12/27/07	355.97	47.98	0.00	307.99	6.07	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	84	
MW-8 (Screen Interval in feet: 66.0-86.0)														
6/26/98	362.37	63.00	0.00	299.37	--	ND	--	6.0	ND	ND	ND	150	--	
8/18/98	362.37	73.38	0.00	288.99	-10.38	--	--	--	--	--	--	--	--	
9/22/98	362.37	70.89	0.00	291.48	2.49	ND	--	ND	ND	ND	ND	9.5	--	
12/15/98	362.37	70.29	0.00	292.08	0.60	ND	--	ND	ND	ND	ND	3.0	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-8 continued														
12/23/98	362.37	70.03	0.00	292.34	0.26	--	--	--	--	--	--	--	--	
3/15/99	362.37	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
3/23/99	361.83	64.86	0.00	296.97	--	ND	--	ND	0.77	ND	0.96	190	--	
6/7/99	361.83	68.30	0.00	293.53	-3.44	ND	--	ND	ND	ND	ND	ND	--	
9/3/99	361.83	73.92	0.00	287.91	-5.62	ND	--	ND	0.57	ND	ND	170	146	
12/6/99	361.83	74.98	0.00	286.85	-1.06	ND	--	ND	ND	ND	ND	150	--	
3/10/00	361.83	71.54	0.00	290.29	3.44	ND	--	ND	ND	ND	ND	150	--	
6/8/00	361.83	72.60	0.00	289.23	-1.06	ND	--	ND	ND	ND	ND	42.8	--	
9/25/00	361.83	75.31	0.00	286.52	-2.71	ND	--	ND	ND	ND	ND	227	--	
12/19/00	361.83	75.54	0.00	286.29	-0.23	ND	--	ND	ND	ND	ND	160	--	
3/5/01	361.83	75.91	0.00	285.92	-0.37	ND	--	ND	ND	ND	ND	125	--	
6/14/01	361.83	75.51	0.00	286.32	0.40	ND	--	ND	ND	ND	ND	140	--	
9/17/01	361.83	77.19	0.00	284.64	-1.68	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	--	
9/25/01	361.83	77.17	0.00	284.66	0.02	--	--	--	--	--	--	--	--	
12/17/01	361.83	79.94	0.00	281.89	-2.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	170	
3/15/02	361.83	76.82	0.00	285.01	3.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	72	--	
6/20/02	361.83	77.73	0.00	284.10	-0.91	--	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	80	
9/27/02	361.83	78.94	0.00	282.89	-1.21	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	94	
12/30/02	361.83	78.21	0.00	283.62	0.73	--	75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
3/26/03	361.83	74.34	0.00	287.49	3.87	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
6/10/03	361.83	75.17	0.00	286.66	-0.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	31	
9/9/03	361.83	74.11	0.00	287.72	1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	150	
12/10/03	361.83	73.59	0.00	288.24	0.52	--	150	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	180	
3/9/04	361.83	70.32	0.00	291.51	3.27	--	130	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	180	

Table 2
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-8 continued														
6/21/04	361.83	70.30	0.00	291.53	0.02	--	150	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
9/8/04	361.83	73.83	0.00	288.00	-3.53	--	300	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	350	
12/14/04	361.83	75.45	0.00	286.38	-1.62	--	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	210	
3/17/05	361.83	67.85	0.00	293.98	7.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	290	
6/15/05	361.83	62.74	0.00	299.09	5.11	--	ND<200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	290	
9/20/05	--	68.11	0.00	--	--	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	Casing elevation modified on 6/22/05
12/29/05	--	62.32	0.00	--	--	--	210	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	390	
3/15/06	--	56.89	0.00	--	--	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	
6/28/06	--	54.53	0.00	--	--	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	550	
9/28/06	--	59.02	0.00	--	--	--	210	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	460	
12/11/06	--	55.02	0.00	--	--	--	260	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	580	
3/19/07	--	51.00	0.00	--	--	--	340	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	480	
6/15/07	--	54.60	0.00	--	--	--	350	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	540	
9/24/07	--	58.59	0.00	--	--	--	420	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	590	
12/27/07	--	53.40	0.00	--	--	--	240	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	510	
MW-9 (Screen Interval in feet: DNA)														
11/29/99	354.85	74.50	0.00	280.35	--	--	--	--	--	--	--	--	--	
12/6/99	354.85	74.35	0.00	280.50	0.15	ND	--	ND	ND	ND	ND	3.0	2.7	
3/10/00	354.85	65.94	0.00	288.91	8.41	ND	--	ND	ND	ND	ND	2.5	--	
6/8/00	354.85	70.77	0.00	284.08	-4.83	ND	--	ND	ND	ND	ND	ND	--	
9/25/00	354.85	74.75	0.00	280.10	-3.98	ND	--	ND	0.516	ND	ND	10.5	--	
12/19/00	354.85	74.43	0.00	280.42	0.32	ND	--	ND	ND	ND	ND	ND	--	
3/5/01	354.85	74.63	0.00	280.22	-0.20	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-9 continued														
6/14/01	354.85	74.75	0.00	280.10	-0.12	ND	--	ND	ND	ND	ND	ND	--	
9/17/01	354.85	74.78	0.00	280.07	-0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
9/25/01	354.85	74.83	0.00	280.02	-0.05	--	--	--	--	--	--	--	--	
12/17/01	354.85	74.80	0.00	280.05	0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	
3/15/02	354.85	74.83	0.00	280.02	-0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
6/20/02	354.85	74.88	0.00	279.97	-0.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.75	
9/27/02	354.85	75.38	0.00	279.47	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
12/30/02	354.85	73.33	0.00	281.52	2.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
3/26/03	354.85	71.21	0.00	283.64	2.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.1	
6/10/03	354.85	71.83	0.00	283.02	-0.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/9/03	362.62	71.85	0.00	290.77	7.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/10/03	362.62	69.50	0.00	293.12	2.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
3/9/04	362.62	65.24	0.00	297.38	4.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
6/21/04	362.62	66.52	0.00	296.10	-1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/8/04	362.62	71.36	0.00	291.26	-4.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/14/04	362.62	71.73	0.00	290.89	-0.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/17/05	362.62	60.42	0.00	302.20	11.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/15/05	362.62	57.63	0.00	304.99	2.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/20/05	362.62	62.99	0.00	299.63	-5.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.55	
12/29/05	362.62	55.38	0.00	307.24	7.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/15/06	362.62	50.12	0.00	312.50	5.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.68	
6/28/06	362.62	47.93	0.00	314.69	2.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/06	362.62	52.33	0.00	310.29	-4.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.1	
12/11/06	362.62	48.26	0.00	314.36	4.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.61	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-9 continued														
3/19/07	362.62	43.68	0.00	318.94	4.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/15/07	362.62	48.35	0.00	314.27	-4.67	--	ND<50	ND<0.50	0.50	ND<0.50	0.74	--	0.59	
9/24/07	362.62	52.52	0.00	310.10	-4.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/27/07	362.62	46.26	0.00	316.36	6.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.56	
MW-10 (Screen Interval in feet: DNA)														
11/29/99	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/6/99	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/10/00	362.62	85.04	0.00	277.58	--	ND	--	ND	ND	ND	ND	130	150	
6/8/00	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/25/00	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/19/00	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/5/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/14/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/17/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/25/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/17/01	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/15/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/20/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
9/27/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/30/02	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/26/03	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
6/10/03	362.62	89.70	0.00	272.92	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	24	
9/9/03	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/10/03	362.62	92.09	0.00	270.53	--	--	--	--	--	--	--	--	--	Insufficient recharge

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-10 continued														
3/9/04	362.62	83.15	0.00	279.47	8.94	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	130	
6/21/04	362.62	86.86	0.00	275.76	-3.71	--	420	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	490	
9/8/04	362.62	--	--	--	--	--	--	--	--	--	--	--	--	
12/14/04	362.62	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/17/05	362.62	77.07	0.00	285.55	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	65	
6/15/05	362.62	74.04	0.00	288.58	3.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	77	
9/20/05	362.62	81.08	0.00	281.54	-7.04	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	210	
12/29/05	362.62	66.31	0.00	296.31	14.77	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	84	
3/15/06	362.62	61.26	0.00	301.36	5.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	91	
6/28/06	362.62	61.88	0.00	300.74	-0.62	--	60	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	140	
9/28/06	362.62	65.76	0.00	296.86	-3.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.77	--	53	
12/11/06	362.62	58.96	0.00	303.66	6.80	--	85	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	83	
3/19/07	362.62	53.02	0.00	309.60	5.94	--	78	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	100	
6/15/07	362.62	62.50	0.00	300.12	-9.48	--	68	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	96	
9/24/07	362.62	65.30	0.00	297.32	-2.80	--	86	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	76	
12/27/07	362.62	55.95	0.00	306.67	9.35	--	63	ND<0.50	1.3	ND<0.50	1.6	--	81	
MW-11 (Screen Interval in feet: DNA)														
9/25/01	354.66	81.24	0.00	273.42	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9.0	--	
12/17/01	354.66	80.47	0.00	274.19	0.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	10	14	
3/15/02	354.66	79.42	0.00	275.24	1.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.6	--	
6/20/02	354.66	80.69	0.00	273.97	-1.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.7	
9/27/02	354.66	81.58	0.00	273.08	-0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
12/30/02	354.66	79.12	0.00	275.54	2.46	--	ND<50	ND<0.50	ND<0.50	2.0	6.1	--	6.9	
3/26/03	354.66	73.70	0.00	280.96	5.42	--	ND<50	0.62	1.7	0.5	2.6	--	9.8	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-11 continued														
6/10/03	354.66	73.06	0.00	281.60	0.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.8	
9/9/03	354.66	74.19	0.00	280.47	-1.13	--	ND<50	ND<0.50	0.66	ND<0.50	ND<1.0	--	4.4	
12/10/03	354.66	70.99	0.00	283.67	3.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.4	
3/9/04	354.66	66.61	0.00	288.05	4.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
6/21/04	354.66	67.63	0.00	287.03	-1.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.89	
9/8/04	354.66	72.69	0.00	281.97	-5.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.0	
12/14/04	354.66	72.69	0.00	281.97	0.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	15	
3/17/05	354.66	61.62	0.00	293.04	11.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
6/15/05	354.66	58.68	0.00	295.98	2.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/20/05	354.66	63.81	0.00	290.85	-5.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/05	354.66	55.96	0.00	298.70	7.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.64	
3/15/06	354.66	50.73	0.00	303.93	5.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/06	354.66	48.54	0.00	306.12	2.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/28/06	354.66	52.78	0.00	301.88	-4.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.55	--	ND<0.50	
12/11/06	354.66	48.64	0.00	306.02	4.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
3/19/07	354.66	44.06	0.00	310.60	4.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/15/07	354.66	48.70	0.00	305.96	-4.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.63	--	ND<0.50	
9/24/07	354.66	52.77	0.00	301.89	-4.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/27/07	354.66	46.51	0.00	308.15	6.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-12 (Screen Interval in feet: DNA)														
9/25/01	354.08	80.78	0.00	273.30	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/17/01	354.08	80.02	0.00	274.06	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	
3/15/02	354.08	78.88	0.00	275.20	1.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
6/20/02	354.08	80.34	0.00	273.74	-1.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.83	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
December 1987 Through December 2007
76 Station 7376

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-12 continued														
9/27/02	354.08	81.50	0.00	272.58	-1.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/30/02	354.08	78.20	0.00	275.88	3.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
3/26/03	354.08	72.80	0.00	281.28	5.40	--	ND<50	0.57	1.6	ND<0.50	2.2	--	ND<2.0	
6/10/03	354.08	72.31	0.00	281.77	0.49	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/9/03	354.08	73.38	0.00	280.70	-1.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/10/03	354.08	70.28	0.00	283.80	3.10	--	ND<50	ND<0.50	0.51	ND<0.50	1.1	--	ND<2.0	
3/9/04	354.08	65.69	0.00	288.39	4.59	--	ND<50	ND<0.50	0.54	ND<0.50	1.4	--	ND<2.0	
6/21/04	354.08	66.90	0.00	287.18	-1.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/8/04	354.08	71.96	0.00	282.12	-5.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/14/04	354.08	71.92	0.00	282.16	0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/17/05	354.08	60.49	0.00	293.59	11.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/15/05	354.08	57.82	0.00	296.26	2.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.1	--	ND<0.50	
9/20/05	354.08	63.02	0.00	291.06	-5.20	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/05	354.08	55.01	0.00	299.07	8.01	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/15/06	354.08	49.92	0.00	304.16	5.09	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/28/06	354.08	47.91	0.00	306.17	2.01	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.56	
9/28/06	354.08	52.05	0.00	302.03	-4.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/11/06	354.08	47.83	0.00	306.25	4.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
3/19/07	354.08	43.32	0.00	310.76	4.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
6/15/07	354.08	48.26	0.00	305.82	-4.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	0.60	--	ND<0.50	
9/24/07	354.08	52.60	0.00	301.48	-4.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
12/27/07	354.08	45.83	0.00	308.25	6.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
 76 Station 7376

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-1								
12/8/87	2100	--	--	--	--	--	--	--
3/1/95	120	--	--	--	--	--	--	--
6/1/95	54	--	--	--	--	--	--	--
9/6/95	690	--	--	--	--	--	--	--
12/12/95	190	--	--	--	--	--	--	--
3/1/96	56	--	--	--	--	--	--	--
6/15/96	ND	--	--	--	--	--	--	--
9/18/96	130	--	--	--	--	--	--	--
12/21/96	ND	--	--	--	--	--	--	--
3/7/97	ND	--	--	--	--	--	--	--
6/27/97	ND	--	--	--	--	--	--	--
9/29/97	ND	--	--	--	--	--	--	--
12/15/97	ND	--	--	--	--	--	--	--
3/16/98	ND	--	--	--	--	--	--	--
6/26/98	ND	--	--	--	--	--	--	--
9/22/98	240	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--
3/15/99	67	--	--	--	--	--	--	--
6/7/99	ND	--	--	--	--	--	--	--
9/3/99	76	ND	ND	ND<2.0	--	ND	ND	ND
12/6/99	ND	--	--	--	--	--	--	--
3/10/00	51	--	--	--	--	--	--	--
6/8/00	68.2	--	--	--	--	--	--	--
9/25/00	ND	--	--	--	--	--	--	--
12/19/00	ND	--	--	--	--	--	--	--
3/5/01	505	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7376

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1 continued								
6/14/01	71	--	--	--	--	--	--	--
9/17/01	ND<50	--	--	--	--	--	--	--
12/17/01	ND<53	ND<40	ND<1000	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0
3/15/02	ND<52	--	--	--	--	--	--	--
6/20/02	ND<50	--	--	--	--	--	--	--
9/27/02	ND<100	--	--	--	--	--	--	--
12/30/02	52	ND<400	ND<2000	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0
3/26/03	120	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40
6/10/03	ND<50	ND<4000	ND<20000	ND<80	ND<80	ND<80	ND<80	ND<80
9/9/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
3/9/04	ND<50	--	--	--	--	--	--	--
6/21/04	ND<50	--	--	--	--	--	--	--
9/8/04	ND<50	--	--	--	--	--	--	--
12/14/04	ND<50	--	--	--	--	--	--	--
3/17/05	ND<50	--	--	--	--	--	--	--
6/15/05	ND<50	--	--	--	--	--	--	--
9/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
3/15/06	ND<200	--	--	--	--	--	--	--
6/28/06	ND<200	--	--	--	--	--	--	--
9/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	ND<50	--	--	--	--	--	--	--
3/19/07	170	--	--	--	--	--	--	--
6/15/07	53	--	--	--	--	--	--	--
9/24/07	76	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7376

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1 continued								
12/27/07	53	--	--	--	--	--	--	--
MW-2								
12/8/87	620	--	--	--	--	--	--	--
MW-2B								
3/1/95	320	--	--	--	--	--	--	--
6/1/95	280	--	--	--	--	--	--	--
9/6/95	ND	--	--	--	--	--	--	--
12/12/95	850	--	--	--	--	--	--	--
3/1/96	870	--	--	--	--	--	--	--
6/15/96	420	--	--	--	--	--	--	--
9/18/96	600	--	--	--	--	--	--	--
12/21/96	470	--	--	--	--	--	--	--
3/7/97	870	--	--	--	--	--	--	--
6/27/97	680	--	--	--	--	--	--	--
9/29/97	430	--	--	--	--	--	--	--
12/15/97	490	--	--	--	--	--	--	--
3/16/98	4000	--	--	--	--	--	--	--
6/26/98	790	--	--	--	--	--	--	--
9/22/98	930	--	--	--	--	--	--	--
12/15/98	600	--	--	--	--	--	--	--
3/15/99	390	3800	ND	--	--	13	ND	ND
6/7/99	770	--	--	--	--	--	--	--
9/3/99	870	3480	ND	--	--	ND	ND	ND
12/6/99	850	--	--	--	--	--	--	--
3/10/00	1500	--	--	--	--	--	--	--
9/25/00	2900	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7376

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-2B continued								
12/19/00	700	--	--	--	--	--	--	--
6/14/01	570	--	--	--	--	--	--	--
6/10/03	280	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200
6/21/04	260	--	--	--	--	--	--	--
3/17/05	280	--	--	--	--	--	--	--
6/15/05	560	--	--	--	--	--	--	--
9/20/05	340	--	--	--	--	--	--	--
3/15/06	7200	--	--	--	--	--	--	--
6/28/06	32000	--	--	--	--	--	--	--
9/28/06	2300	--	--	--	--	--	--	--
12/11/06	61000	--	--	--	--	--	--	--
3/19/07	30000	--	--	--	--	--	--	--
6/15/07	21000	--	--	--	--	--	--	--
12/27/07	18000	--	--	--	--	--	--	--
MW-3								
12/8/87	2300	--	--	--	--	--	--	--
3/1/95	140	--	--	--	--	--	--	--
6/1/95	140	--	--	--	--	--	--	--
9/6/95	880	--	--	--	--	--	--	--
12/12/95	3100	--	--	--	--	--	--	--
3/1/96	1500	--	--	--	--	--	--	--
6/15/96	400	--	--	--	--	--	--	--
9/18/96	170	--	--	--	--	--	--	--
12/21/96	64	--	--	--	--	--	--	--
3/7/97	570	--	--	--	--	--	--	--
6/27/97	ND	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7376

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-3 continued								
9/29/97	ND	--	--	--	--	--	--	--
12/15/97	ND	--	--	--	--	--	--	--
3/16/98	670	--	--	--	--	--	--	--
6/26/98	63	--	--	--	--	--	--	--
9/22/98	95	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--
3/15/99	3500	--	--	--	--	--	--	--
6/7/99	ND	--	--	--	--	--	--	--
9/3/99	2900	ND	ND	--	--	ND	ND	ND
12/6/99	4200	--	--	--	--	--	--	--
3/10/00	2500	--	--	--	--	--	--	--
6/8/00	489	--	--	--	--	--	--	--
9/25/00	4380	--	--	--	--	--	--	--
12/19/00	5600	--	--	--	--	--	--	--
3/5/01	3790	--	--	--	--	--	--	--
6/14/01	1300	--	--	--	--	--	--	--
9/17/01	290	--	--	--	--	--	--	--
12/17/01	700	26	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
3/15/02	3600	--	--	--	--	--	--	--
6/20/02	1300	--	--	--	--	--	--	--
9/27/02	ND<100	--	--	--	--	--	--	--
12/30/02	1800	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20
3/26/03	2600	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20
6/10/03	350	ND<100	ND<500	ND<2.0	5.3	ND<2.0	ND<2.0	ND<2.0
9/9/03	270	--	--	--	--	--	--	--
12/10/03	800	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7376

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-3 continued								
3/9/04	1100	--	--	--	--	--	--	--
6/21/04	210	--	--	--	--	--	--	--
9/8/04	130	--	--	--	--	--	--	--
12/14/04	800	--	--	--	--	--	--	--
3/17/05	2400	--	--	--	--	--	--	--
6/15/05	410	--	--	--	--	--	--	--
9/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	1400	--	--	--	--	--	--	--
3/15/06	520	--	--	--	--	--	--	--
6/28/06	920	--	--	--	--	--	--	--
9/28/06	190	--	--	--	--	--	--	--
12/11/06	520	--	--	--	--	--	--	--
3/19/07	660	--	--	--	--	--	--	--
6/15/07	1100	--	--	--	--	--	--	--
9/24/07	770	--	--	--	--	--	--	--
12/27/07	340	--	--	--	--	--	--	--
MW-4								
9/18/96	200	--	--	--	--	--	--	--
12/21/96	ND	--	--	--	--	--	--	--
3/7/97	ND	--	--	--	--	--	--	--
6/27/97	ND	--	--	--	--	--	--	--
9/29/97	ND	--	--	--	--	--	--	--
12/15/97	ND	--	--	--	--	--	--	--
3/16/98	ND	--	--	--	--	--	--	--
6/26/98	630	--	--	--	--	--	--	--
9/22/98	74	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7376

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-4 continued								
12/15/98	ND	--	--	--	--	--	--	--
3/15/99	ND	--	--	--	--	--	--	--
6/7/99	ND	--	--	--	--	--	--	--
9/3/99	66	ND	ND	--	--	ND	ND	ND
12/6/99	95	--	--	--	--	--	--	--
3/10/00	ND	--	--	--	--	--	--	--
6/8/00	72.8	--	--	--	--	--	--	--
6/10/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
9/9/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
3/9/04	56	--	--	--	--	--	--	--
6/21/04	59	--	--	--	--	--	--	--
9/8/04	ND<50	--	--	--	--	--	--	--
12/14/04	ND<50	--	--	--	--	--	--	--
3/17/05	ND<50	--	--	--	--	--	--	--
6/15/05	ND<50	--	--	--	--	--	--	--
9/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
3/15/06	ND<200	--	--	--	--	--	--	--
6/28/06	ND<200	--	--	--	--	--	--	--
9/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	ND<50	--	--	--	--	--	--	--
3/19/07	66	--	--	--	--	--	--	--
6/15/07	ND<50	--	--	--	--	--	--	--
9/24/07	ND<50	--	--	--	--	--	--	--
12/27/07	ND<50	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7376

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-5								
9/18/96	4700	--	--	--	--	--	--	--
12/21/96	4700	--	--	--	--	--	--	--
3/7/97	2100	--	--	--	--	--	--	--
6/26/98	230000	--	--	--	--	--	--	--
6/7/99	4700000	ND	ND	--	--	ND	ND	ND
3/9/04	110000	--	--	--	--	--	--	--
6/21/04	190000	--	--	--	--	--	--	--
3/19/07	84000	--	--	--	--	--	--	--
6/15/07	29000	--	--	--	--	--	--	--
9/24/07	33000	--	--	--	--	--	--	--
12/27/07	23000	--	--	--	--	--	--	--
MW-6								
9/18/96	ND	--	--	--	--	--	--	--
12/21/96	ND	--	--	--	--	--	--	--
3/7/97	190	--	--	--	--	--	--	--
6/27/97	73	--	--	--	--	--	--	--
9/29/97	ND	--	--	--	--	--	--	--
12/15/97	ND	--	--	--	--	--	--	--
3/16/98	100	--	--	--	--	--	--	--
6/26/98	180	--	--	--	--	--	--	--
1/23/99	ND	--	--	--	--	--	--	--
3/15/99	71	--	--	--	--	--	--	--
6/7/99	160	--	--	--	--	--	--	--
3/10/00	ND	--	--	--	--	--	--	--
3/9/04	110	--	--	--	--	--	--	--
3/17/05	150	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
 76 Station 7376

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-6 continued								
6/15/05	120	--	--	--	--	--	--	--
9/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
3/15/06	ND<200	--	--	--	--	--	--	--
6/28/06	ND<200	--	--	--	--	--	--	--
9/28/06	85	--	--	--	--	--	--	--
12/11/06	81	--	--	--	--	--	--	--
3/19/07	90	--	--	--	--	--	--	--
6/15/07	310	--	--	--	--	--	--	--
9/24/07	130	--	--	--	--	--	--	--
12/27/07	73	--	--	--	--	--	--	--
MW-7								
8/18/98	1400	--	--	--	--	--	--	--
9/22/98	780	--	--	--	--	--	--	--
12/15/98	350	--	--	--	--	--	--	--
3/15/99	460	610	ND	--	--	4.3	ND	ND
6/7/99	550	--	--	--	--	--	--	--
9/3/99	550	460	ND	--	--	4.36	ND	ND
12/6/99	220	--	--	--	--	--	--	--
3/10/00	930	--	--	--	--	--	--	--
6/8/00	463	--	--	--	--	--	--	--
9/25/00	1810	--	--	--	--	--	--	--
12/19/00	930	--	--	--	--	--	--	--
3/5/01	801	--	--	--	--	--	--	--
6/14/01	710	--	--	--	--	--	--	--
9/17/01	860	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7376

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-7 continued								
12/17/01	470	ND<200	ND<5000	ND<10	ND<10	ND<10	ND<10	ND<10
3/15/02	830	--	--	--	--	--	--	--
6/20/02	710	--	--	--	--	--	--	--
9/27/02	300	--	--	--	--	--	--	--
12/30/02	220	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10
3/26/03	560	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40
6/10/03	610	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20
9/9/03	430	--	--	--	--	--	--	--
12/10/03	450	--	--	--	--	--	--	--
3/9/04	640	--	--	--	--	--	--	--
6/21/04	630	--	--	--	--	--	--	--
9/8/04	270	--	--	--	--	--	--	--
12/14/04	160	--	--	--	--	--	--	--
3/17/05	380	--	--	--	--	--	--	--
6/15/05	630	--	--	--	--	--	--	--
9/20/05	280	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
3/15/06	ND<200	--	--	--	--	--	--	--
6/28/06	260	--	--	--	--	--	--	--
9/28/06	140	--	--	--	--	--	--	--
12/11/06	99	--	--	--	--	--	--	--
3/19/07	140	--	--	--	--	--	--	--
6/15/07	78	--	--	--	--	--	--	--
9/24/07	140	--	--	--	--	--	--	--
12/27/07	71	--	--	--	--	--	--	--

MW-8

7376

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7376

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-8 continued								
6/26/98	80	--	--	--	--	--	--	--
9/22/98	120	--	--	--	--	--	--	--
12/15/98	ND	--	--	--	--	--	--	--
3/23/99	60	--	--	--	--	--	--	--
6/7/99	ND	--	--	--	--	--	--	--
9/3/99	130	ND	ND	--	--	12.4	ND	ND
12/6/99	160	--	--	--	--	--	--	--
3/10/00	61	--	--	--	--	--	--	--
6/8/00	135	--	--	--	--	--	--	--
9/25/00	518	--	--	--	--	--	--	--
12/19/00	100	--	--	--	--	--	--	--
3/5/01	161	--	--	--	--	--	--	--
6/14/01	94	--	--	--	--	--	--	--
9/17/01	60	--	--	--	--	--	--	--
12/17/01	ND<52	77	ND<500	ND<1.0	ND<1.0	9.8	ND<1.0	ND<1.0
3/15/02	69	--	--	--	--	--	--	--
6/20/02	ND<50	--	--	--	--	--	--	--
9/27/02	130	--	--	--	--	--	--	--
12/30/02	76	ND<100	ND<500	ND<2.0	ND<2.0	7.1	ND<2.0	ND<2.0
3/26/03	120	ND<100	ND<500	ND<2.0	ND<2.0	7.1	ND<2.0	ND<2.0
6/10/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
9/9/03	58	--	--	--	--	--	--	--
12/10/03	86	--	--	--	--	--	--	--
3/9/04	92	--	--	--	--	--	--	--
6/21/04	87	--	--	--	--	--	--	--
9/8/04	ND<50	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7376

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-8 continued								
12/14/04	ND<50	--	--	--	--	--	--	--
3/17/05	56	--	--	--	--	--	--	--
6/15/05	53	--	--	--	--	--	--	--
9/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
3/15/06	ND<200	--	--	--	--	--	--	--
6/28/06	ND<200	--	--	--	--	--	--	--
9/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	ND<50	--	--	--	--	--	--	--
3/19/07	60	--	--	--	--	--	--	--
6/15/07	58	--	--	--	--	--	--	--
9/24/07	53	--	--	--	--	--	--	--
12/27/07	72	--	--	--	--	--	--	--
MW-9								
12/6/99	ND	ND	--	ND	ND	ND	ND	ND
3/10/00	150	--	--	--	--	--	--	--
6/8/00	67.8	--	--	--	--	--	--	--
9/25/00	903	--	--	--	--	--	--	--
12/19/00	ND	--	--	--	--	--	--	--
3/5/01	96.5	--	--	--	--	--	--	--
6/14/01	ND	--	--	--	--	--	--	--
9/17/01	ND<50	--	--	--	--	--	--	--
12/17/01	ND<52	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
3/15/02	ND<51	--	--	--	--	--	--	--
6/20/02	ND<50	--	--	--	--	--	--	--
9/27/02	ND<110	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
 76 Station 7376

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-9 continued								
12/30/02	59	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
3/26/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
6/10/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
9/9/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
3/9/04	ND<50	--	--	--	--	--	--	--
6/21/04	ND<50	--	--	--	--	--	--	--
9/8/04	ND<50	--	--	--	--	--	--	--
12/14/04	ND<50	--	--	--	--	--	--	--
3/17/05	ND<50	--	--	--	--	--	--	--
6/15/05	ND<50	--	--	--	--	--	--	--
9/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
3/15/06	ND<200	--	--	--	--	--	--	--
6/28/06	ND<200	--	--	--	--	--	--	--
9/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	ND<50	--	--	--	--	--	--	--
3/19/07	ND<50	--	--	--	--	--	--	--
6/15/07	52	--	--	--	--	--	--	--
9/24/07	ND<50	--	--	--	--	--	--	--
12/27/07	ND<50	--	--	--	--	--	--	--
MW-10								
3/10/00	78	ND	--	ND	22	ND	ND	ND
6/10/03	65	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
3/9/04	140	--	--	--	--	--	--	--
6/21/04	ND<50	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 7376

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-10 continued								
3/17/05	ND<50	--	--	--	--	--	--	--
6/15/05	71	--	--	--	--	--	--	--
9/20/05	ND<200	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
3/15/06	ND<200	--	--	--	--	--	--	--
6/28/06	ND<200	--	--	--	--	--	--	--
9/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	92	--	--	--	--	--	--	--
3/19/07	190	--	--	--	--	--	--	--
6/15/07	120	--	--	--	--	--	--	--
9/24/07	130	--	--	--	--	--	--	--
12/27/07	59	--	--	--	--	--	--	--
MW-11								
9/25/01	ND<50	--	--	--	--	--	--	--
12/17/01	110	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
3/15/02	140	--	--	--	--	--	--	--
6/20/02	ND<60	--	--	--	--	--	--	--
9/27/02	ND<110	--	--	--	--	--	--	--
12/30/02	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
3/26/03	54	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
6/10/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
9/9/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
3/9/04	ND<50	--	--	--	--	--	--	--
6/21/04	ND<50	--	--	--	--	--	--	--
9/8/04	ND<50	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
 76 Station 7376

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
MW-11 continued								
12/14/04	ND<50	--	--	--	--	--	--	--
3/17/05	85	--	--	--	--	--	--	--
6/15/05	170	--	--	--	--	--	--	--
9/20/05	210	--	--	--	--	--	--	--
12/29/05	ND<200	--	--	--	--	--	--	--
3/15/06	ND<200	--	--	--	--	--	--	--
6/28/06	ND<200	--	--	--	--	--	--	--
9/28/06	51	--	--	--	--	--	--	--
12/11/06	74	--	--	--	--	--	--	--
3/19/07	63	--	--	--	--	--	--	--
6/15/07	70	--	--	--	--	--	--	--
9/24/07	78	--	--	--	--	--	--	--
12/27/07	ND<50	--	--	--	--	--	--	--
MW-12								
9/25/01	ND<50	--	--	--	--	--	--	--
12/17/01	77	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
3/15/02	ND<51	--	--	--	--	--	--	--
6/20/02	ND<58	--	--	--	--	--	--	--
9/27/02	ND<100	--	--	--	--	--	--	--
12/30/02	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
3/26/03	ND<50	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
6/10/03	ND<50	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
9/9/03	ND<50	--	--	--	--	--	--	--
12/10/03	ND<50	--	--	--	--	--	--	--
3/9/04	220	--	--	--	--	--	--	--
6/21/04	180	--	--	--	--	--	--	--

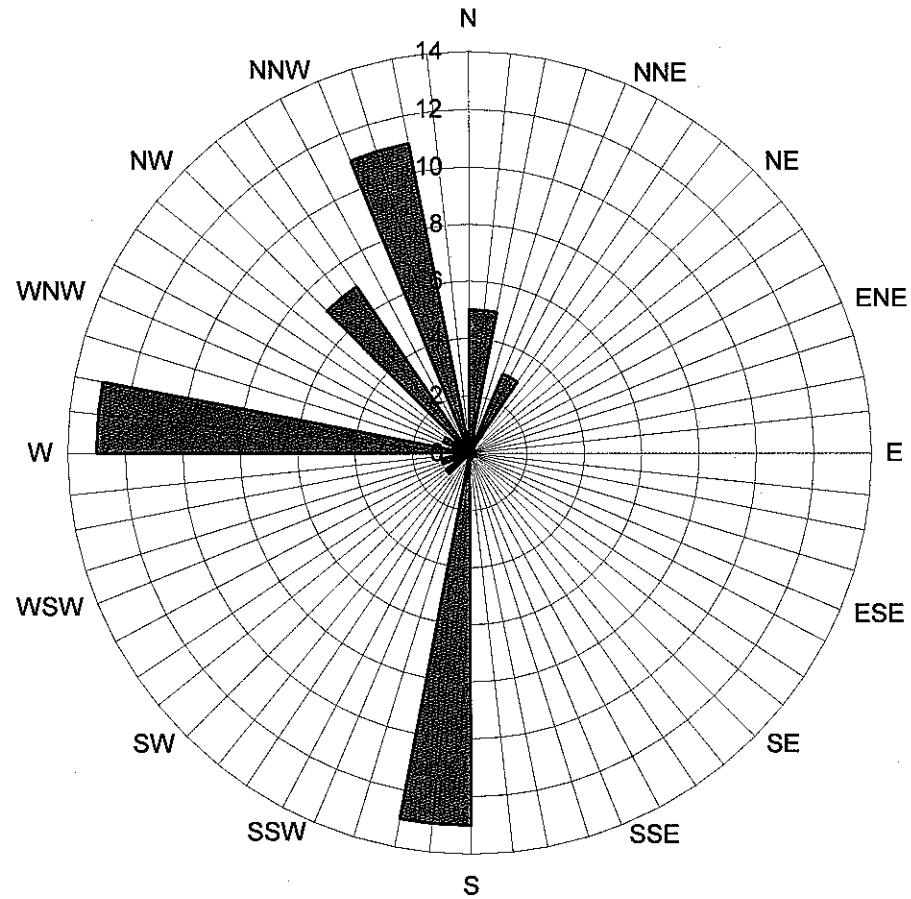
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
 76 Station 7376

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-12 continued								
9/8/04	ND<50	--	--	--	--	--	--	--
12/14/04	ND<50	--	--	--	--	--	--	--
3/17/05	350	--	--	--	--	--	--	--
6/15/05	330	--	--	--	--	--	--	--
9/20/05	250	--	--	--	--	--	--	--
12/29/05	320	--	--	--	--	--	--	--
3/15/06	240	--	--	--	--	--	--	--
6/28/06	210	--	--	--	--	--	--	--
9/28/06	ND<50	--	--	--	--	--	--	--
12/11/06	120	--	--	--	--	--	--	--
3/19/07	99	--	--	--	--	--	--	--
6/15/07	66	--	--	--	--	--	--	--
9/24/07	71	--	--	--	--	--	--	--
12/27/07	ND<50	--	--	--	--	--	--	--

APPENDIX B

Rose Diagram of Historic Groundwater Flow Directions

Rose Diagram
Historic Groundwater Flow Directions
ConocoPhillips Site No. 7376
 4191 First Street
 Pleasanton, California



■ Groundwater Flow Direction

Legend
 Concentric circles represent
 quarterly monitoring events
 First Quarter 1999 through
 Fourth
 Quarter 2007
 55 data points shown

APPENDIX C

Drilling Permit



ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 245-9308
E-MAIL whong@zone7water.com

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 76 Station #7370, located
at 4191 First St, Pleasanton, CA, and former
railroad right-of-way NW & W of station

PERMIT NUMBER 28014
WELL NUMBER _____
APN _____

California Coordinates Source _____ ft. Accuracy: _____ ft.
CCN _____ ft. CCE _____ ft.
APN right of way: 094-0110-046, 094-0110-048, 094-0106-011,
094-0103-01-03, 094-0102-006-01, & 094-0157-014-03
CLIENT _____
Name Conoco Phillips (Bill Borgh)
Address 76 Broadway Phone (916) 598-7612
City Sacramento, CA Zip 95818

PERMIT CONDITIONS

(Circled Permit Requirements Apply)

APPLICANT
Name Delta Consultants (Daniel J. Davis)
Email d.davis@deltaenv.com Fax (916) 638-8385
Address 3164 Gold Camp Dr. Ste. 200 Phone (916) 503-1260
City Rancho Cordova, CA Zip 95670

- A. GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
 2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
 3. Permit is void if project not begun within 90 days of approval date.

TYPE OF PROJECT:
Well Construction .. Geotechnical Investigation ..
Well Destruction .. Contamination Investigation ..
Cathodic Protection .. Other _____ ..

- B. WATER SUPPLY WELLS
1. Minimum surface seal diameter is four inches greater than the well casing diameter.
 2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
 3. Grout placed by tremie.
 4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
 5. A sample port is required on the discharge pipe near the wellhead.

PROPOSED WELL USE:
Domestic .. Irrigation ..
Municipal .. Remediation ..
Industrial .. Groundwater Monitoring ..
Dewatering .. Other _____ ..

- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
 2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
 3. Grout placed by tremie.

DRILLING METHOD:
Mud Rotary .. Air Rotary .. Hollow Stem Auger ..
Cable Tool .. Direct Push .. Other CPT ..

- D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

DRILLING COMPANY Gregg Drilling & Testing, Inc.

- E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

DRILLER'S LICENSE NO. C57#485165

- F. WELL DESTRUCTION. See attached.

WELL SPECIFICATIONS:
Drill Hole Diameter _____ in. Maximum _____ ft.
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

- G. SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after completion of permitted work the well installation report including all soil and water laboratory analysis results.

SOIL BORINGS:
Number of Borings 7 Maximum _____ ft.
Hole Diameter 1.75 in. Depth 90 ft.

ESTIMATED STARTING DATE 2/12/08
ESTIMATED COMPLETION DATE 2/26/08

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

Approved Wyman Hong Date 2/7/08
Wyman Hong

APPLICANT'S SIGNATURE Daniel J. Davis Date 2-1-08

Daniel J. Davis
ATTACH SITE PLAN OR SKETCH

APPENDIX D

Boring Logs

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **~75'**

Static Water Depth: **Not recorded due to faulty sounder**

Client: **ConocoPhillips**

Location: **4191 First Street**

Pleasanton, California

Hole Diameter: **1.75"**

Sample Hole Depth: **77'**

CPT Log Hole Depth: **90'**

Boring No: **CP-1**

Date Drilled: **2/18/08**

Page **1** of **5**

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values
- * = saturated due to free product
- ** = PID reading at upper limit

		Elevation			Northing		Easting		
Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery Analyzed	Soil Type	LITHOLOGY / DESCRIPTION	
Concrete								Asphalt = 3.5" Rock base = 7" Thin layer of hard, compacted fines, dry.	
		dry		Air-Knifed	1				
		damp	4626		2				
		damp	37.5 ↑		3				Sandy lean clay with gravel; dark brown CL with tan mottling; medium plasticity, low toughness, medium soft; 50% subrounded to subangular fine sand to fine gravel, well sorted; trace roots; damp; no odor (20,30,50).
					4				
					5				CL Same as above; orange brown; 35% sand, subangular; 15% gravel (15,35,50).
		damp	**		6				
					7				
					8				
					9			No recovery from 9-9.5 feet	
					10			GM Silty gravel with sand; dark brown; subrounded to angular fine sand to fine gravel, well graded, loose; 15% fines; damp; some odor (45,40,15).	
					11				
					12				
					13				
		sat*	3294	CP-1@ 14.5-15' 11:55	14			Black free product visible as liquid at 14 feet SC Clayey sand; gray-brown but appearing black from free product present; subangular to angular fine to coarse sand, 2% angular fine gravel, moderately sorted, loose to medium dense; 15% clay; saturated due to free product (liquid has oily sheen); extremely strong odor (2,83,15).	
					15				
					16				
					17				
					18				
		damp	1997	CP-1@ 19.5-20' 12:00	19			SC Same as above; medium brown; no free product present; damp.	
					20				
					21				
					22				

Neat Cement

Delta Consultants

Project No: **C107376002**
 Logged By: **Lisa Stelzner**
 Driller: **Gregg Drilling**
 Drilling Method: **CPT**
 Sampling Method: **Piston Type**
 First Water Depth: **~75'**
 Static Water Depth: **Not recorded due to faulty sounder**

Client: **ConocoPhillips**
 Location: **4191 First Street
 Pleasanton, California**
 Hole Diameter: **1.75"**
 Sample Hole Depth: **77'**
 CPT Log Hole Depth: **90'**

Boring No: **CP-1**
 Date Drilled: **2/18/08**
 Page 2 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation Northing Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement		wet	614	CP-1@ 24.5-25' 12:10	23				
					24				Free product sheen on soil at 24.25 feet
					25				SC Same as above; brown-gray; 40% clay, low plasticity, low toughness; 5% gravel; wet (5,55,40).
					26				
					27				
					28				
					29				Free product sheen on soil at 29 feet
					30				CL Lean clay ; brown-gray; medium plasticity, low toughness, medium soft; 10% fine sand with trace medium to coarse sand, angular, poorly graded; moist to wet; extremely strong odor (0,10,90).
					31				
					32				
					33				
					34				
					35				SC Clayey sand with gravel ; medium brown; sub-angular to angular fine sand to fine gravel, well graded, medium dense; 15% clay; damp; extremely strong odor (30,55,15).
					36				
					37				
					38				Same as above; dark gray; angular to subangular fine to coarse sand; some fines; saturated.
39				CH Fat clay ; medium brown; high toughness, high plasticity, stiff; 5% angular fine to coarse sand, 2% angular fine gravel, moderate gradation; moist; extremely strong odor (2,5,93).					
40									
41									
42									
43									
44				CH Same as above; saturated.					
		sat moist	1539	CP-1@ 39.5-40' 12:42					
		sat damp	407						

Delta Consultants

Project No: **C107376002**
 Logged By: **Lisa Stelzner**
 Driller: **Gregg Drilling**
 Drilling Method: **CPT**
 Sampling Method: **Piston Type**
 First Water Depth: **~75'**
 Static Water Depth: **Not recorded due to faulty sounder**

Client: **ConocoPhillips**
 Location: **4191 First Street**
Pleasanton, California
 Hole Diameter: **1.75"**
 Sample Hole Depth: **77'**
 CPT Log Hole Depth: **90'**

Boring No: **CP-1**
 Date Drilled: **2/18/08**
 Page **5** of **5**

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation Northing Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Backfill					89				
					90				
					91				Total depth of CPT log hole = 90' bgs
					92				
					93				
					94				
					95				
					96				
					97				
					98				
					99				
					100				
					101				
					102				
					103				
					104				
					105				
					106				
					107				
					108				
					109				
					110				

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **94.7'**

Static Water Depth: **88'**

Client: **ConocoPhillips**

Location: **4191 First Street**

Pleasanton, California

Hole Diameter: **1.75"**

Sample Hole Depth: **100'**

CPT Log Hole Depth: **90'**

Boring No: **CP-2**

Date Drilled: **2/19/08**

Page **1** of **5**

- ▽ = First Water
- ▼ = Static Groundwater
- ⊗ = Screen for water sample
- ↑ = slowly increasing values

** = PID reading at upper limit

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Concrete					0				Asphalt = 4" Rock base = 1'
Neat Cement		damp	**	Air-Knifed	1				
		damp	**		2				Lean clay with gravel ; dark brown; medium plasticity and toughness, soft; 15% subrounded to subangular fine gravel, 4% fine sand, gap gradation; damp; no odor (15,4,81). Subrounded coarse gravel layer from 3.5-3.8'.
		damp	**		3				CL Same as above; 20% gravel; cemented chunks of clay present (20,4,76).
		damp	**		4				
		damp	**		5				ML Silt ; medium brown; very low plasticity, low toughness, some clay, soft; 15% subrounded fine gravel, 10% subrounded to subangular fine to coarse sand, well graded; trace roots; damp; no odor (15,10,75).
		damp	1646	CP-2 @ 9.5-10' 10:35	6				
		damp			7				
		damp			8				
		damp			9				CH Fat clay with sand ; orange-brown; high toughness, medium plasticity, very hard, moderate to strong cementation; 20% subangular to angular fine to coarse sand, well graded; slightly damp; some odor (0,20,80).
		damp			10				
		damp			11				
		damp			12				
		damp			13				
		damp	3133	CP-2 @ 14.5-15' 10:40	14				CH Fat clay ; medium brown; high toughness, medium plasticity, very hard, moderate cementation; 10% subangular to angular fine to coarse sand, well graded; slightly damp; some odor (0,10,90).
		damp			15				
		damp			16				
		damp			17				
		damp			18				
		damp	207	CP-2 @ 19.5-20' 10:45	19				CH Same as above; medium toughness, high plasticity; 4% fine sand to fine gravel, subrounded to subangular (1,3,96).
		damp			20				
		damp			21				
		damp			22				

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **94.7'**

Static Water Depth: **88'**

Client: **ConocoPhillips**

Location: **4191 First Street**

Pleasanton, California

Hole Diameter: **1.75"**

Sample Hole Depth: **100'**

CPT Log Hole Depth: **90'**

Boring No: **CP-2**

Date Drilled: **2/19/08**

Page 2 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION				
Neat Cement					23								
					24								
					25							SC Clayey sand ; medium brown; fine sand to fine gravel, subrounded to subangular, loose, well graded; 30% clay, non-plastic due to sand; damp; some odor (3,67,30).	
					26								
					27								
					28								
					29								
					30								SC Same as above; subangular to angular; 20% clay. (7,73,20).
					31								
					32								
					33								
					34								
					35								SC Clayey sand with gravel ; medium brown; fine sand to fine gravel, subangular to angular, loose, well graded; 20% clay, non-plastic due to sand; moist; some odor (30,50,20).
					36								
					37								
					38								
					39								
					40								SC Same as above; subrounded to subangular gravel; 30% clay, medium plasticity, medium toughness (30,40,30).
					41								
					42								
43													
44													
		damp	271	CP-2 @ 24.5-25' 10:53									
		damp	201	CP-2 @ 29.5-30' 11:00									
		moist	143	CP-2 @ 34.5-35' 11:10									
		moist	131	CP-2 @ 39.5-40' 11:20									
		damp	285										

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **94.7'**

Static Water Depth: **88'**

Client: **ConocoPhillips**

Location: **4191 First Street**

Pleasanton, California

Hole Diameter: **1.75"**

Sample Hole Depth: **100'**

CPT Log Hole Depth: **90'**

Boring No: **CP-2**

Date Drilled: **2/19/08**

Page 3 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample		Soil Type	LITHOLOGY / DESCRIPTION
						Recovery	Analyzed		
Neat Cement		damp	170	CP-2 @ 44.5-45' 13:28	45				CL Lean clay ; medium brown; medium plasticity, low toughness, soft; some silt present; trace fine angular sand; damp; some odor (0,2,98).
					46				
					47				
					48				
					49				
					50				
					51				
					52				
					53				
					54				
					55				
					56				
					57				
					58				
					59				
					60				
		damp	83.5	CP-2 @ 49.5-50' 13:43	61			CH Fat clay ; brown with cream, orange, and dark brown mottling; high toughness, high plasticity, very stiff; moist; some odor (0,0,100).	
62									
63									
64									
65									
66									
		moist	27.8↑		67				CH Fat clay with sand ; medium brown; medium plasticity, medium toughness, stiff; 22% fine sand to fine gravel, subrounded to subangular, well graded; moist; slight odor (7,15,78).
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									
81									
82									
		moist	36.3↑	83			CH Fat clay with sand ; medium brown; medium plasticity, medium toughness, stiff; 22% fine sand to fine gravel, subrounded to subangular, well graded; moist; slight odor (7,15,78).		
84									
85									
86									
87									
88									
89									
90									
91									
92									
93									
94									
95									
96									
97									
98									
99									
100									

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **94.7'**

Static Water Depth: **88'**

Client: **ConocoPhillips**

Location: **4191 First Street**

Pleasanton, California

Hole Diameter: **1.75"**

Sample Hole Depth: **100'**

CPT Log Hole Depth: **90'**

Boring No: **CP-2**

Date Drilled: **2/19/08**

Page 4 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement	▼ 88'	moist	13.7 ↑		67				
					68				
					69	■		CH Same as above; medium soft; 15% fine to coarse sand; no gravel; some moderately cemented chunks of clay; damp (0,15,85).	
					70	■			
					71				
					72				
					73				
					74	■		CH Sandy fat clay ; orange brown; medium toughness; low plasticity (from sand); medium soft; 50% subangular to angular fine sand to fine gravel; well graded; wet; some odor (10,40,50).	
					75	■			
					76				
		77							
		78							
		79							
		80							
		81							
		82							
		83							
		84							
		85							
		86							
87									
88									

2/20/08

7:30

▼

88'

Delta Consultants

Project No: **C107376002**
 Logged By: **Lisa Stelzner**
 Driller: **Gregg Drilling**
 Drilling Method: **CPT**
 Sampling Method: **Piston Type**
 First Water Depth: **94.7'**
 Static Water Depth: **88'**

Client: **ConocoPhillips**
 Location: **4191 First Street**
Pleasanton, California
 Hole Diameter: **1.75"**
 Sample Hole Depth: **100'**
 CPT Log Hole Depth: **90'**

Boring No: **CP-2**
 Date Drilled: **2/19/08**
 Page 5 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Backfill					89			
					90			
					91			Total depth of CPT log hole = 90'
					92			
					93			
					94			
					95			
					96			
					97			
					98			
					99			
					100			Total depth of sampling hole = 100' bgs
					101			
					102			
					103			
					104			
					105			
					106			
					107			
					108			
					109			
					110			

Neat Cement

▽
 94.7'
 2/19/08
 5:23

CP-2D
 2/20/08
 7:30

Total depth of CPT log hole = 90'

Total depth of sampling hole = 100' bgs

Delta Consultants

Project No: **C107376002**
 Logged By: **Lisa Stelzner**
 Driller: **Gregg Drilling**
 Drilling Method: **CPT**
 Sampling Method: **Piston Type**
 First Water Depth: **~92'**
 Static Water Depth: **Not measured**

Client: **ConocoPhillips**
 Location: **Former RR ROW**
North of Ray St., Pleasanton, CA
 Hole Diameter: **1.75"**
 Sample Hole Depth: **93'**
 CPT Log Hole Depth: **97'**

Boring No: **CP-3**
 Date Drilled: **2/20/08**
 Page 1 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

** = PID reading at upper limit

		Elevation			Northing			Easting	
Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Soil					1				
Neat Cement		moist	0.0	Air-Knifed	2				
		damp	0.0		3				CL Lean clay ; medium brown; medium plasticity, low toughness, soft; 7% fine to coarse subangular sand, 3% subrounded to subangular fine gravel, well graded; moist; no odor (3,7,90).
					4				
		damp	**		5				CL Lean clay with sand ; medium brown; medium plasticity, low toughness, soft with many angular compacted pieces; angular to subangular fine to coarse sand, well graded; damp; no odor (0,35,65).
					6				
		damp	**		7				
					8				
					9				CH Fat clay ; medium brown; high plasticity; high toughness; very stiff; trace fine to coarse sand; subangular; moderately graded; damp; slight odor (0,3,97).
					10				
					11				
					12				
					13				
		damp	1980		14				CH Sandy fat clay ; medium brown; medium toughness, medium plasticity, soft; 40% angular fine to coarse sand, 5% subangular to subrounded fine gravel, well graded; damp; slight odor (5,40,55).
					15				
					16				
					17				
					18				
		damp	1038		19				SW- Well graded sand with silt ; medium brown;
					20				SM subangular to angular fine sand to fine gravel, well graded, loose; 10% silt; damp; no odor (10,80,10).
					21				
					22				

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **~92'**

Static Water Depth: **Not measured**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **93'**

CPT Log Hole Depth: **97'**

Boring No: **CP-3**

Date Drilled: **2/20/08**

Page 2 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

		Elevation			Northing			Easting		
Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION	
Neat Cement		moist	472		23					
					24				SW- Well graded sand with clay and gravel; brown; SC subrounded to subangular fine sand to fine gravel, loose; 10% clay; moist; no odor (20,70,10).	
					25					
					26					
						27				
						28				
			moist	406	CP-3 @ 29.5-30' 13:45	29				CL Lean clay with sand; medium brown with orange, grey and dark brown mottling; medium plasticity; medium toughness, medium soft; 20% subangular to subrounded fine sand to fine gravel, well graded; moist; no odor (5,20,75).
						30				
						31				
						32				
						33				
			moist	141		34				CL Lean clay; medium brown with orange, gray, and dark brown mottling; medium plasticity, low toughness, stiff; 10% fine to coarse subrounded sand; well graded; moist (0,10,90).
						35				
						36				
						37				
						38				
			moist	102		39				SC Clayey sand; brown with gray mottling; subangular to subrounded fine sand to fine gravel, well graded; loose; 20% clay, low plasticity, low toughness; moist; no odor (10,70,20).
						40				
						41				
						42				
						43				
			moist	56.2		44				

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **~92'**

Static Water Depth: **Not measured**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **93'**

CPT Log Hole Depth: **97'**

Boring No: **CP-3**

Date Drilled: **2/20/08**

Page 3 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement		damp	94.8		45	█		SC Clayey sand; brown with gray mottling; subangular to subrounded fine sand to fine gravel, well graded; loose; 20% clay, low plasticity, low toughness; moist; no odor (5,75,20).
					46			
					47			
					48			
					49	█		
					50	█		
					51			
					52			
					53			
					54	█		
					55	█		
					56			
					57			
					58			
					59	█		
					60	█		
		moist	81.4		61		CL Sandy lean clay; medium brown with black mottling; low plasticity, low toughness, stiff; subrounded fine to coarse sand, poorly graded, trace gravel; moist; no odor (0,45,55).	
62								
63								
64	█							
65	█							
		damp	97.8		66	█	CH Fat clay; medium brown with orange and gray mottling; stiff; trace fine to coarse sand, subangular, moderately graded; damp; no odor (0,5,95).	
		damp	40.9				CH Fat clay; orangish brown; very stiff; trace fine to coarse sand, subangular, moderately graded; damp; no odor (0,5,95).	

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **~92'**

Static Water Depth: **Not measured**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **93'**

CPT Log Hole Depth: **97'**

Boring No: **CP-3**

Date Drilled: **2/20/08**

Page **5** of **5**

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Backfill	▽ ~92' 16:59	sat	2.4	CP- 3D 17:24	89				
					90				60% fine to coarse sand; 40% fines. Too saturated to make accurate classification.
					91				
					92				
					93				
					94				Total depth of sampling hole = 93' bgs
					95				
					96				
					97				
					98				Total depth of CPT log hole = 97' bgs
					99				
					100				
					101				
					102				
					103				
					104				
					105				
					106				
					107				
					108				
					109				
					110				

Delta Consultants

Project No: **C107376002**
 Logged By: **Meghann Hurt**
 Driller: **Gregg Drilling**
 Drilling Method: **CPT**
 Sampling Method: **Piston Type**
 Shallow First Water Depth: **64'**
 Shallow Static Water Depth: **52'**

Client: **ConocoPhillips**
 Location: **Former RR ROW**
North of Ray St., Pleasanton, CA
 Hole Diameter: **1.75"**
 Sample Hole Depth: **82'**
 CPT Log Hole Depth: **92'**
 Deep First Water Depth: **79.25'**
 Deep Static Water Depth: **52'**

Boring No: **CP-4**
 Date Drilled: **2/21/08**
 Page **1** of **5**

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

		Elevation		Northing		Easting			
Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Soil					1				
					2				
		damp	6.9	Air-Knifed	3				CH Fat clay; medium brown; high plasticity, high toughness, stiff to very stiff; trace coarse sand to fine gravel, subrounded, poorly graded; damp; no odor (3,1,96).
		damp	0.0		4				
					5				CL Lean clay with gravel; medium brown; medium plasticity, medium toughness, soft; 15% fine subrounded gravel, 10% subangular fine to coarse sand, well graded; damp; no odor; (15,10,75).
					6				
		damp	4560		7				
					8				
					9				ML Sandy silt; medium brown; very stiff; 45% fine to coarse grained sand, well graded, subrounded; damp; no odor (0,45,55).
					10				
					11				
					12				
		damp	825		13				
					14				ML Sandy silt; medium brown; low toughness, low plasticity, medium soft; fine to coarse grained sand, well graded, subrounded to subangular; damp; no odor (0,50,50).
					15				
					16				
					17				
					18				
		dry	502		19				SW- Well graded sand with silt and gravel; medium brown; subangular to subrounded fine to coarse sand, subrounded fine gravel, loose; 10% silt; dry (40,50,10).
					20				
					21				
					22				

Neat Cement

Project No: **C107376002**
 Logged By: **Meghann Hurt**
 Driller: **Gregg Drilling**
 Drilling Method: **CPT**
 Sampling Method: **Piston Type**
 Shallow First Water Depth: **64'**
 Shallow Static Water Depth: **52'**

Client: **ConocoPhillips**
 Location: **Former RR ROW**
North of Ray St., Pleasanton, CA
 Hole Diameter: **1.75"**
 Sample Hole Depth: **82'**
 CPT Log Hole Depth: **92'**
 Deep First Water Depth: **79.25'**
 Deep Static Water Depth: **52'**

Boring No: **CP-4**
 Date Drilled: **2/21/08**
 Page 2 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ⊗ = Screen for water sample
- ↑ = slowly increasing values

		Elevation		Northing		Easting			
Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery Analyzed	Soil Type	LITHOLOGY / DESCRIPTION	
Neat Cement		moist	202		23				
					24			ML Sandy silt; medium brown; soft; 45% fine to medium grained sand, well graded, subrounded; moist; no odor (0,45,55).	
					25				
					26				
					27				
					28				
			damp	124		29			SW- Well graded sand with clay and gravel; medium brown; subangular fine to coarse sand, subangular gravel, well graded, loose; 10% clay, low plasticity, low toughness; damp; (30,60,10).
						30			
						31			
						32			
			damp	69.4		34			SC Clayey sand with gravel; medium brown; subangular to subrounded fine sand to fine gravel, loose, well graded; 20% clay, medium plasticity, medium toughness; damp; no odor (40,40,20).
						35			
					36				
					37				
		moist	87.2		39			CL Lean clay; medium brown with orange, gray and dark brown mottling; medium plasticity, medium toughness, medium soft; trace subrounded fine sand; moist; slight odor (0,3,97).	
					40				
					41				
					42				
					43				
		moist	3.8		44				

Delta Consultants

Project No: **C107376002**

Logged By: **Meghann Hurt**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

Shallow First Water Depth: **64'**

Shallow Static Water Depth: **52'**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **82'**

CPT Log Hole Depth: **92'**

Deep First Water Depth: **79.25'**

Deep Static Water Depth: **52'**

Boring No: **CP-4**

Date Drilled: **2/21/08**

Page **3** of **5**

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement	▼ 52' 15:54	damp	199	CP-4 @ 54.5-55' 13:31	45	█	█	SW- Well graded sand with clay; dark brown with
					46			SC a few gray clay chunks; fine to medium grained
					47			sand, subrounded, moderately graded, loose, trace
					48			gravel; 10% clay, low plasticity, low toughness;
					49			moist; slight odor (5,85,10).
					50	█		SC Clayey sand with gravel; medium brown with
					51			gray/green/white mottling; well sorted fine to coarse
					52			sand, subangular to subrounded, subangular fine
					53			gravel, loose; 20% clay, medium plasticity, low
					54	█		toughness; damp; slight odor (20,60,20).
					55	█		CL Lean clay; medium brown with dark brown/black
					56			mottling; medium plasticity, medium toughness,
					57			soft; 5% fine to coarse sand, subangular, well
					58			graded, trace subrounded fine gravel; moist; slight
					59			odor (2,5,93).
					60	█		CL Sandy lean clay; medium brown; medium plasticity,
61		medium toughness, soft; well graded fine to coarse						
62		sand, trace gravel, loose, subangular to subrounded;						
63		moist; no odor (5,40,55).						
64	█	CL Lean clay; medium brown; medium plasticity,						
65	█	medium toughness, medium soft; trace fine sand to						
66		fine gravel, subangular, well sorted; saturated; no						
		odor (2,4,94).						

▽
~64'

CP-4S
17:14

CP-4 @
64.5-65'
14:04

Delta Consultants

Project No: **C107376002**

Logged By: **Meghann Hurt**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

Shallow First Water Depth: **64'**

Shallow Static Water Depth: **52'**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **82'**

CPT Log Hole Depth: **92'**

Deep First Water Depth: **79.25'**

Deep Static Water Depth: **52'**

Boring No: **CP-4**

Date Drilled: **2/21/08**

Page 4 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Analyzed	Soil Type	LITHOLOGY / DESCRIPTION		
Neat Cement	▽ 79.25' 15:22	damp	4.0	CP-4 @ 74.5-75' 14:54	67	✕	✕	[Hatched Soil Type Column]	CL Gravelly lean clay with sand ; medium brown; medium plasticity, low toughness, 50% well graded fine sand to fine gravel, subrounded, loose; damp; no odor (35,15,50).		
					68						
					69						
				wet	7.4	CP-4 @ 74.5-75' 14:54	70				CL Lean clay with sand ; medium brown; medium plasticity, medium toughness; 25% fine to coarse sand, well graded, subangular to subrounded, loose; trace gravel; no odor; wet (5,25,70).
		71									
		72									
				sat	3.9	CP-4D 16:03	73				SW Well graded sand with gravel ; medium brown; well graded fine sand to fine gravel, loose, subangular to subrounded; saturated; no odor (20,75,5).
		74									
		75									
							76				
							77				
							78				
							79				
							80				
							81				
					82						
					83						
					84						
					85						
					86						
					87						
					88						

Total depth of sampling hole = 82' bgs

Delta Consultants

Project No: **C107376002**

Client: **ConocoPhillips**

Boring No: **CP-4**

Logged By: **Meghann Hurt**

Location: **Former RR ROW**

Date Drilled: **2/21/08**

Driller: **Gregg Drilling**

North of Ray St., Pleasanton, CA

Page **5** of **5**

Drilling Method: **CPT**

Hole Diameter: **1.75"**

Sampling Method: **Piston Type**

Sample Hole Depth: **82'**

Shallow First Water Depth: **64'**

CPT Log Hole Depth: **92'**

Shallow Static Water Depth: **52'**

Deep First Water Depth: **79.25'**

Deep Static Water Depth: **52'**

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample		Soil Type	LITHOLOGY / DESCRIPTION
						Recovery	Analyzed		
Neat Cement					89				
					90				
					91				
					92				
					93				Total Depth of CPT log hole = 92' bgs
					94				
					95				
					96				
					97				
					98				
					99				
				100					
				101					
				102					
				103					
				104					
				105					
				106					
				107					
				108					
				109					
				110					

Delta Consultants

Project No: **C107376002**

Client: **ConocoPhillips**

Boring No: **CP-5**

Logged By: **Meghann Hurt**

Location: **Former RR ROW**

Date Drilled: **2/22/08**

Driller: **Gregg Drilling**

North of Ray St., Pleasanton, CA

Page **1** of **5**

Drilling Method: **CPT**

Hole Diameter: **1.75"**

Sampling Method: **Piston Type**

Sample Hole Depth: **96'**

First Water Depth: **95.7'**

CPT Log Hole Depth: **90'**

Static Water Depth: ---

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Soil					1				
		damp	0.2	Air-Knifed	2				
		damp	0.0		3			CL	Sandy lean clay with gravel; medium brown; low plasticity; low toughness; no dilatancy; soft; 30% subangular fine to coarse sand; 20% subrounded to subangular fine gravel; well graded; damp; no odor (20,30,50).
		damp	0.0		4			CL	Sandy lean clay with gravel; medium brown; low plasticity; low toughness; no dilatancy; soft; 30% subangular fine to coarse sand; 20% subrounded to subangular fine gravel; well graded; damp; no odor (20,35,45).
		moist	1193		5			ML	Silt with sand; dark brown; low plasticity; low toughness; medium soft; well graded fine to coarse sand; trace gravel; subrounded; moist; no odor (2,25,73).
		damp	1364		6			CH	Fat clay; medium brown; high plasticity; high toughness; very stiff; trace medium sand to fine gravel; subrounded; well graded; no odor; damp; (2,3,95).
		damp	659		7			CL	Lean clay with sand; medium brown with greenish gray chunks; medium plasticity; medium toughness; very stiff; subangular fine to coarse sand; well graded; trace gravel; damp; slight odor (2,20,78).
					8				
					9				
					10				
					11				
					12				
					13				
					14				
					15				
					16				
					17				
					18				
					19				
					20				
					21				
					22				

Neat Cement

Delta Consultants

Project No: **C107376002**
 Logged By: **Meghann Hurt**
 Driller: **Gregg Drilling**
 Drilling Method: **CPT**
 Sampling Method: **Piston Type**
 First Water Depth: **95.7'**
 Static Water Depth: **---**

Client: **ConocoPhillips**
 Location: **Former RR ROW**
North of Ray St., Pleasanton, CA
 Hole Diameter: **1.75"**
 Sample Hole Depth: **96'**
 CPT Log Hole Depth: **90'**

Boring No: **CP-5**
 Date Drilled: **2/22/08**
 Page 2 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ⊗ = Screen for water sample
- ↑ = slowly increasing values

		Elevation			Northing		Easting		
Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement		moist	440		23				
					24	█			CL Lean clay ; greyish green; medium plasticity; medium toughness; medium soft; well graded fine to coarse sand; subrounded; moist; slight odor (0,10,90).
					25	█			
		damp	370		26				
					27				
					28				
					29	█			CL Sandy lean clay with gravel ; medium brown with greenish grey chunks; medium plasticity; medium toughness; well graded fine sand to coarse gravel; subrounded to subangular; loose; damp; strong odor; (15,25,60).
					30	█			
					31				
					32				
		damp	255		33				
					34	█			CL Lean clay with sand ; greenish grey; medium plasticity, medium toughness; medium soft; subrounded; moderately graded fine to medium sand; damp; strong odor; (0,20,80).
					35	█			
					36				
					37				
					38				
		damp	4.5		39	█			CL Sandy lean clay ; greenish grey; medium plasticity; medium toughness; medium soft; well graded fine sand to fine gravel; subangular to subrounded; damp; strong odor (15,25,60).
					40	█			
					41				
					42				
					43				
		damp	5.7		44	█			

Delta

Consultants

Project No: **C107376002**

Logged By: **Meghann Hurt**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **95.7'**

Static Water Depth: ---

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **96'**

CPT Log Hole Depth: **90'**

Boring No: **CP-5**

Date Drilled: **2/22/08**

Page 3 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

		Elevation			Northing			Easting				
Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION			
Neat Cement				CP-5 @ 44.5-45' 11:42	45				CH Fat clay; medium brown with green chunks; high plasticity; high toughness; very stiff; trace subrounded gravel; damp; strong odor (1,0,99).			
					46							
					47							
					48							
			sat			49				No recovery from 49-50 feet. Sampling tubes appear saturated.		
						50						
						51						
						52						
						53						
			damp	9.5		54				CH Fat clay; medium brown with green chunks; high plasticity; high toughness; very stiff; trace subrounded gravel; damp; strong odor (1,0,99).		
						55						
						56						
						57						
						58						
						59						
						60				Soil sampler broke		
						61						
						62						
						63						
						64						
						65						
						66						

Delta Consultants

Project No: **C107376002**
 Logged By: **Meghann Hurt**
 Driller: **Gregg Drilling**
 Drilling Method: **CPT**
 Sampling Method: **Piston Type**
 First Water Depth: **95.7'**
 Static Water Depth: ---

Client: **ConocoPhillips**
 Location: **Former RR ROW**
North of Ray St., Pleasanton, CA
 Hole Diameter: **1.75"**
 Sample Hole Depth: **96'**
 CPT Log Hole Depth: **90'**

Boring No: **CP-5**
 Date Drilled: **2/22/08**
 Page 4 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

		Elevation			Northing		Easting		
Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Backfill									
Neat Cement					67				
					68				
					69				
					70				
					71				
					72				
					73				
					74				
					75				
					76				
					77				
					78				
					79				
					80				
					81				
					82				
					83				
					84				
					85				
					86				
					87				
				88					

Delta Consultants

Project No: **C107376002**

Client: **ConocoPhillips**

Boring No: **CP-5**

Logged By: **Meghann Hurt**

Location: **Former RR ROW**

Date Drilled: **2/22/08**

Driller: **Gregg Drilling**

North of Ray St., Pleasanton, CA

Page **5** of **5**

Drilling Method: **CPT**

Hole Diameter: **1.75"**

Sampling Method: **Piston Type**

Sample Hole Depth: **96'**

First Water Depth: **95.7'**

CPT Log Hole Depth: **90'**

Static Water Depth: ---

- ▽ = First Water
- ▼ = Static Groundwater
- × = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample		Soil Type	LITHOLOGY / DESCRIPTION
						Recovery	Analyzed		
Backfill					89				
					90				
					91				Total depth of CPT log hole= 90' bgs
					92				
					93				
					94				
					95				
					96				Total depth of sampling hole= 95' bgs
					97				
					98				
					99				
Neat Cement					100				
					101				
					102				
					103				
					104				
					105				
					106				
					107				
					108				
					109				
					110				

15:30
▽
95.7'

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **~71'**

Static Water Depth: **79.5'**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **85'**

CPT Log Hole Depth: **90'**

Boring No: **CP-6**

Date Drilled: **2/25/08**

Page 1 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

		Elevation			Northing		Easting		
Boring Completion	Static Water Level	Moisture Content	PTD Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Soil					1				
		damp	0.0	Air-Knifed	2				ML Silt with sand ; medium brown; low toughness; non-plastic; some clay present; very soft; some compacted chunks; 10% subangular fine to coarse sand; 5% subangular to subrounded gravel; well graded; damp; no odor (5,10,85).
					3				
		damp	0.0		4				
					5				
					6				CH Fat clay ; medium brown; high plasticity; medium toughness; soft; some compacted chunks; 10% angular to subangular fine gravel; trace fine and coarse subangular sand; poorly graded; damp; no odor (10,3,87).
					7				
					8				
		dry	154		9				CL Lean clay ; dark brown; low toughness; medium plasticity; medium soft; some silt; trace subrounded to subangular coarse sand to fine gravel; strong odor; dry (1,1,98).
					10				
					11				
					12				
					13				
					14				No recovery from 14-15 feet
		dry	64.5		15				Same as above; no sand or gravel (0,0,100).
					16				
					17				
					18				
					19				No recovery from 19-20 feet
		dry	31.2		20				Dry bentonite (must have fallen or been scraped from above 5'. Airknifers used it to backfill hole).
					21				
					22				

Neat Cement

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **~71'**

Static Water Depth: **79.5'**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **85'**

CPT Log Hole Depth: **90'**

Boring No: **CP-6**

Date Drilled: **2/25/08**

Page 2 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

		Elevation			Northing			Easting				
Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION			
Neat Cement					23							
					24							
			dry	96.3					SM	Silty sand; orange brown; subrounded to subangular; fine sand to fine gravel; well graded; loose; 40% silt; some clay; non-plastic; some odor; dry (10,50,40).		
						26						
						27						
			damp	56.6		29			CH	Fat clay; medium brown; high plasticity; high toughness; very stiff; trace subrounded to subangular medium to coarse sand; some odor; damp; (0,2,98).		
						30						
						31						
						32						
			moist	211	CP-6 @ 34.5-35' 11:41	34			CL	Lean Clay; medium brown; low toughness; medium plasticity; soft; some silt; moist; strong odor (0,0,100).		
						35						
						36						
					37							
					38							
					39							
		damp	254		40			SW-	Well graded sand with silt and gravel; brown; subrounded to subangular fine to coarse sand; angular fine gravel (white, orange, and gray cryptocrystalline gravel); well graded; very loose; 40% gravel; 10% silt; damp; strong odor (40,50,10).			
					41			SM				
					42							
					43							
					44							

Delta Consultants

Project No: **C107376002**
 Logged By: **Lisa Stelzner**
 Driller: **Gregg Drilling**
 Drilling Method: **CPT**
 Sampling Method: **Piston Type**
 First Water Depth: **~71'**
 Static Water Depth: **79.5'**

Client: **ConocoPhillips**
 Location: **Former RR ROW**
North of Ray St., Pleasanton, CA
 Hole Diameter: **1.75"**
 Sample Hole Depth: **85'**
 CPT Log Hole Depth: **90'**

Boring No: **CP-6**
 Date Drilled: **2/25/08**
 Page 3 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

		Elevation			Northing			Easting		
Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION	
Neat Cement		damp	75.9		45				SM silty sand with gravel; medium brown; sub-rounded to subangular fine to coarse sand; 30% subangular to angular fine gravel; well graded; very loose; 15% silt; trace chunks of clay; damp; strong odor (30,55,15).	
					46					
					47					
					48					
			moist	109		49			CH Fat clay; medium brown; medium toughness; high plasticity; soft; moist; strong odor (0,0,100).	
						50				
						51				
						52				
						53				
			moist	236		54			CH Same as above; high toughness; stiff.	
						55				
						56				
						57				
						58				
			moist	68.4		59			CH Same as above; medium soft; some odor.	
						60				
						61				
					62					
					63					
		moist	137		64			CH Same as above; strong odor.		
					65					
					66					

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **~71'**

Static Water Depth: **79.5'**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **85'**

CPT Log Hole Depth: **90'**

Boring No: **CP-6**

Date Drilled: **2/25/08**

Page 4 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion Backfill	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample		Soil Type	LITHOLOGY / DESCRIPTION
						Recovery	Analyzed		
Neat Cement	▽ ~71'	moist wet	138	CP-6 @ 69.5-70' 14:00	67			CH	Lean clay with sand; medium brown; medium toughness; high plasticity; medium soft; 20% subrounded to subangular fine sand to fine gravel; well graded; strong odor; moist; wet at end of sample (70') (10,10,80).
					68				
					69				
					70				
					71				
					72				
					73				
					74				
					75				
					76				
					77				
					78				
					79				
	▼ 79.5' 15:38			CP-6D 15:50	80				
					81				
						82			
						83			
						84			
						85			
						86			
						87			
						88			
Total depth of sample hole = 85' bgs									

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **~71'**

Static Water Depth: **79.5'**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **85'**

CPT Log Hole Depth: **90'**

Boring No: **CP-6**

Date Drilled: **2/25/08**

Page 5 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample		Soil Type	LITHOLOGY / DESCRIPTION
						Recovery	Analyzed		
					89				
					90				
					91				Total depth of CPT log hole = 90' bgs
					92				
					93				
					94				
					95				
					96				
					97				
					98				
					99				
					100				
					101				
					102				
					103				
					104				
					105				
					106				
					107				
					108				
					109				
					110				

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **69'**

Static Water Depth: **72.6'**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **77'**

CPT Log Hole Depth: **90'**

Boring No: **CP-7**

Date Drilled: **2/26/08**

Page **1** of **5**

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample Recovery	Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Soil					1				
		damp	0.0	Air-Knifed	2				
					3	█			CL Sandy lean clay ; medium brown; low plasticity; low toughness; soft; 30% subangular to angular fine to coarse sand; 7% subangular to subrounded fine gravel; well graded; some cemented chunks of fines present; damp; no odor (7,30,63).
		damp	0.0		4				
					5	█			CL Lean clay ; medium brown; medium plasticity; low toughness; soft; 7% subangular to angular fine to coarse sand; 5% subangular to subrounded fine gravel; well graded; some cemented chunks of fines present; damp; no odor (5,7,88).
					6				
					7				
		damp	2868		8				
					9	█			CL Lean clay ; dark brown; medium plasticity; low toughness; soft; trace subrounded coarse sand; some silt; damp; slight odor (0,1,99).
					10	█			
					11				
					12				
					13				
					14				No recovery from 14-15 feet
		damp	9.7		15	█			CL Lean clay ; dark brown; medium plasticity; low toughness; soft; trace roots present (0,0,100).
					16	█			
					17				
					18				
		damp	497		19	█			CL Lean clay with sand ; dark brown; medium plasticity; low toughness; soft; 15% subrounded to angular medium sand to fine gravel; moderately graded; damp; strong odor (5,10,85).
					20	█			
					21				
					22				

Neat Cement

Delta Consultants

Project No: **C107376002**
 Logged By: **Lisa Stelzner**
 Driller: **Gregg Drilling**
 Drilling Method: **CPT**
 Sampling Method: **Piston Type**
 First Water Depth: **69'**
 Static Water Depth: **72.6'**

Client: **ConocoPhillips**
 Location: **Former RR ROW**
North of Ray St., Pleasanton, CA
 Hole Diameter: **1.75"**
 Sample Hole Depth: **77'**
 CPT Log Hole Depth: **90'**

Boring No: **CP-7**
 Date Drilled: **2/26/08**
 Page 2 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

		Elevation			Northing		Easting		
Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Sample Analyzed	Soil Type	LITHOLOGY / DESCRIPTION
Neat Cement		damp	2.5		23				
					24	█			CH Fat clay ; medium brown; high toughness; high plasticity; very stiff; 10% subrounded to angular fine sand to fine gravel; moderately graded; damp; slight odor (3,7,90).
					25	█			
					26				
					27				
					28				
					29				No recovery from 29-30 feet
		moist	8.3			30	█		
						31	█		CH Fat clay ; medium brown; high toughness; high plasticity; soft; 1% subangular gravel; moist (1,0,99).
						32			
						33			
		damp	3.3			34	█		
						35	█		CH Fat clay ; medium brown; medium toughness; high plasticity; soft; 1% subangular gravel; damp (1,0,99).
						36			
					37				
					38				
	moist wet	12.7		CP-7@ 39.5-40' 11:35	39	█			
					40	█		CL Lean clay ; dark gray-brown; low toughness; medium plasticity; soft; some silt present; 10% subrounded to angular fine sand to fine gravel; moderately graded; moist (wet at very bottom of sample); slight odor (3,70,90).	
					41				
					42				
					43				
	wet	33.5			44	█			

Delta Consultants

Project No: **C107376002**
 Logged By: **Lisa Stelzner**
 Driller: **Gregg Drilling**
 Drilling Method: **CPT**
 Sampling Method: **Piston Type**
 First Water Depth: **69'**
 Static Water Depth: **72.6'**

Client: **ConocoPhillips**
 Location: **Former RR ROW**
North of Ray St., Pleasanton, CA
 Hole Diameter: **1.75"**
 Sample Hole Depth: **77'**
 CPT Log Hole Depth: **90'**

Boring No: **CP-7**
 Date Drilled: **2/26/08**
 Page 3 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation Northing Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Recovery	Analyzed	Soil Type	LITHOLOGY / DESCRIPTION	
										Backfill
Neat Cement		sat			45	█		SC Clayey sand with gravel; dark gray-brown; subangular to angular fine sand to fine gravel; well graded; loose; 30% clay; medium plasticity; strong odor; wet (saturated at very bottom of sample) (20,50,30).		
					46					
					47					
					48					
					49				Very little recovery	
			wet	9.3		50	█			CH Fat clay; brown with orange and black mottling; low toughness; high plasticity; medium soft; wet; strong odor (0,0,100).
						51				
						52				
						53				
			wet	5.9		54	█			Same as above; trace subangular medium sand to fine gravel; wet (2,3,95).
			moist		CP-7@ 54.5-55' 13:57	55	█			CH Fat clay; brown with orange and black mottling; high toughness; high plasticity; stiff; trace subangular medium sand to fine gravel; moist (2,3,95).
						56				
						57				
						58				
			wet	6.2		59	█			CH Fat clay; brown with orange and black mottling; high toughness; high plasticity; stiff; trace subangular fine sand to fine gravel; wet (3,7,90).
						60				
						61				
						62				
						63				
			wet	3.1		64	█			SC Clayey sand with gravel; medium brown; subangular to angular fine sand to fine gravel; well graded; loose; 30% clay; medium plasticity; slight odor; wet (20,50,30).
						65				
						66				

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **69'**

Static Water Depth: **72.6'**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **77'**

CPT Log Hole Depth: **90'**

Boring No: **CP-7**

Date Drilled: **2/26/08**

Page **4** of **5**

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample		Soil Type	LITHOLOGY / DESCRIPTION
						Recovery	Analyzed		
Neat Cement	~69' ▼ 72.6' 15:36			CP-7M 15:40	67				
					68				
					69				
					70				
					71				
					72				
					73				
					74				
					75				
					76				
					77				
					78				
					79				
					80				
					81				
					82				
					83				
					84				
					85				
86									
87									
88									

Sampler broke - no sample. Tubes saturated.

Total depth of sampling hole = 77' bgs

Delta Consultants

Project No: **C107376002**

Logged By: **Lisa Stelzner**

Driller: **Gregg Drilling**

Drilling Method: **CPT**

Sampling Method: **Piston Type**

First Water Depth: **69'**

Static Water Depth: **72.6'**

Client: **ConocoPhillips**

Location: **Former RR ROW**

North of Ray St., Pleasanton, CA

Hole Diameter: **1.75"**

Sample Hole Depth: **77'**

CPT Log Hole Depth: **90'**

Boring No: **CP-7**

Date Drilled: **2/26/08**

Page 5 of 5

- ▽ = First Water
- ▼ = Static Groundwater
- ✕ = Screen for water sample
- ↑ = slowly increasing values

Elevation

Northing

Easting

Boring Completion	Static Water Level	Moisture Content	PID Reading (ppm)	Sample Identification	Depth (feet)	Sample		Soil Type	LITHOLOGY / DESCRIPTION
						Recovery	Analyzed		
Backfill					89				
					90				
					91				Total depth of CPT log hole= 90' bgs
					92				
					93				
					94				
					95				
					96				
					97				
					98				
					99				
					100				
					101				
					102				
					103				
					104				
					105				
					106				
					107				
					108				
					109				
					110				

APPENDIX E

Gregg Drilling CPT Report



GREGG DRILLING & TESTING, INC.

GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATION SERVICES

February 27, 2008

Delta Consultants
Attn: Lisa Stelzner
11050 White Rock Road, Suite 110
Rancho Cordva, California 95670

Subject: CPT Site Investigation
76 Station #7376
4192 First St., Pleasanton, California
GREGG Project Number: 08-048MA

Dear Ms. Stelzner:

The following report presents the results of GREGG Drilling & Testing's Cone Penetration Test investigation for the above referenced site. The following testing services were performed:

1	Cone Penetration Tests	(CPTU)	<input checked="" type="checkbox"/>
2	Pore Pressure Dissipation Tests	(PPD)	<input checked="" type="checkbox"/>
3	Seismic Cone Penetration Tests	(SCPTU)	<input type="checkbox"/>
4	Resistivity Cone Penetration Tests	(RCPTU)	<input type="checkbox"/>
5	UVIF Cone Penetration Tests	(UVIFCPTU)	<input type="checkbox"/>
6	Groundwater Sampling	(GWS)	<input checked="" type="checkbox"/>
7	Soil Sampling	(SS)	<input checked="" type="checkbox"/>
8	Vapor Sampling	(VS)	<input type="checkbox"/>
9	Vane Shear Testing	(VST)	<input type="checkbox"/>
10	SPT Energy Calibration	(SPTC)	<input type="checkbox"/>

A list of reference papers providing additional background on the specific tests conducted is provided in the bibliography following the text of the report. If you would like a copy of any of these publications or should you have any questions or comments regarding the contents of this report, please do not hesitate to contact our office at (925) 313-5800.

Sincerely,
GREGG Drilling & Testing, Inc.

Mary Walden
Operations Manager



GREGG DRILLING & TESTING, INC.

GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATION SERVICES

Cone Penetration Test Sounding Summary

-Table 1-

CPT Sounding Identification	Date	Termination Depth (Feet)	Depth of Groundwater Samples (Feet)	Depth of Soil Samples (Feet)	Depth of Pore Pressure Dissipation Tests (Feet)
CPT-01	2/18/08	90	24-28,75-77	9-10,14-15,19-20,24-25,29-30,34-35,39-40,44-45,49-50,54-55,59-60,64-65,69-70	66.6,79.4
CPT-02	2/19/08	100	54-58,81-83,85-90,90-95,95-100	9-10,14-15,19-20,24-25,29-30,34-35,39-40,44-45,49-50,54-55,59-60,64-65,69-70,74-75	31.3,58.9
CPT-03	2/19/08	97	88-93	9-10,14-15,19-20,24-25,29-30,34-35,39-40,44-45,49-50,54-55,59-60,64-65,69-70,74-75,79-80,84-85,89-90	89.6
CPT-04	2/21/08	92	63-68,79-82	9-10,14-15,19-20,24-25,29-30,34-35,39-40,44-45,49-50,54-55,59-60,64-65,69-70,74-75,79-80	30.5,44.8,51.8,63.2,85.9,92.0
CPT-05	2/22/08	90	79-83,85-88,90-95	9-10,15-16,20-21,24-25,29-30,34-35,39-40,44-45,49-50,54-55	27.7,63.2,81.7

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GREGG DRILLING & TESTING, INC.

GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATION SERVICES

CPT-06	2/25/08	90	70-75,75-85	9-10,14-15,19-20,24-25,29-30,34-35,39-40,44-45,49-50,54-55,59-60,64-65,69-70	15.1,71.9
CPT-07	2/26/08	90	43-48,48-53,55-65,72-77	9-10,14-15,19-20,24-25,29-30,34-35,39-40,44-45,49-50,54-55,59-60,64-65,69-70	18.9,75.5



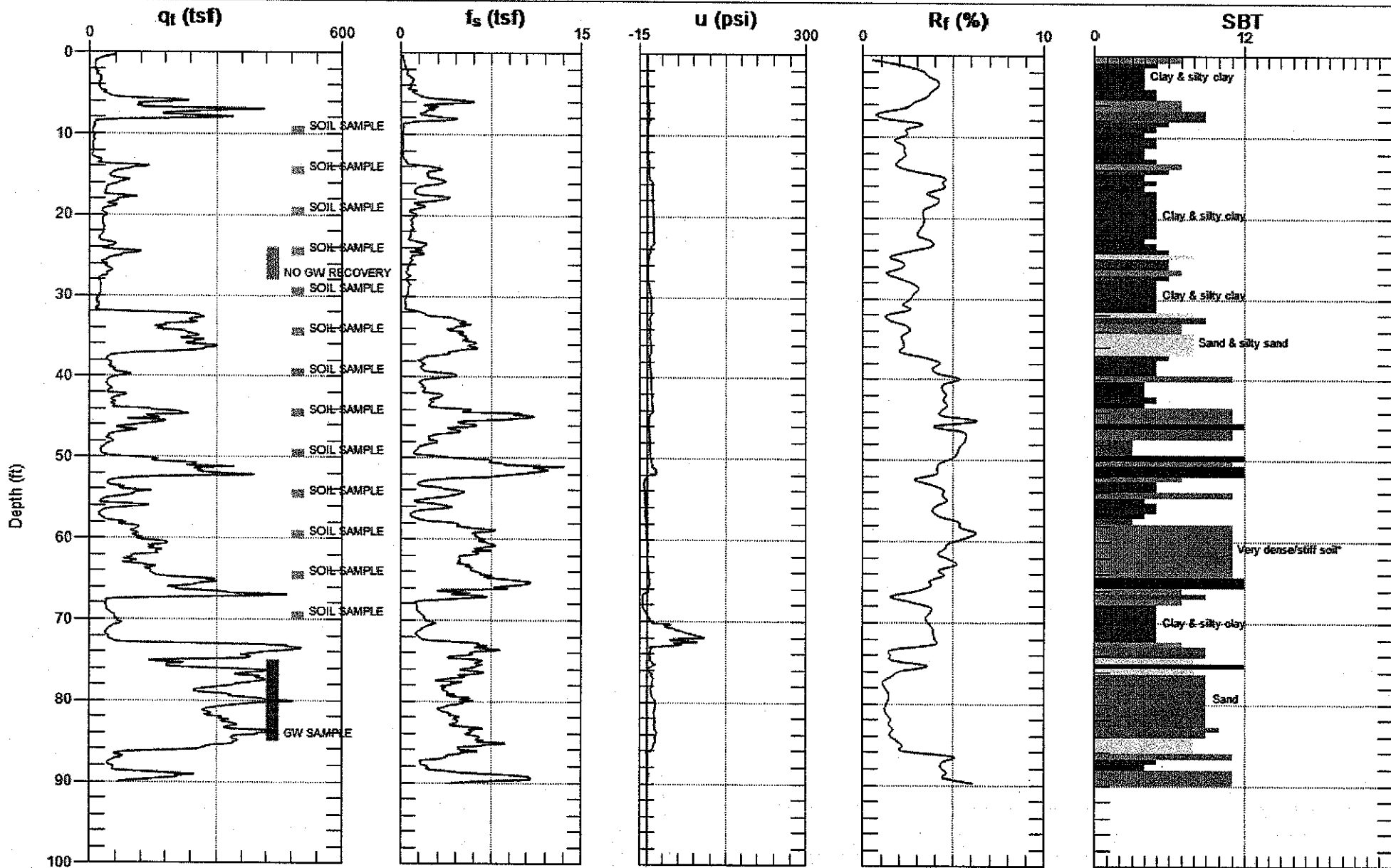
DELTA CONSULTANTS

Site: 76 STATION # 7376

Engineer: LISA STELZNER

Sounding: CP-01

Date: 2/18/2008 09:29



Max. Depth: 90.059 (ft)
Avg. Interval: 0.656 (ft)

SBT: Soil Behavior Type (Robertson 1990)



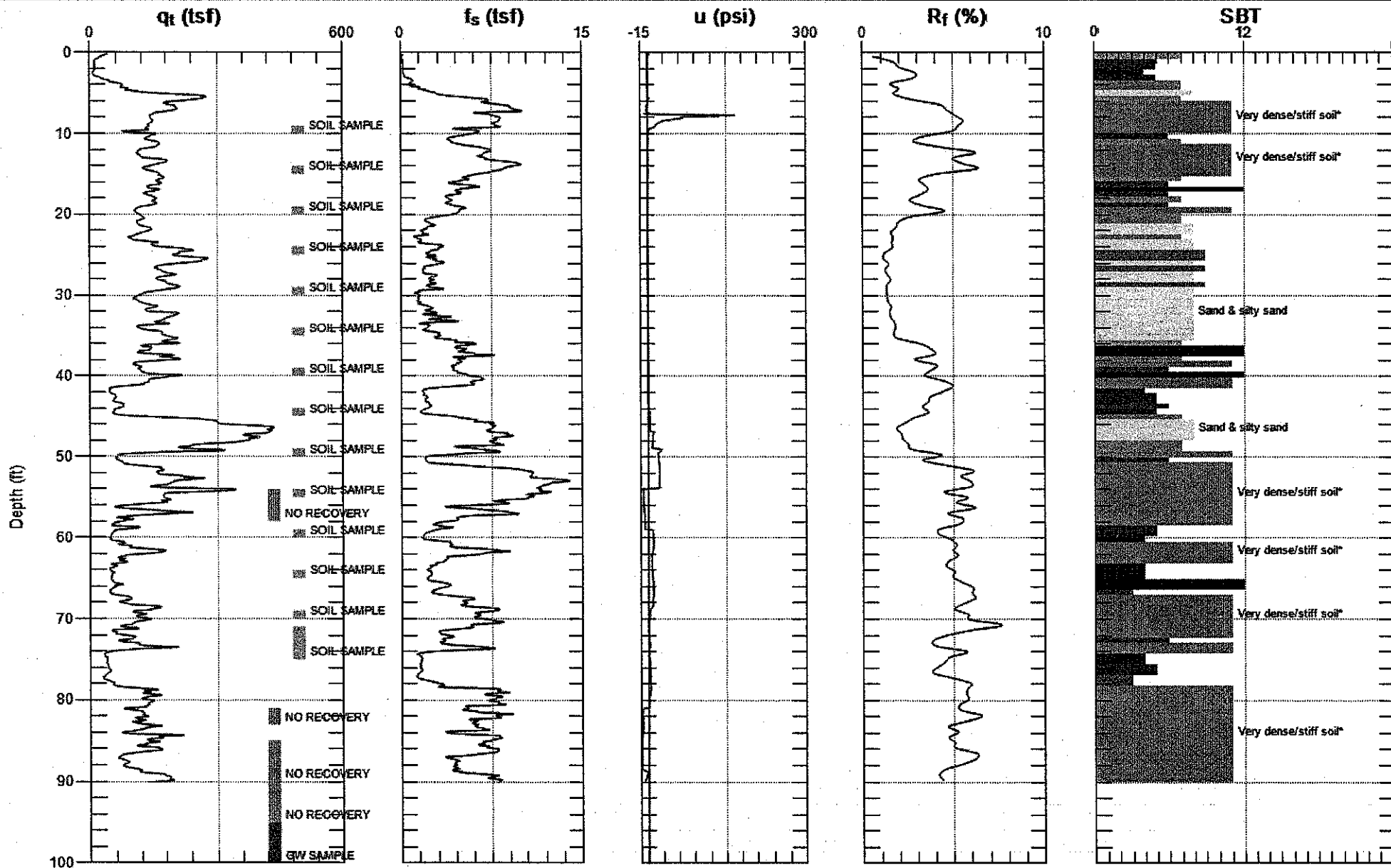
DELTA CONSULTANTS

Site: 76 STATION # 7376

Engineer: LISA STELZNER

Sounding: CP-02

Date: 2/19/2008 07:20



Max. Depth: 90.059 (ft)
Avg. Interval: 0.656 (ft)

SBT: Soil Behavior Type (Robertson 1990)



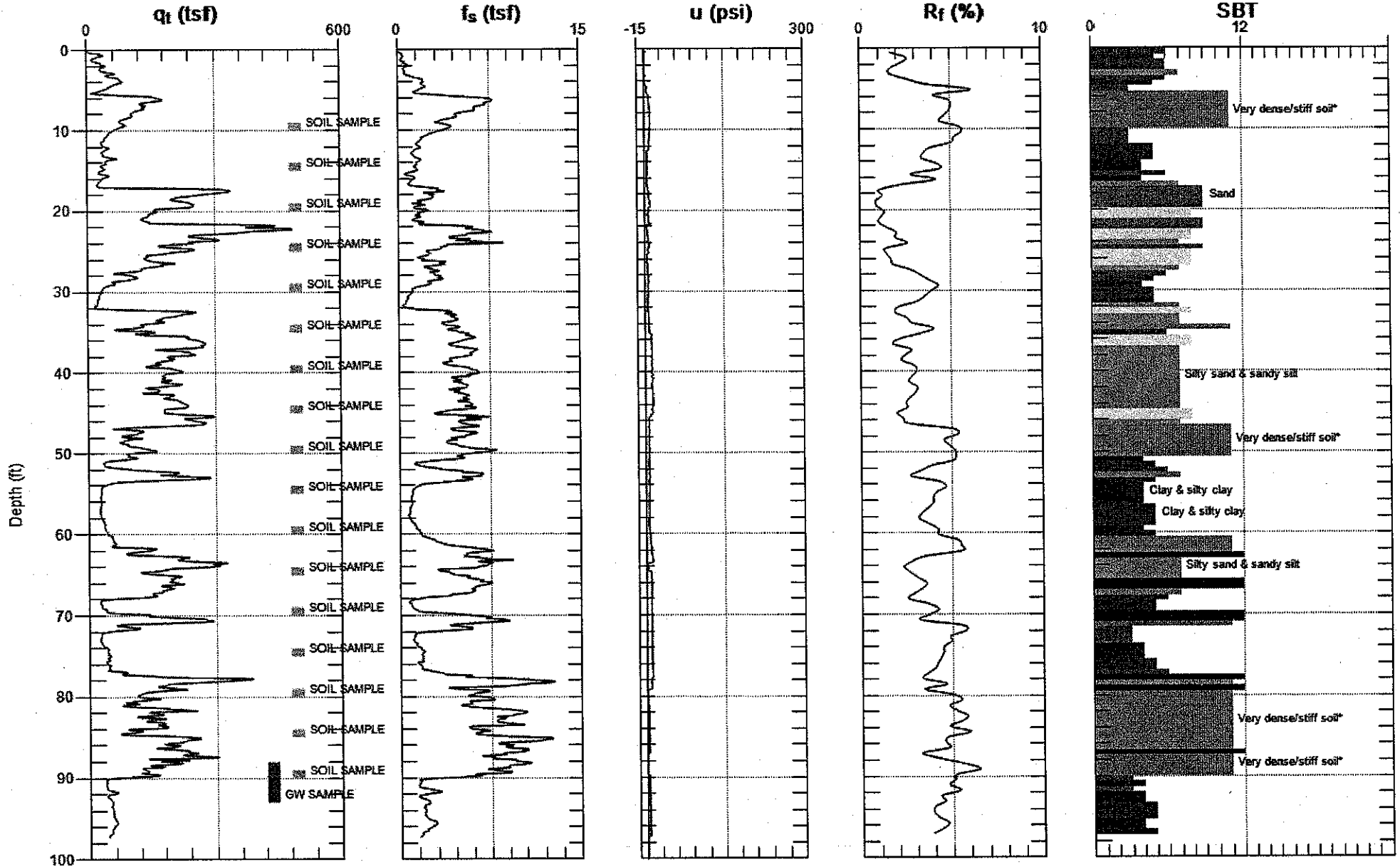
DELTA CONSULTANTS

Site: 76 STATION # 7376

Engineer: LISA STELZNER

Sounding: CP-03

Date: 2/20/2008 09:21



Max. Depth: 97.277 (ft)
Avg. Interval: 0.656 (ft)

SBT: Soil Behavior Type (Robertson 1990)



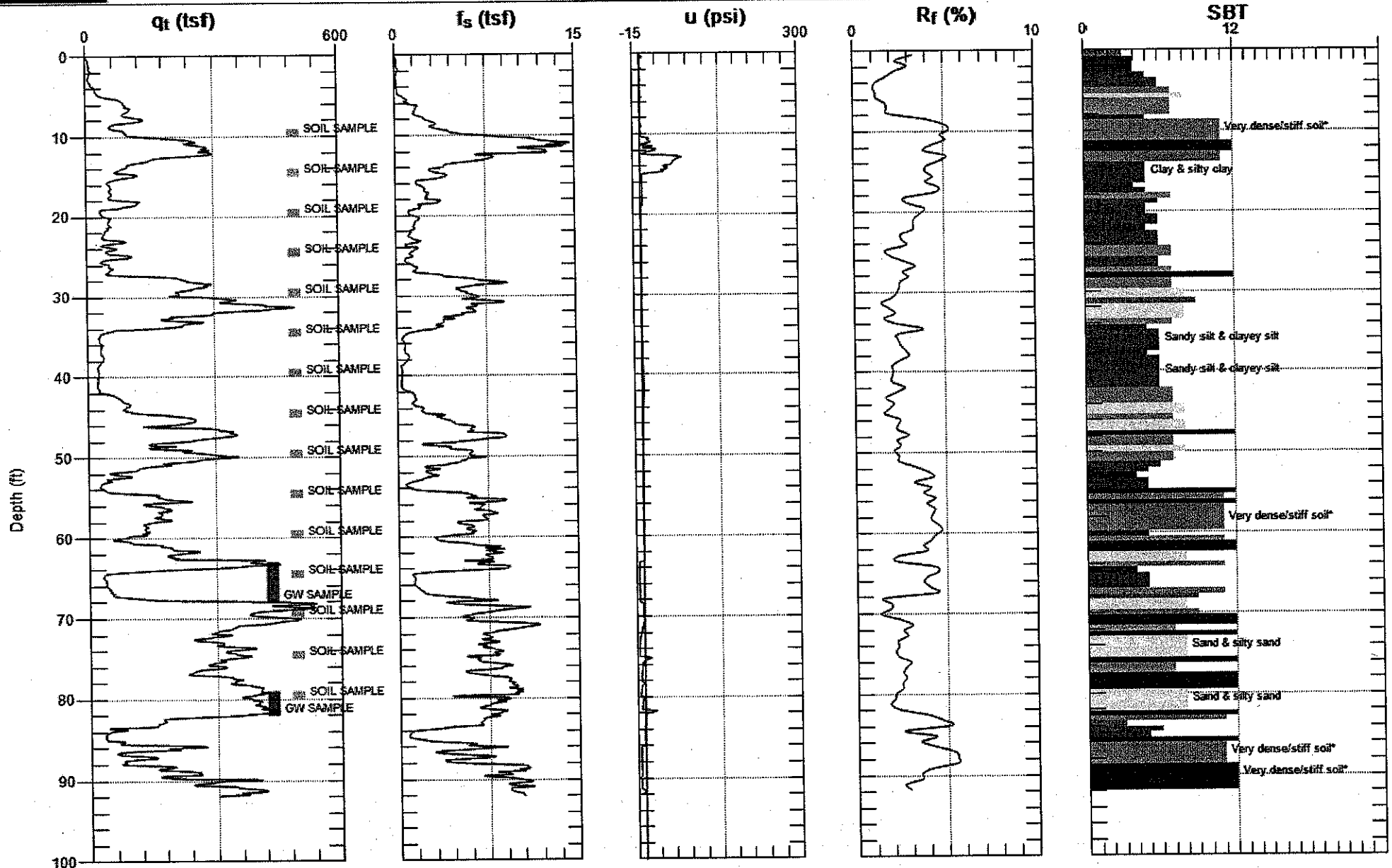
DELTA CONSULTANTS

Site: 76 STATION # 7376

Engineer: LISA STELZNER

Sounding: CP-04

Date: 2/21/2008 08:02



Max. Depth: 92.028 (ft)
Avg. Interval: 0.656 (ft)

SBT: Soil Behavior Type (Robertson 1990)



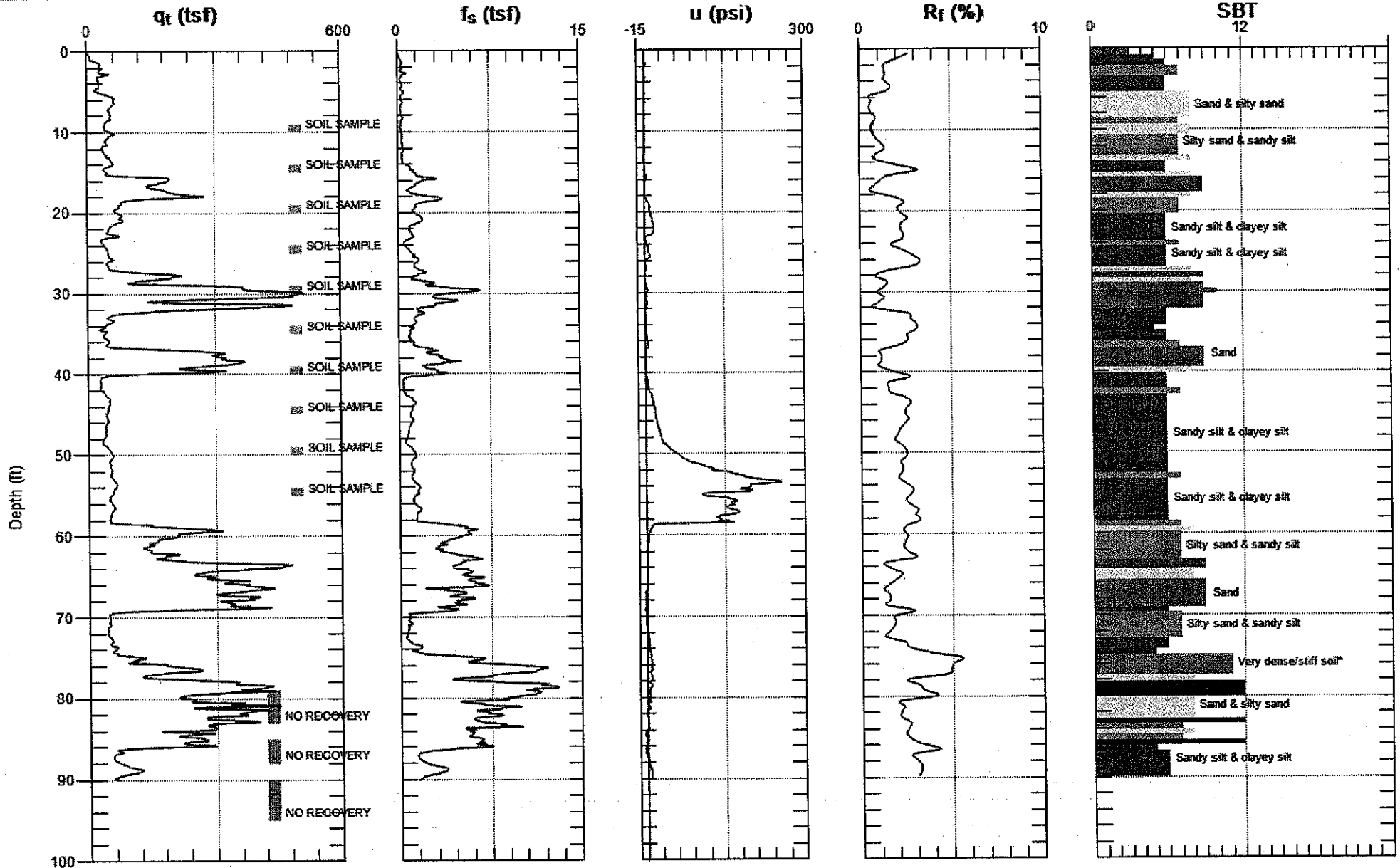
DELTA CONSULTANTS

Site: 76 STATION # 7376

Engineer: LISA STELZNER

Sounding: CP-05

Date: 2/22/2008 07:36



Max. Depth: 90.059 (ft)
Avg. Interval: 0.656 (ft)

SBT: Soil Behavior Type (Robertson 1990)



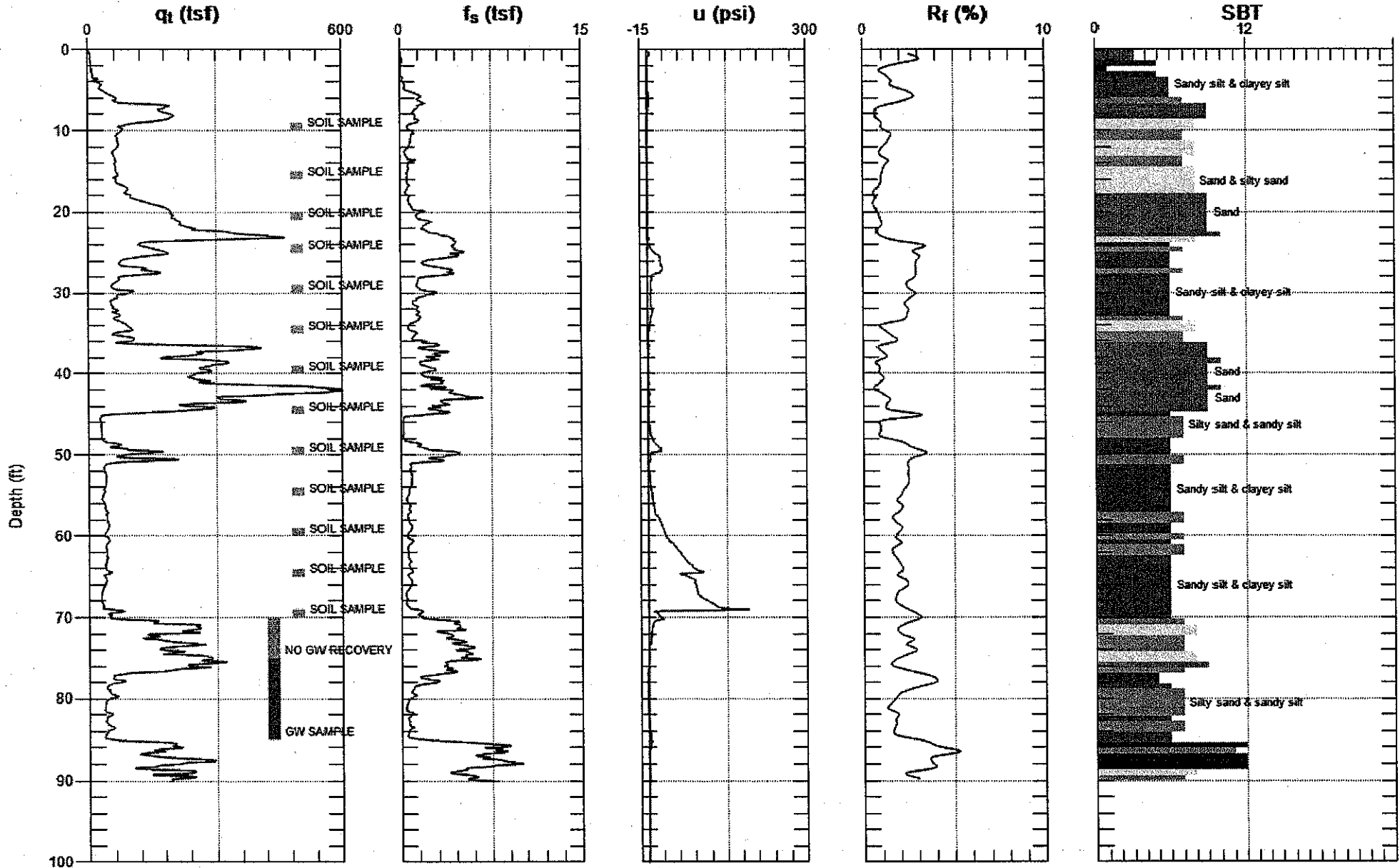
DELTA CONSULTANTS

Site: 76 STATION # 7376

Engineer: LISA STELZNER

Sounding: CP-06

Date: 2/25/2008 08:04



Max. Depth: 90.059 (ft)
Avg. Interval: 0.656 (ft)

SBT: Soil Behavior Type (Robertson 1990)



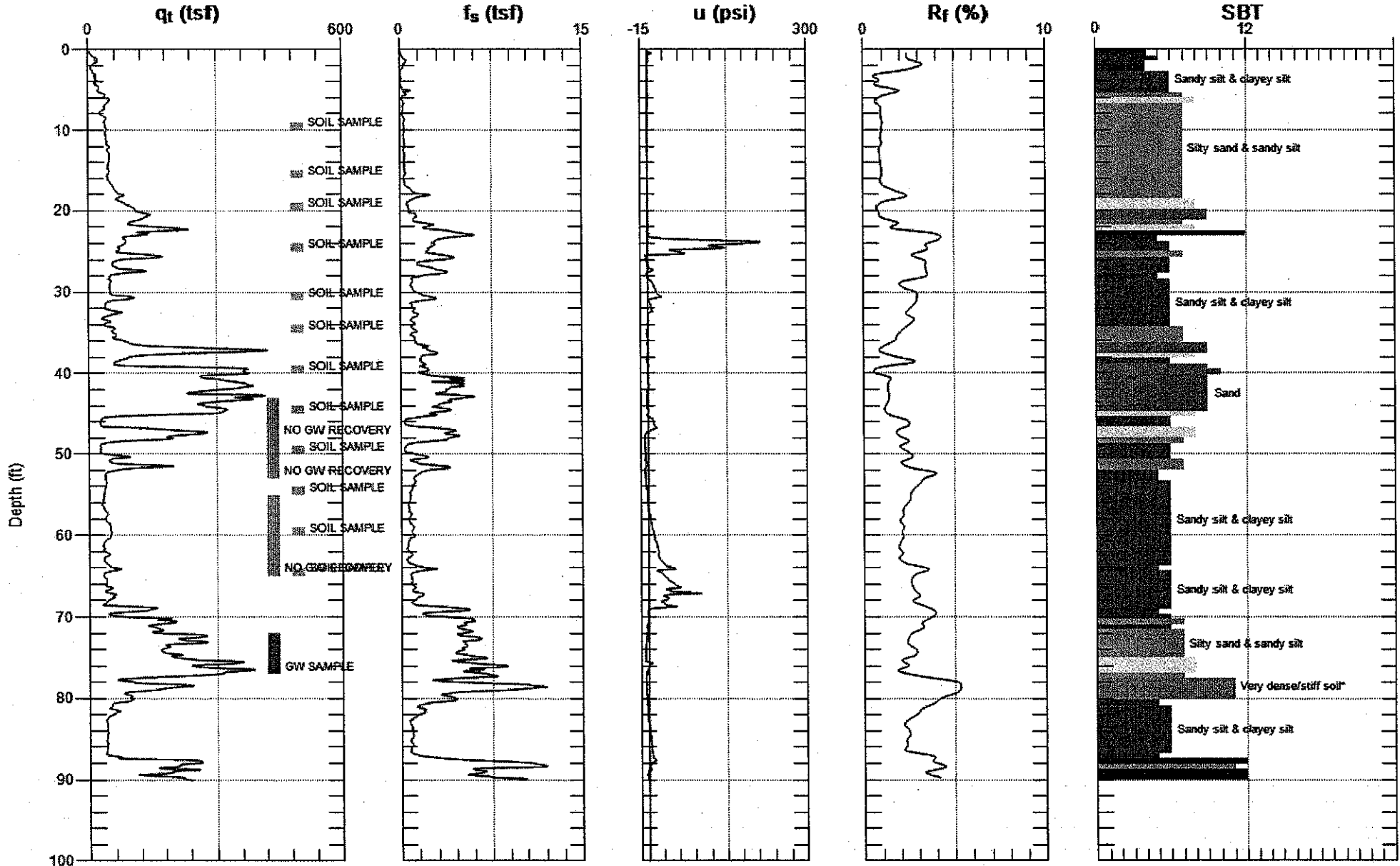
DELTA CONSULTANTS

Site: 76 STATION # 7376

Engineer: LISA STELZNER

Sounding: CP-07

Date: 2/26/2008 07:55



Max. Depth: 90.059 (ft)
Avg. Interval: 0.656 (ft)

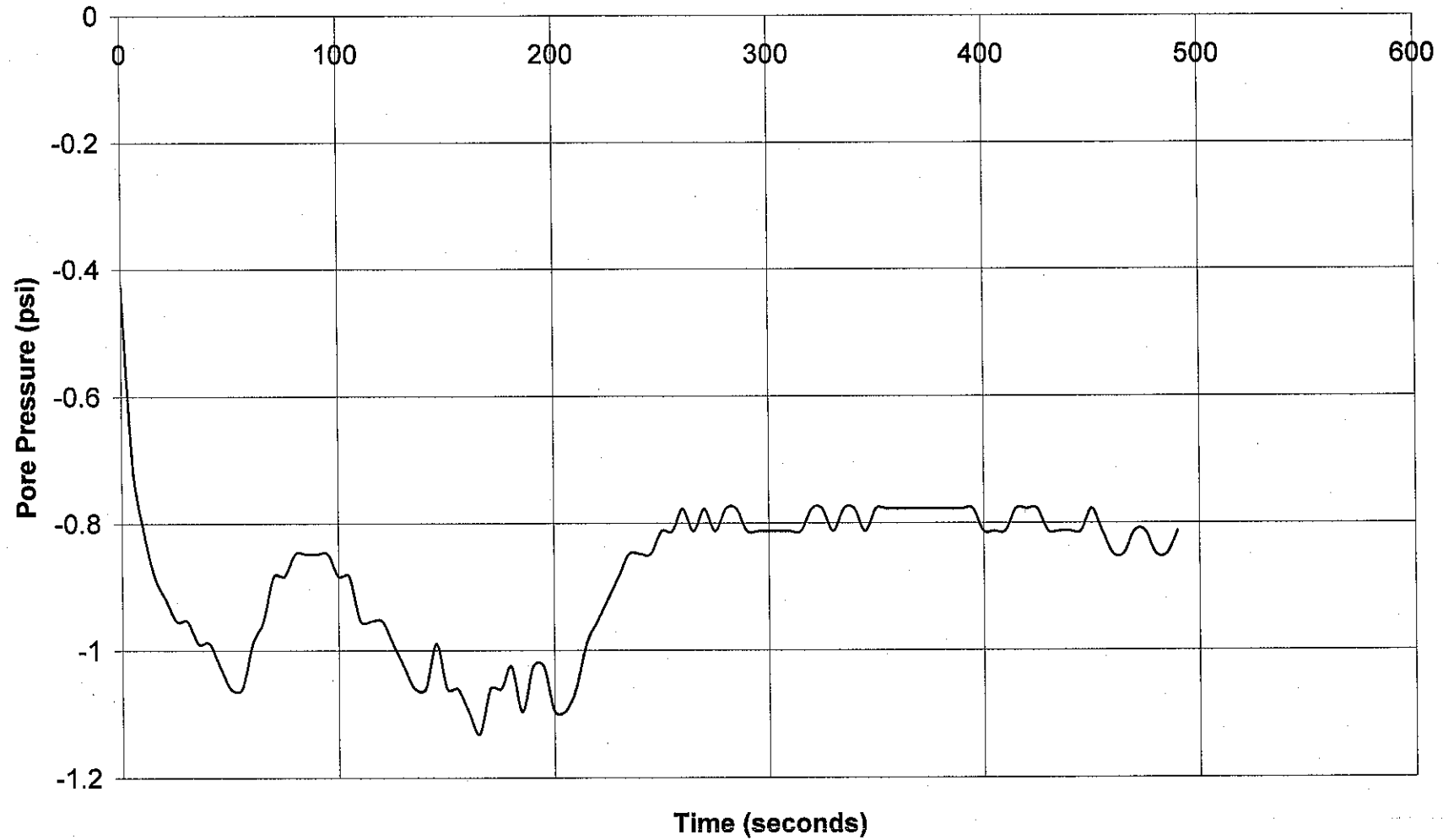
SBT: Soil Behavior Type (Robertson 1990)



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-07
Depth: 18.865
Site: CP-07
Engineer: LISA

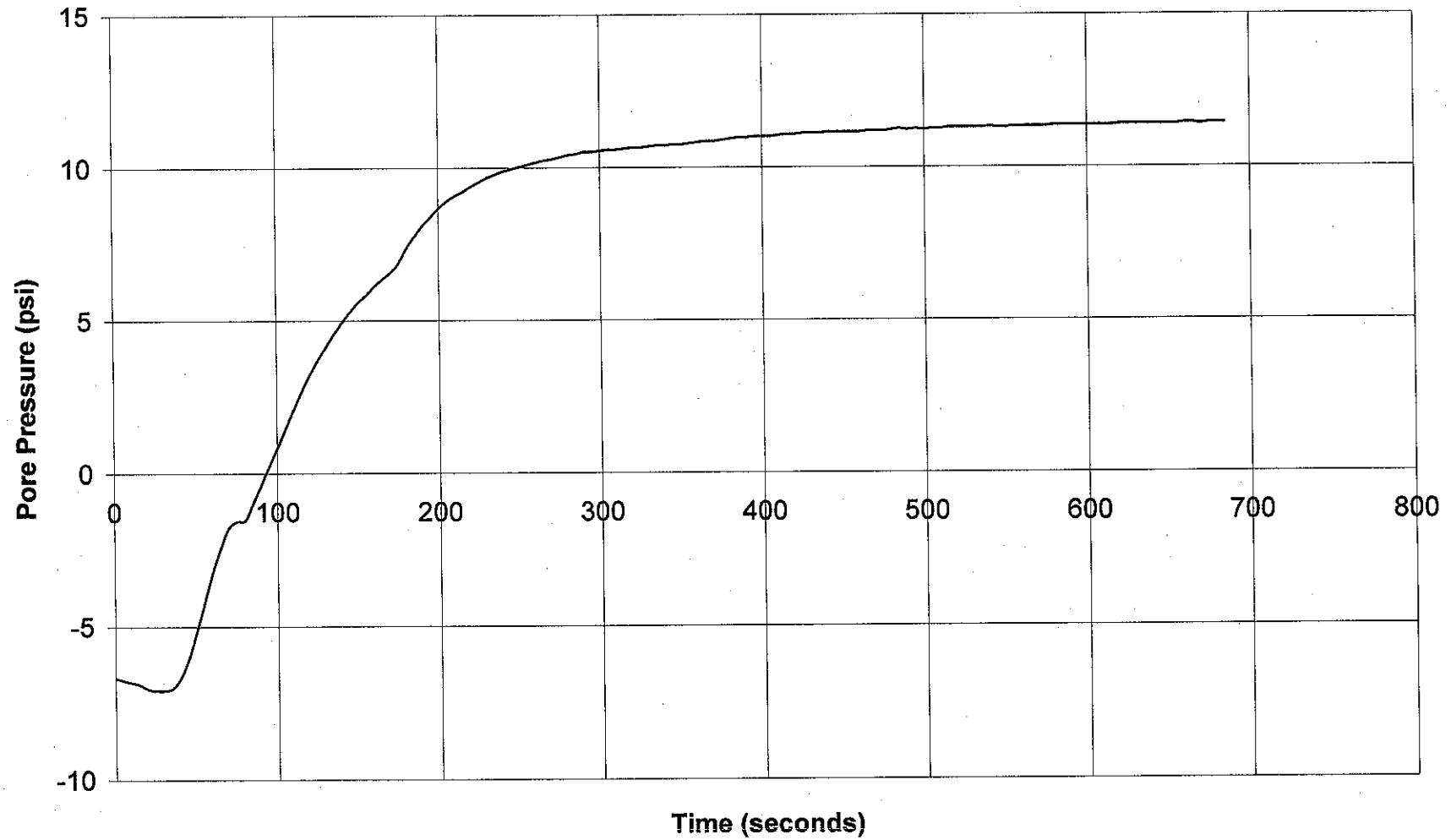




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-07
Depth: 75.459
Site: CP-07
Engineer: LISA

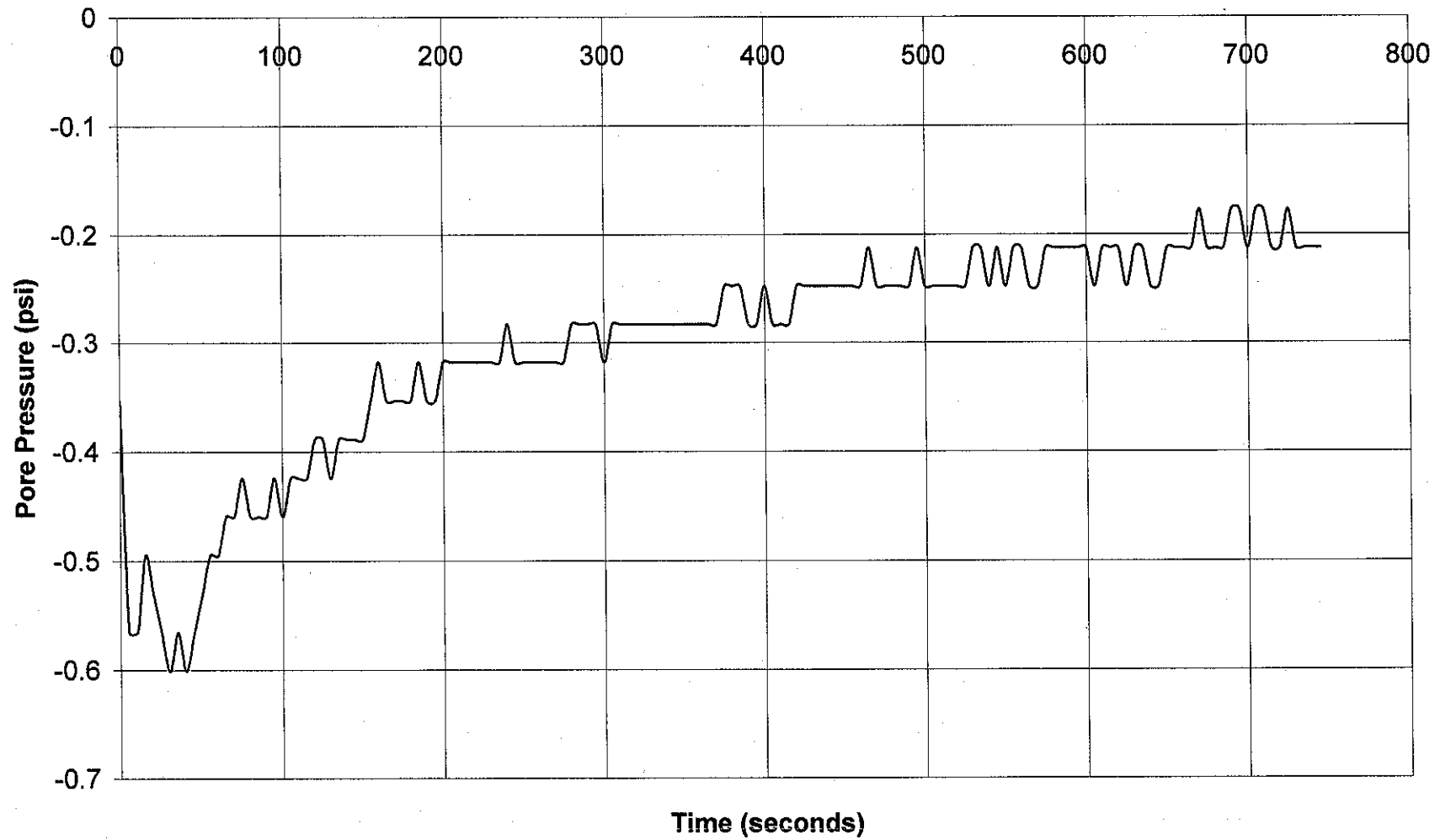




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-06
Depth: 15.092
Site: CP-06
Engineer: LISA

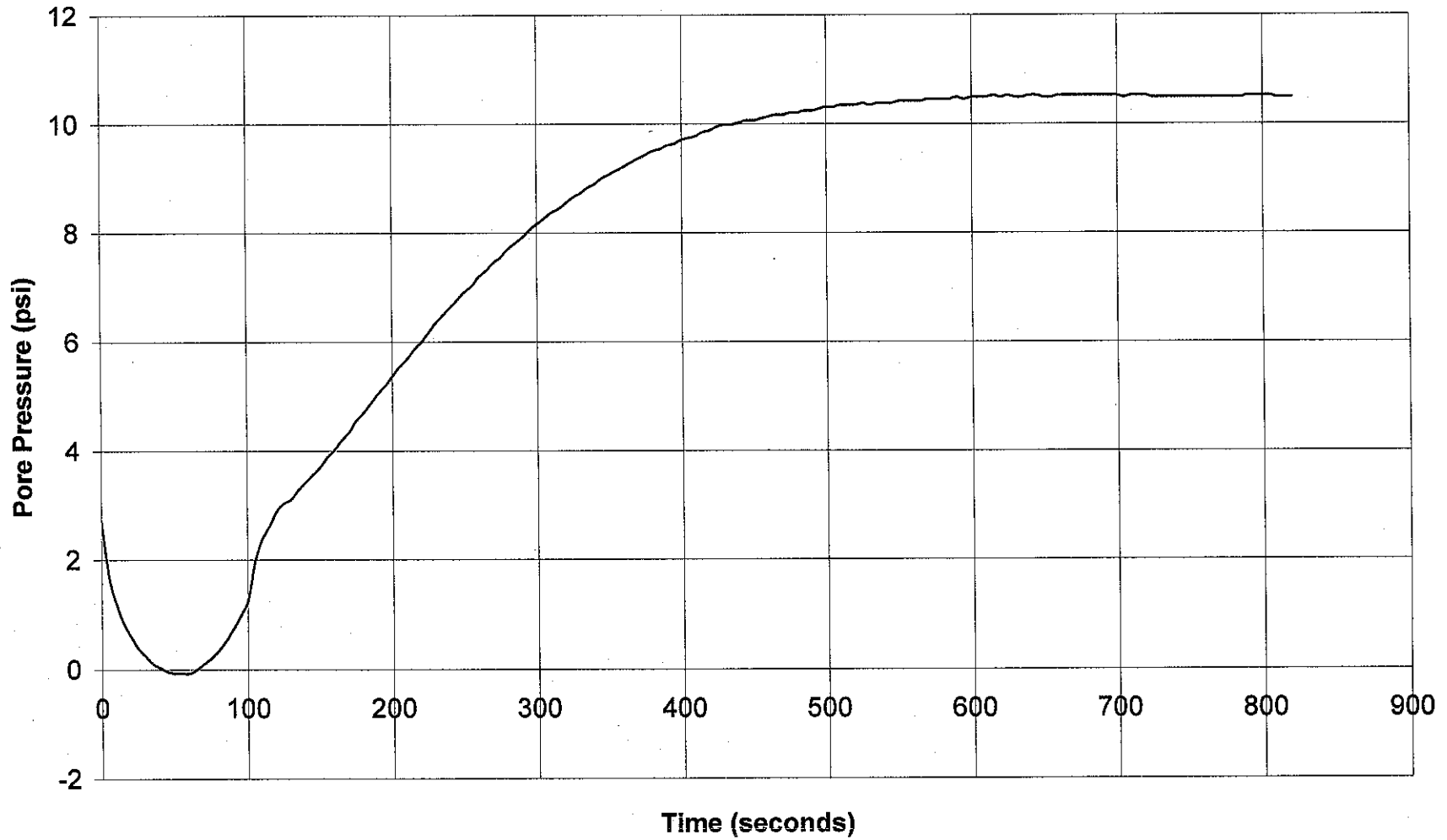




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-06
Depth: 71.85
Site: CP-06
Engineer: LISA

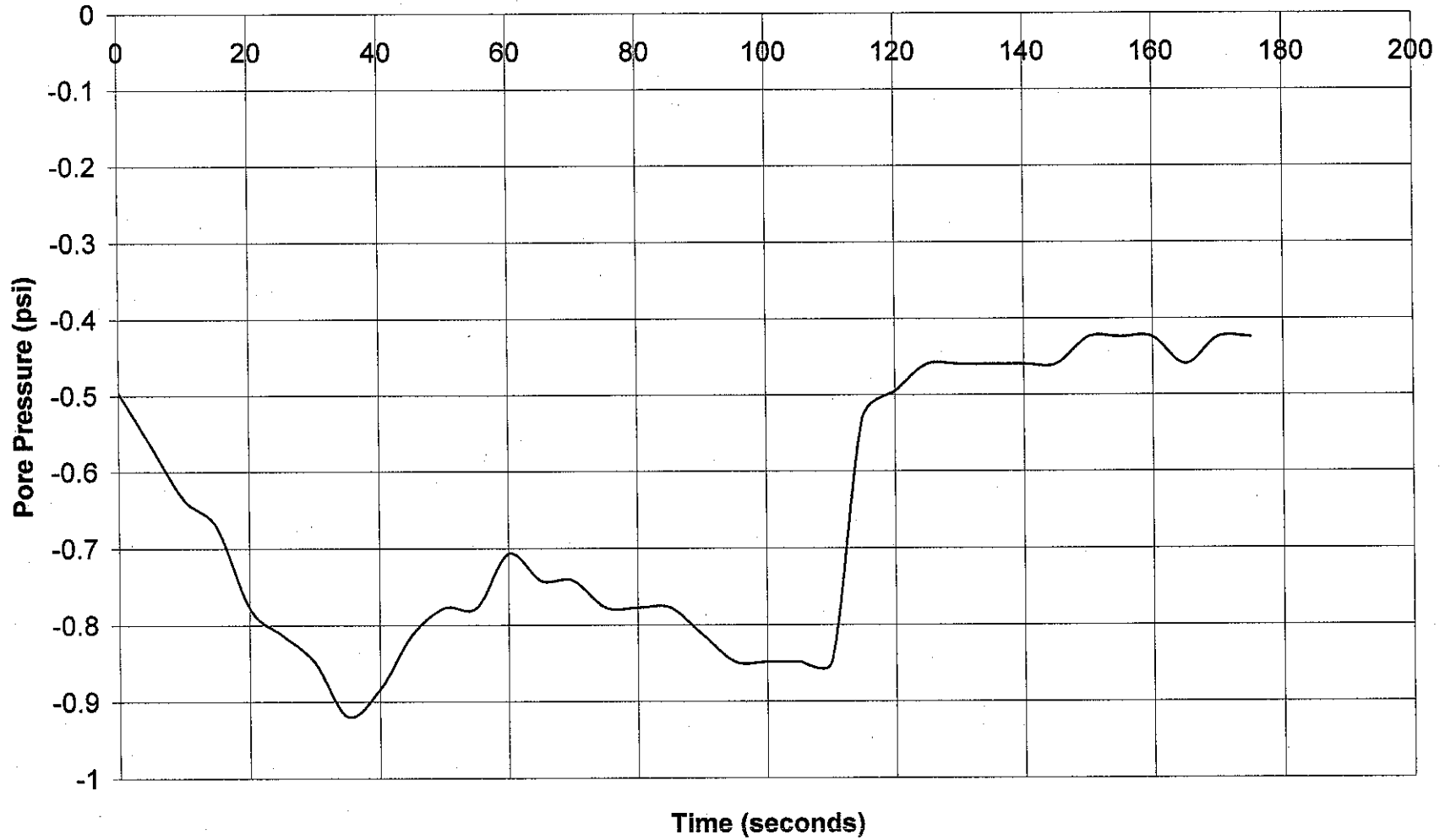




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-05
Depth: 27.723
Site: CP-05
Engineer: LISA

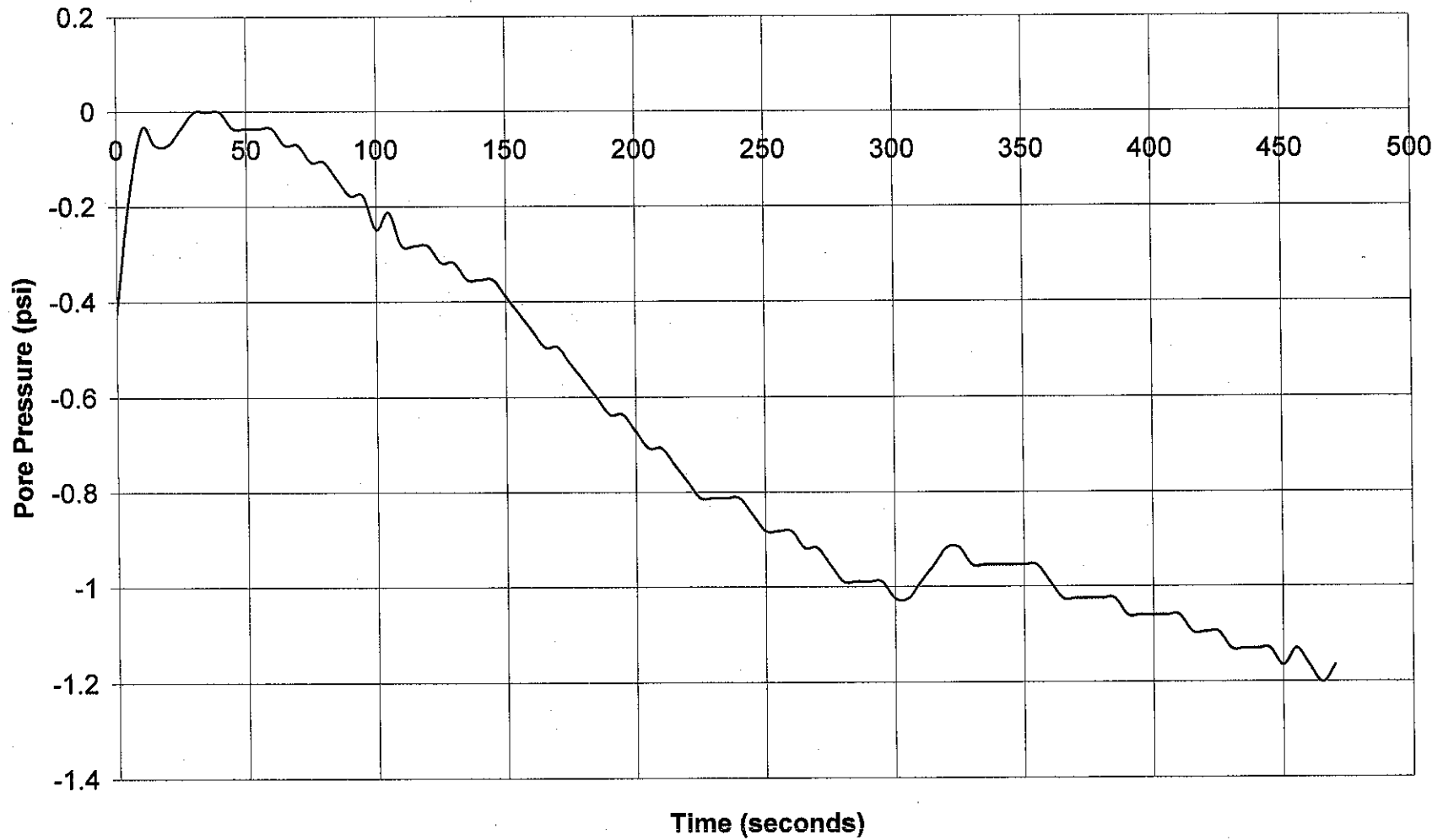




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-05
Depth: 63.156
Site: CP-05
Engineer: LISA

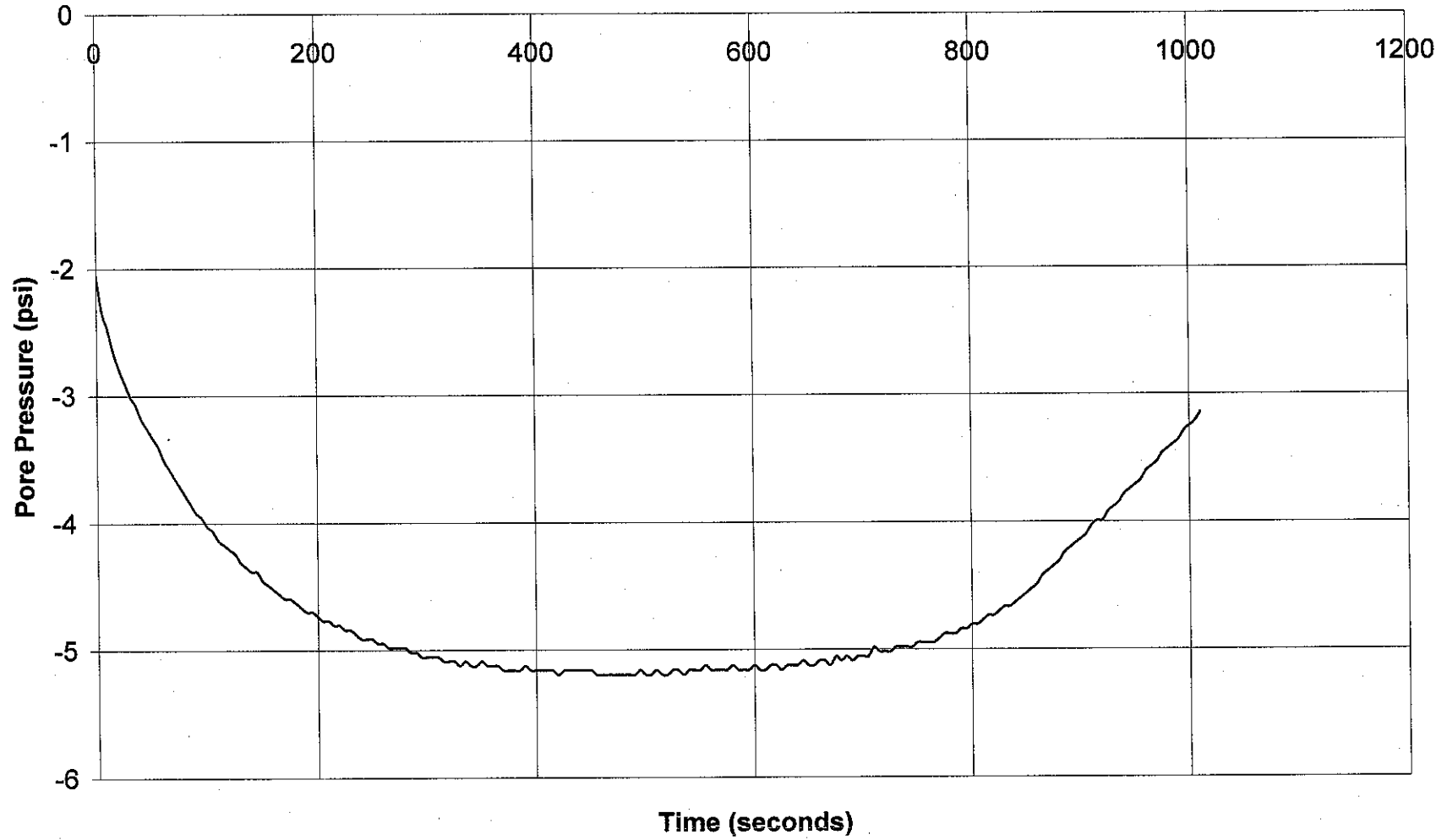




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-05
Depth: 81.693
Site: CP-05
Engineer: LISA

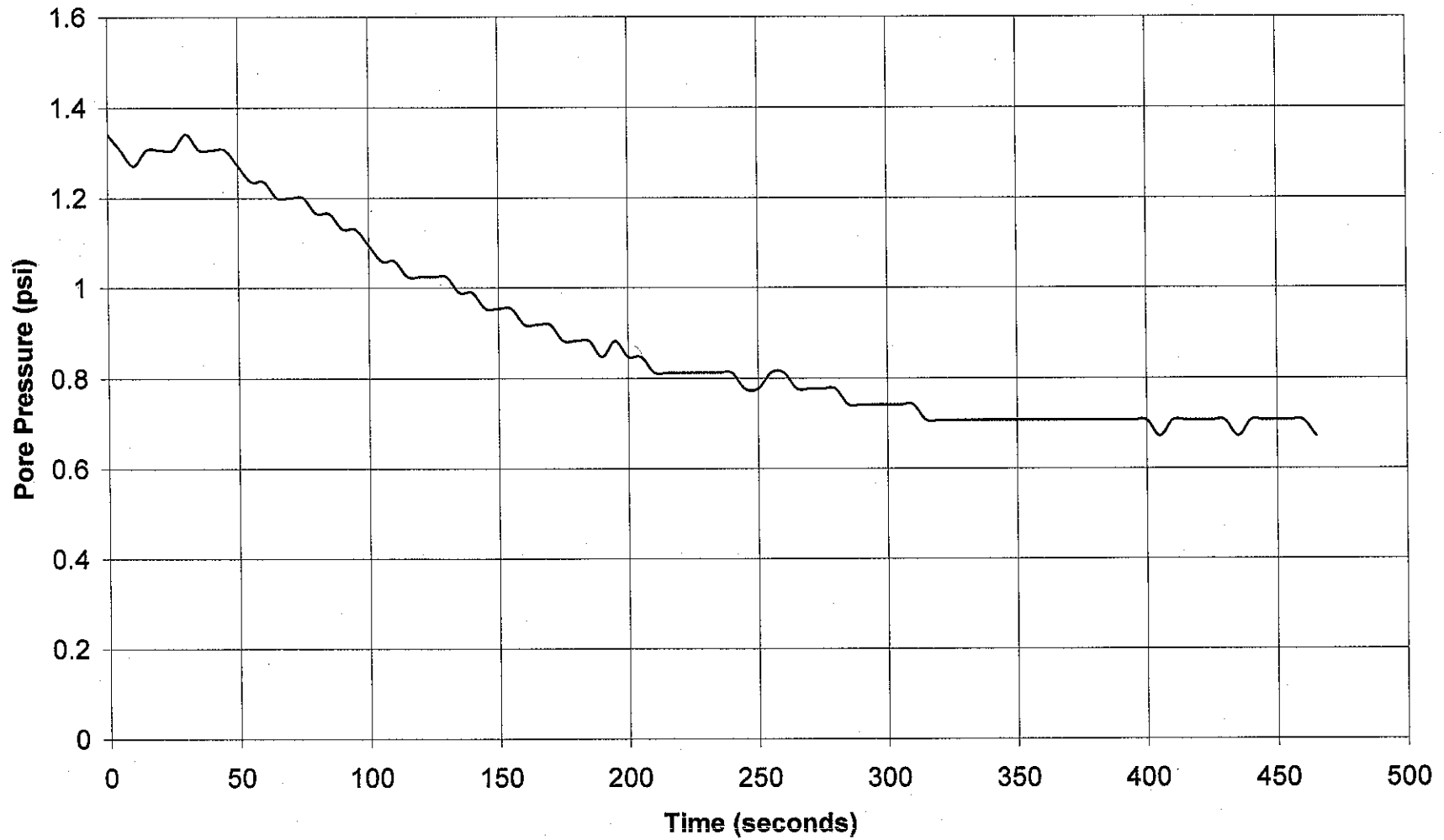




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-04
Depth: 30.512
Site: CP-04
Engineer: LISA

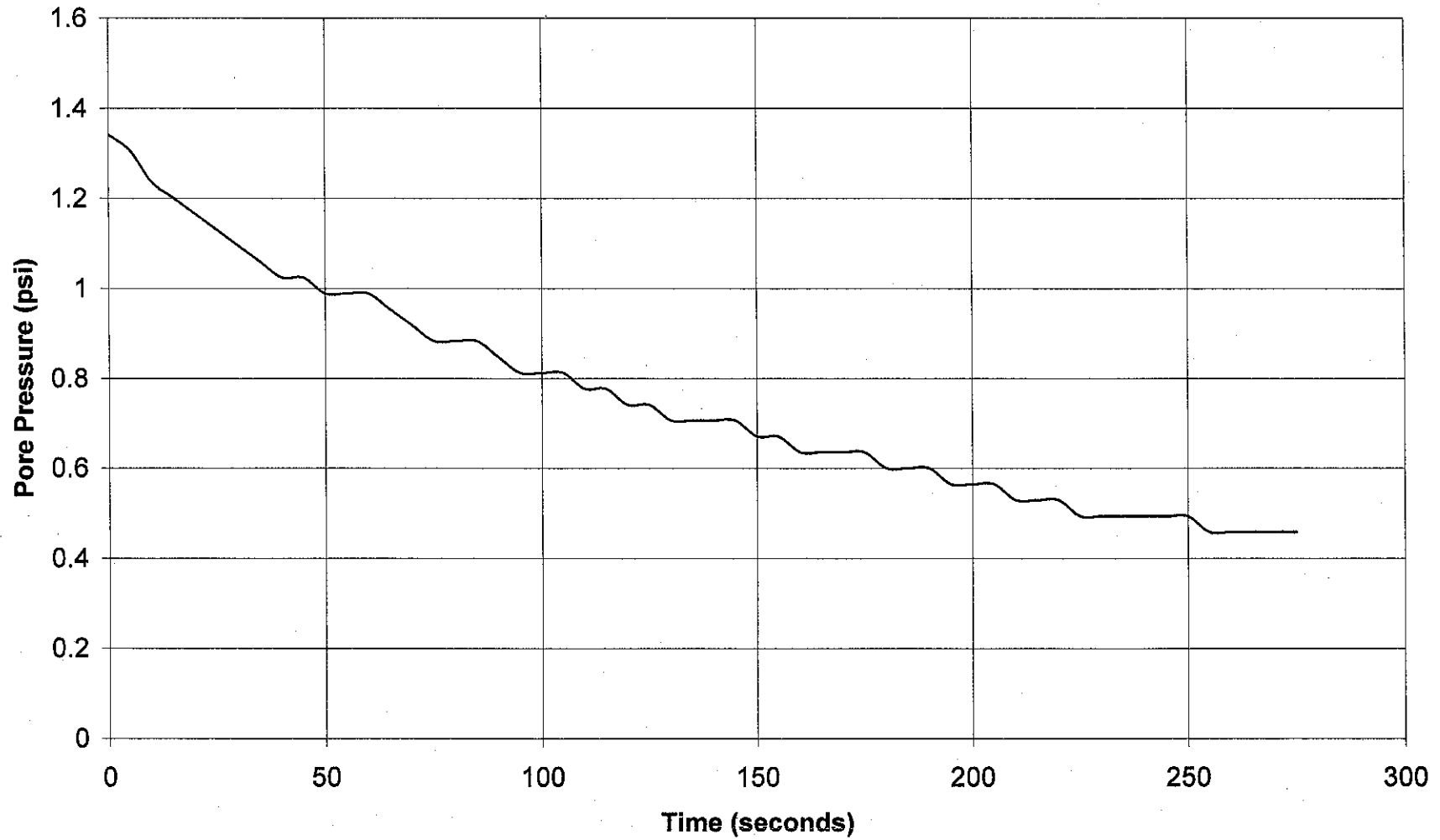




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-04
Depth: 44.783
Site: CP-04
Engineer: LISA

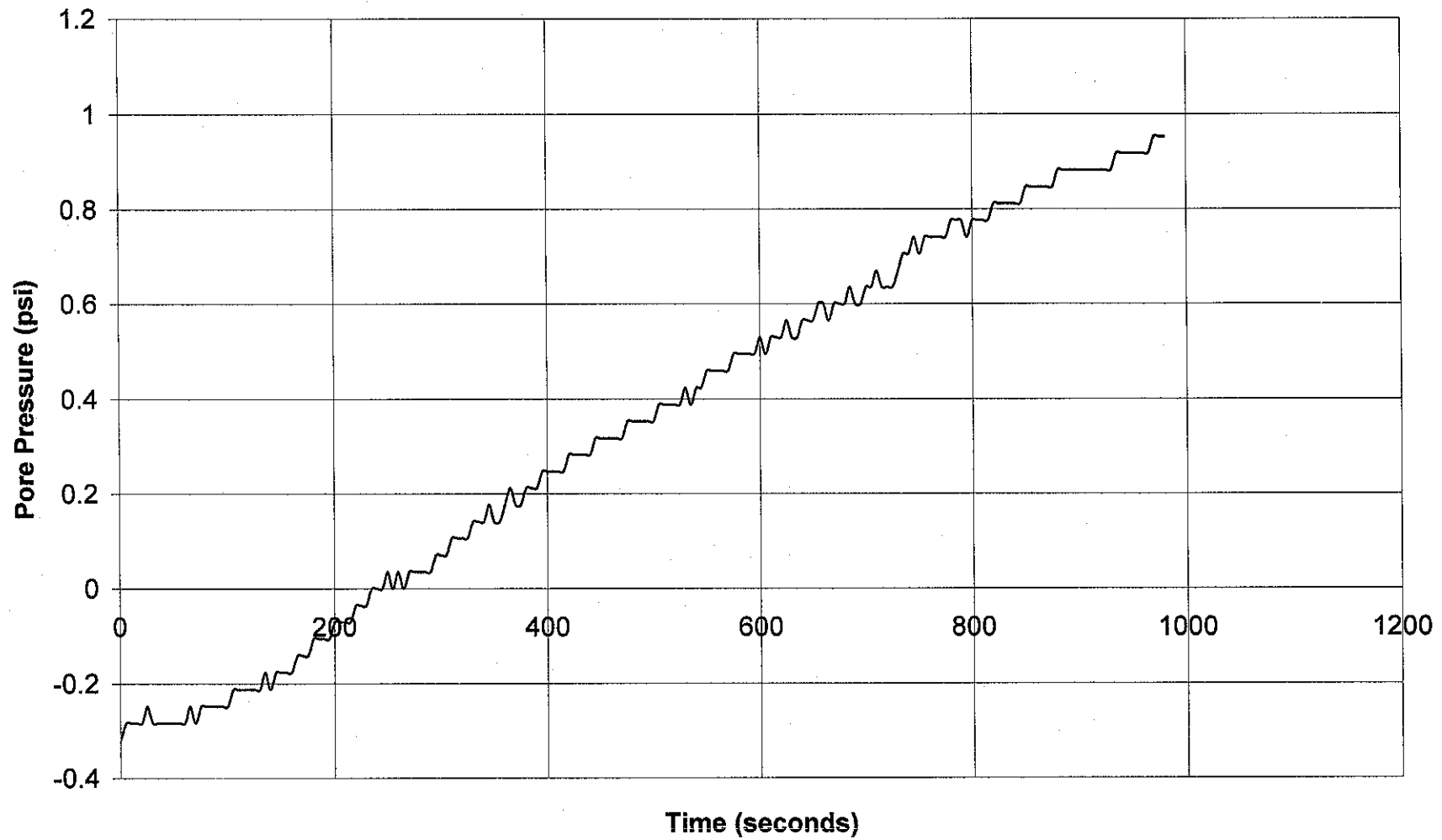




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-04
Depth: 51.837
Site: CP-04
Engineer: LISA

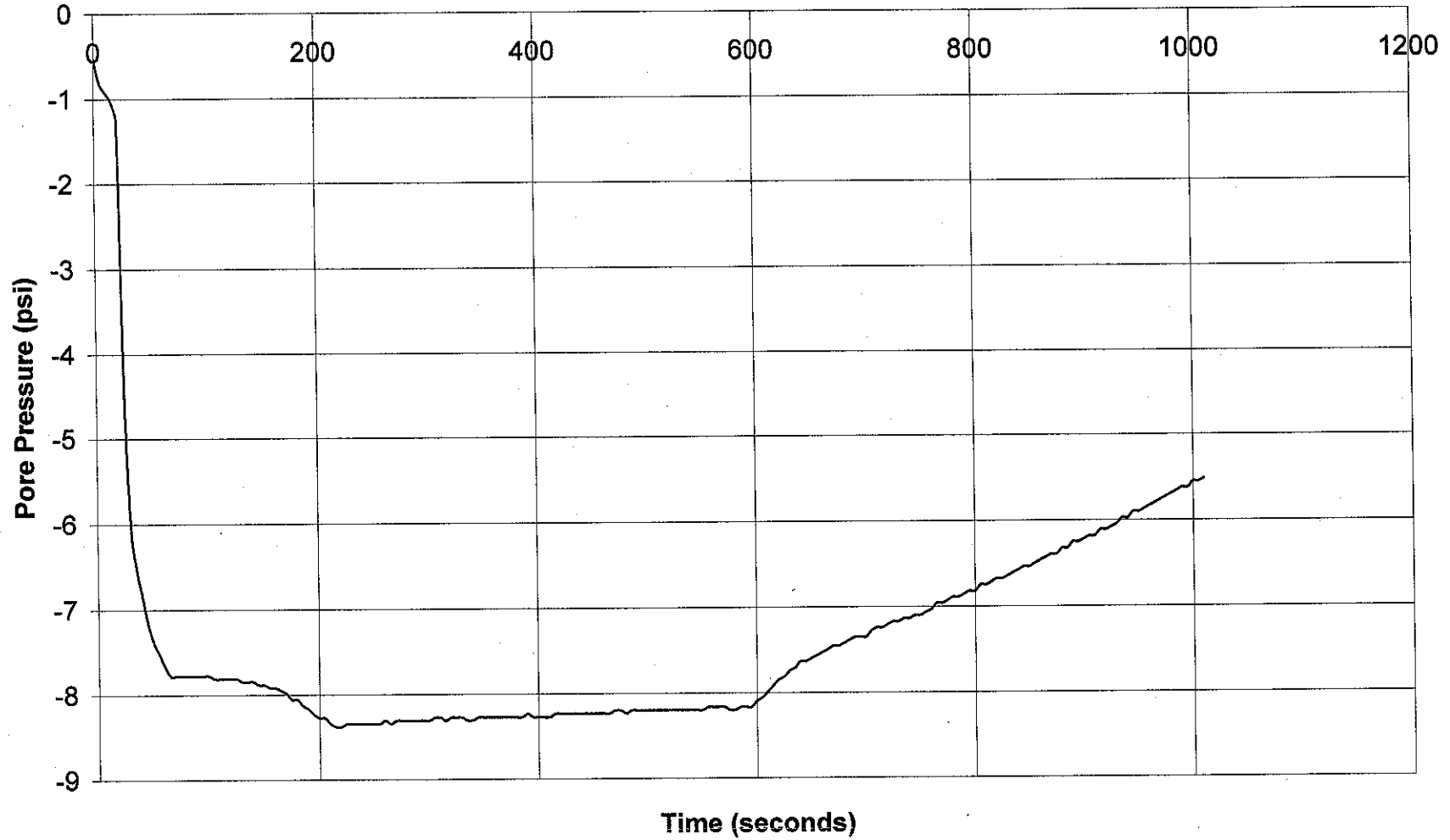




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-04
Depth: 63.156
Site: CP-04
Engineer: LISA

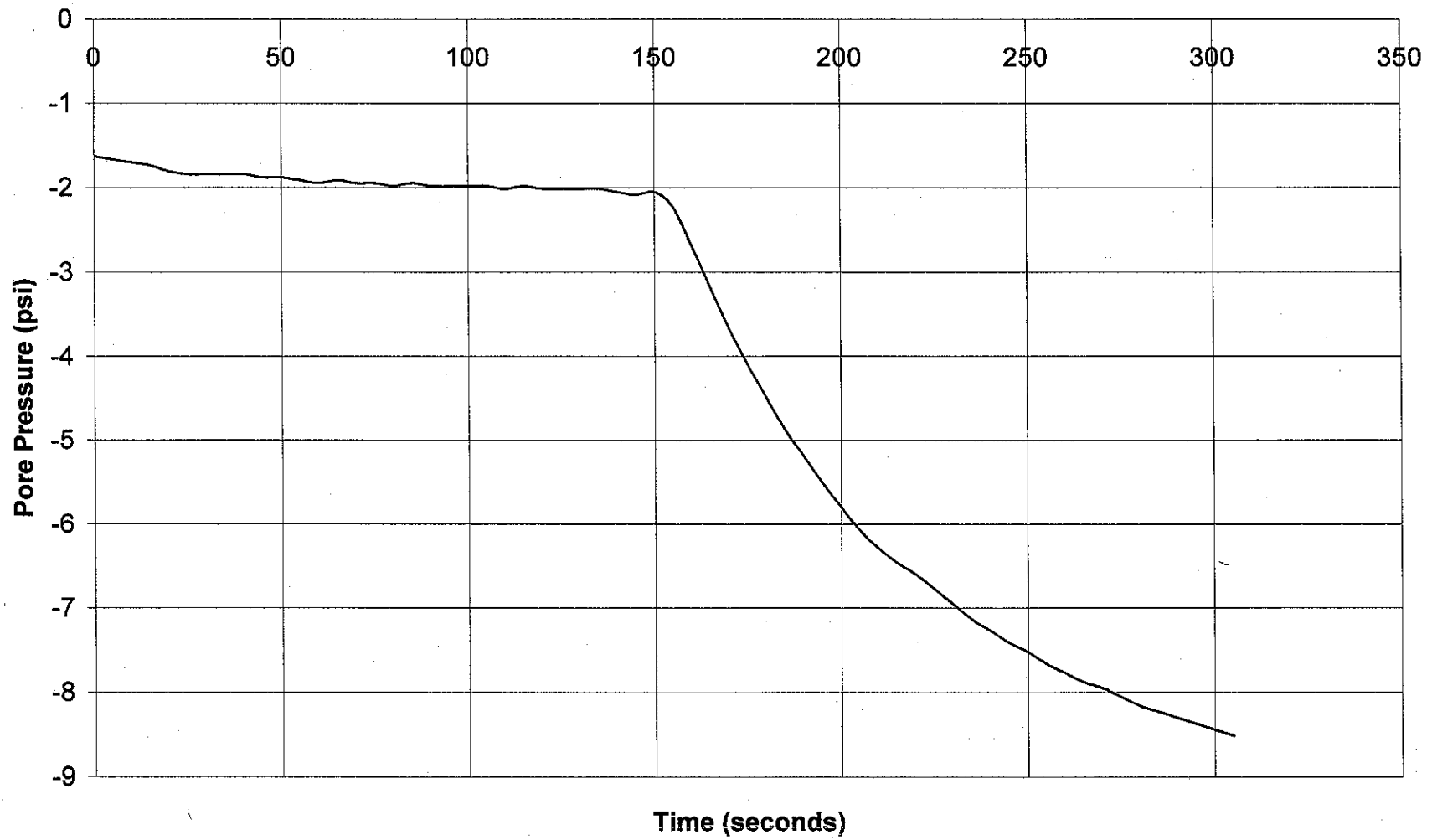




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-04
Depth: 85.958
Site: CP-04
Engineer: LISA





GREGG DRILLING & TESTING

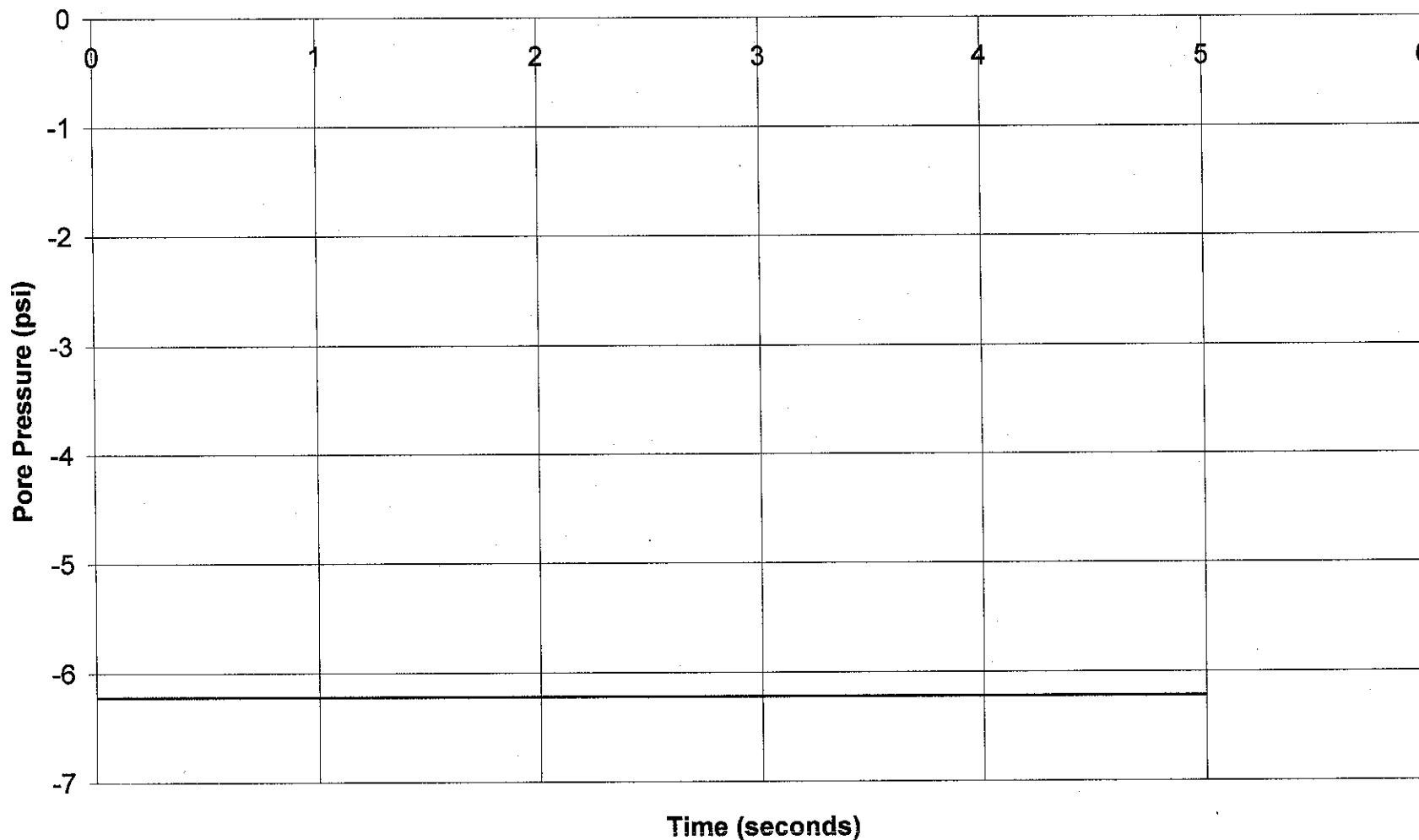
Pore Pressure Dissipation Test

Sounding: CP-04

Depth: 92.027

Site: CP-04

Engineer: LISA

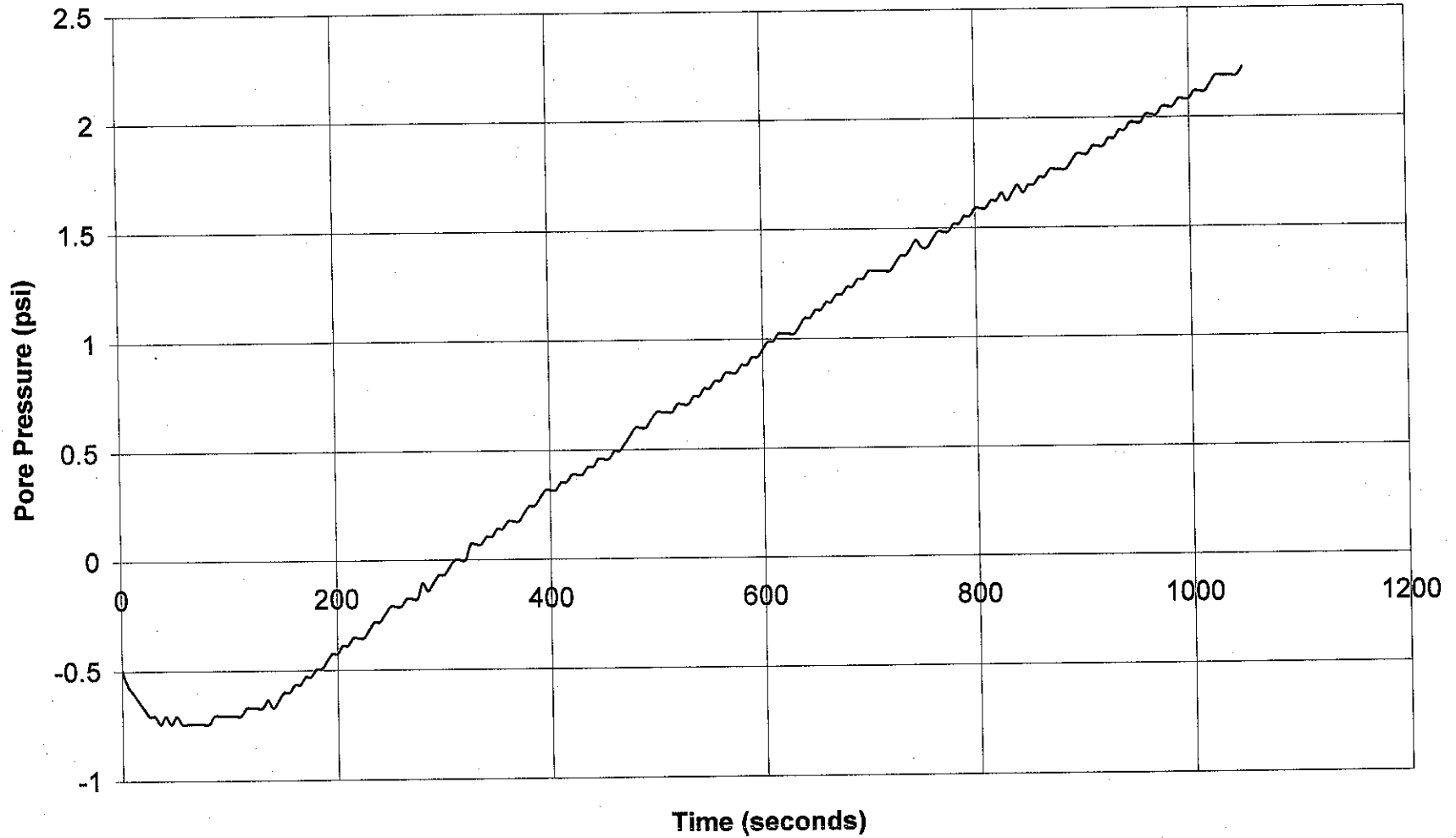




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-03
Depth: 89.567
Site: CP-03
Engineer: LISA

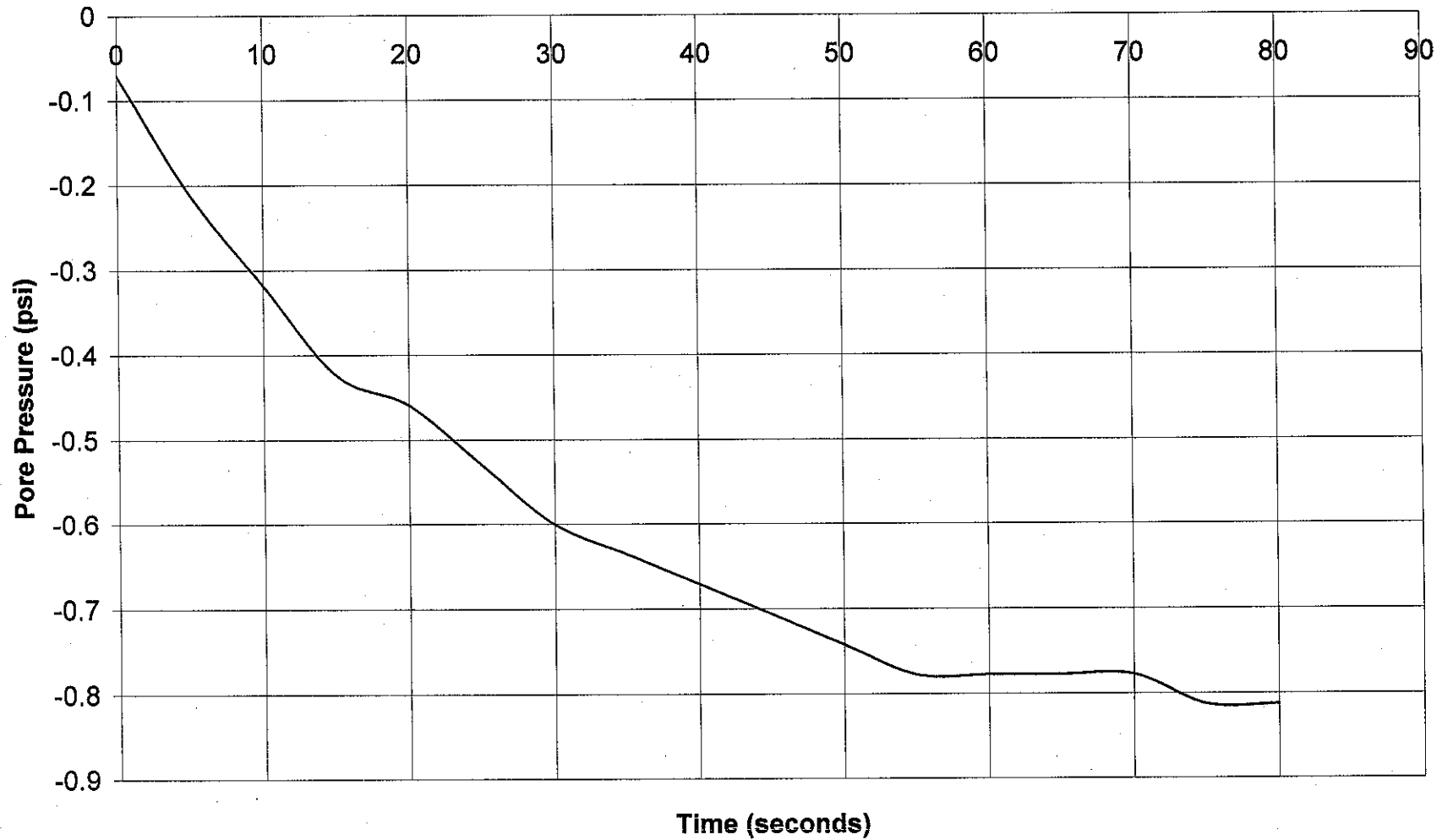




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-02
Depth: 31.332
Site: CP-02
Engineer: LISA

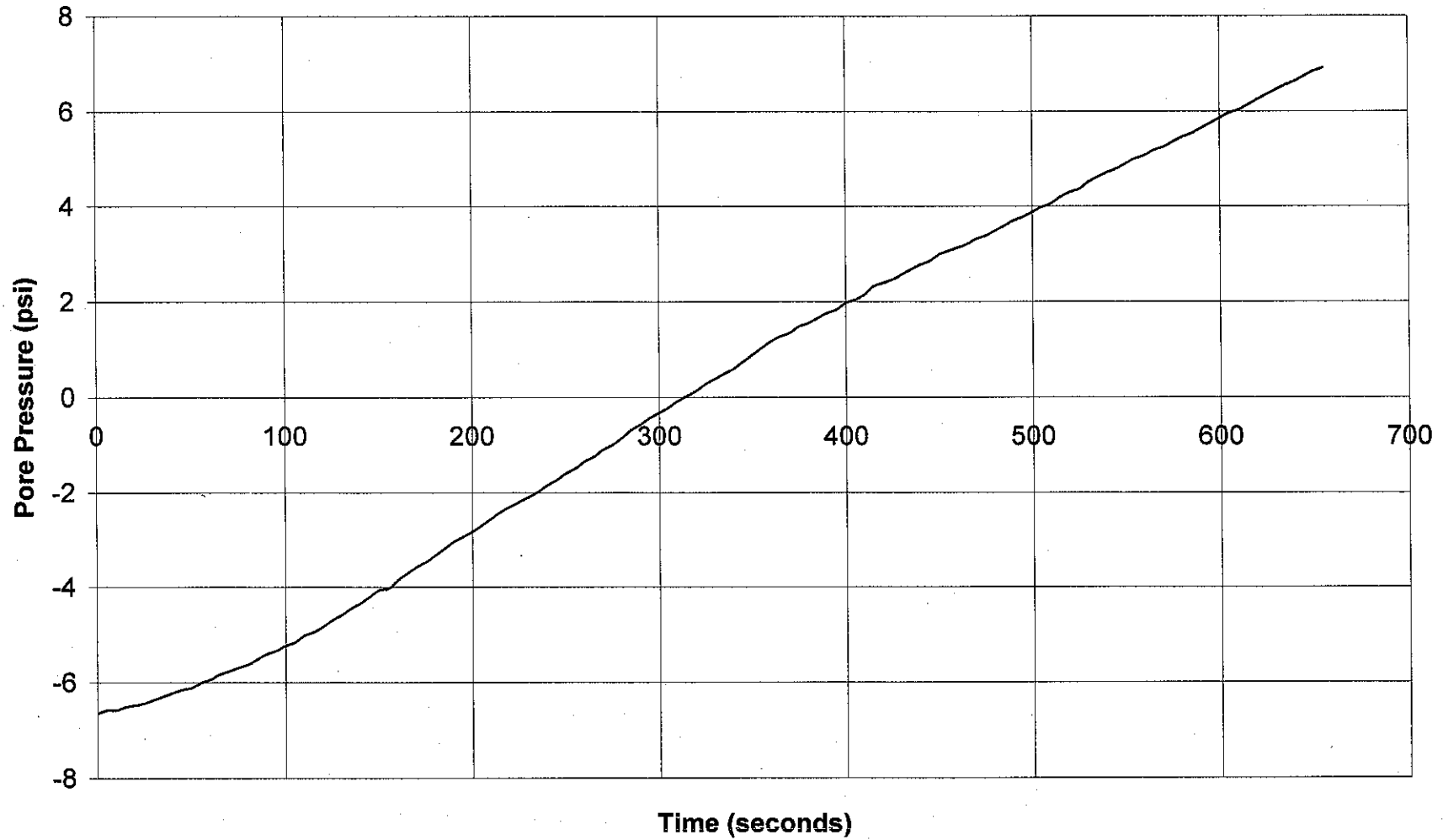




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CP-02
Depth: 58.891
Site: CP-02
Engineer: LISA

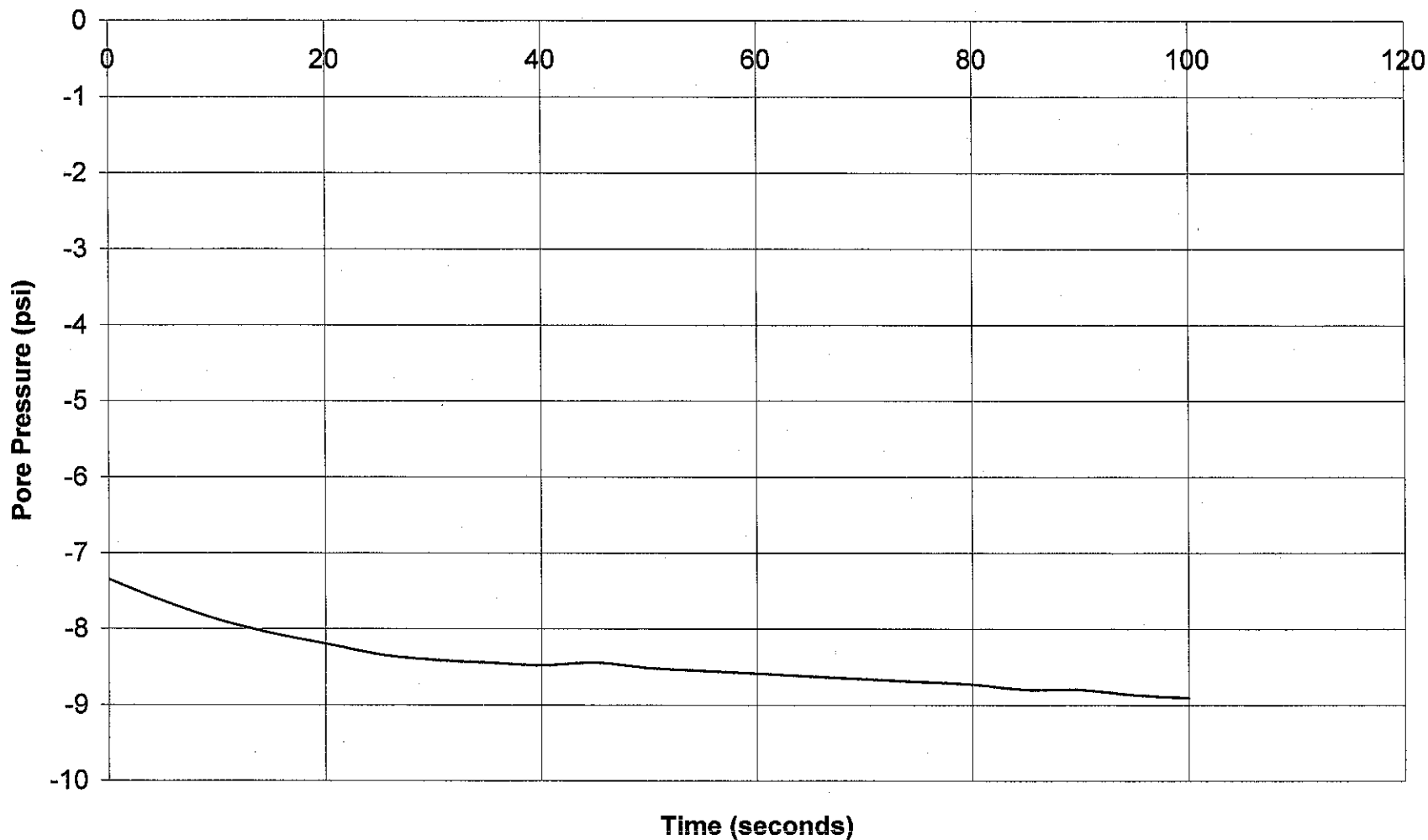




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CPT-01
Depth: 66.601
Site: CPT-01
Engineer: LISA

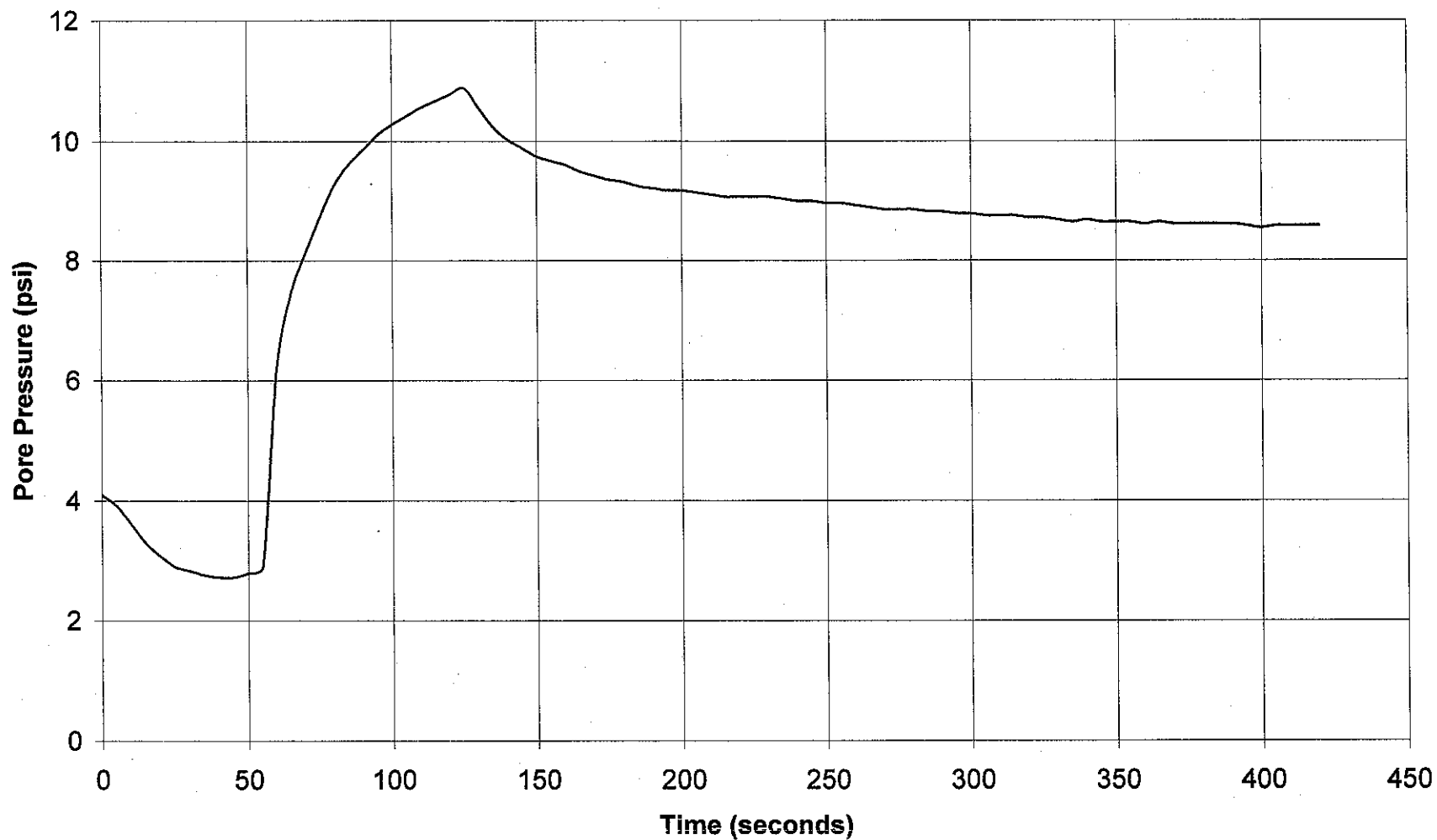




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: CPT-01
Depth: 79.396
Site: CPT-01
Engineer: LISA



APPENDIX CPT



Cone Penetration Testing Procedure (CPT)

Gregg Drilling carries out all Cone Penetration Tests (CPT) using an integrated electronic cone system, *Figure CPT*. The soundings were conducted using a 20 ton capacity cone with a tip area of 15 cm^2 and a friction sleeve area of 225 cm^2 . The cone is designed with an equal end area friction sleeve and a tip end area ratio of 0.80.

The cone takes measurements of cone bearing (q_c), sleeve friction (f_s) and penetration pore water pressure (u_2) at 5-cm intervals during penetration to provide a nearly continuous hydrogeologic log. CPT data reduction and interpretation is performed in real time facilitating on-site decision making. The above mentioned parameters are stored on disk for further analysis and reference. All CPT soundings are performed in accordance with revised (2002) ASTM standards (D 5778-95).

The cone also contains a porous filter element located directly behind the cone tip (u_2), *Figure CPT*. It consists of porous plastic and is 5.0mm thick. The filter element is used to obtain penetration pore pressure as the cone is advanced as well as Pore Pressure Dissipation Tests (PPDT's) during appropriate pauses in penetration. It should be noted that prior to penetration, the element is fully saturated with silicon oil under vacuum pressure to ensure accurate and fast dissipation.

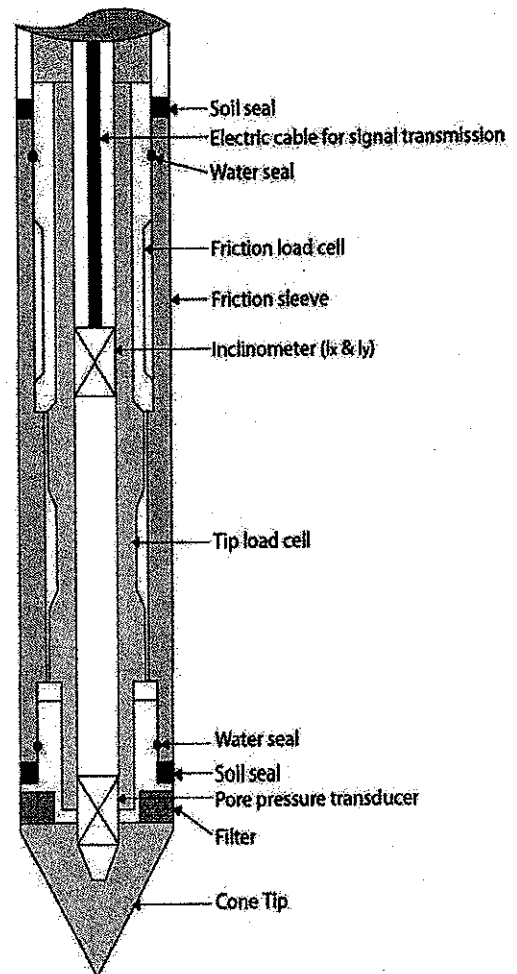


Figure CPT

When the soundings are complete, the test holes are grouted using a Gregg support rig. The grouting procedures generally consist of pushing a hollow CPT rod with a "knock out" plug to the termination depth of the test hole. Grout is then pumped under pressure as the tremie pipe is pulled from the hole. Disruption or further contamination to the site is therefore minimized.



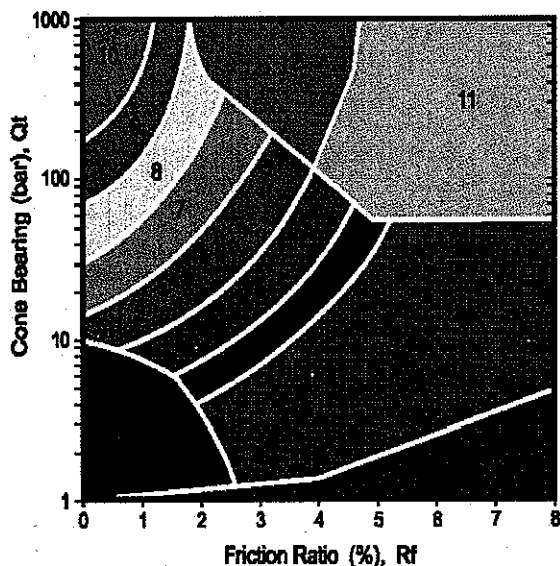
Cone Penetration Test Data & Interpretation

The Cone Penetration Test (CPT) data collected from your site are presented in graphical form in the attached report. The plots include interpreted Soil Behavior Type (SBT) based on the charts described by Robertson (1990). Typical plots display SBT based on the non-normalized charts of Robertson et al (1986). For CPT soundings extending greater than 50 feet, we recommend the use of the normalized charts of Robertson (1990) which can be displayed as SBT_n, upon request. The report also includes spreadsheet output of computer calculations of basic interpretation in terms of SBT and SBT_n and various geotechnical parameters using current published correlations based on the comprehensive review by Lunne, Robertson and Powell (1997), as well as recent updates by Professor Robertson. The interpretations are presented only as a guide for geotechnical use and should be carefully reviewed. Gregg Drilling & Testing Inc. do not warranty the correctness or the applicability of any of the geotechnical parameters interpreted by the software and do not assume any liability for any use of the results in any design or review. The user should be fully aware of the techniques and limitations of any method used in the software.

Some interpretation methods require input of the groundwater level to calculate vertical effective stress. An estimate of the in-situ groundwater level has been made based on field observations and/or CPT results, but should be verified by the user.

A summary of locations and depths is available in Table 1. Note that all penetration depths referenced in the data are with respect to the existing ground surface.

Note that it is not always possible to clearly identify a soil type based solely on q_b , f_s , and u_2 . In these situations, experience, judgment, and an assessment of the pore pressure dissipation data should be used to infer the correct soil behavior type.



(After Robertson, et al., 1986)

ZONE	SBT
1	Sensitive, fine grained
2	Organic materials
3	Clay
4	Silty clay to clay
5	Clayey silt to silty clay
6	Sandy silt to clayey silt
7	Silty sand to sandy silt
8	Sand to silty sand
9	Sand
10	Gravelly sand to sand
11	Very stiff fine grained*
12	Sand to clayey sand*

*over consolidated or cemented

Figure SBT



Cone Penetration Test (CPT) Interpretation

Gregg has recently updated their CPT interpretation and plotting software (2007). The software takes the CPT data and performs basic interpretation in terms of soil behavior type (SBT) and various geotechnical parameters using current published empirical correlations based on the comprehensive review by Lunne, Robertson and Powell (1997). The interpretation is presented in tabular format using MS Excel. The interpretations are presented only as a guide for geotechnical use and should be carefully reviewed. Gregg does not warranty the correctness or the applicability of any of the geotechnical parameters interpreted by the software and does not assume any liability for any use of the results in any design or review. The user should be fully aware of the techniques and limitations of any method used in the software.

The following provides a summary of the methods used for the interpretation. Many of the empirical correlations to estimate geotechnical parameters have constants that have a range of values depending on soil type, geologic origin and other factors. The software uses 'default' values that have been selected to provide, in general, conservatively low estimates of the various geotechnical parameters.

Input:

- 1 Units for display (Imperial or metric) (atm. pressure, $pa = 0.96$ tsf or 0.1 MPa)
- 2 Depth interval to average results, (ft or m). Data are collected at either 0.02 or 0.05 m and can be averaged every 1, 3 or 5 intervals.
- 3 Elevation of ground surface (ft or m)
- 4 Depth to water table, z_w (ft or m) – input required
- 5 Net area ratio for cone, a (default to 0.80)
- 6 Relative Density constant, C_{Dr} (default to 350)
- 7 Young's modulus number for sands, α (default to 5)
- 8 Small strain shear modulus number
 - a. for sands, S_G (default to 180 for SBT_n 5, 6, 7)
 - b. for clays, C_G (default to 50 for SBT_n 1, 2, 3 & 4)
- 9 Undrained shear strength cone factor for clays, N_{kt} (default to 15)
- 10 Over Consolidation ratio number, k_{ocr} (default to 0.3)
- 11 Unit weight of water, (default to $\gamma_w = 62.4$ lb/ft³ or 9.81 kN/m³)

Column

- 1 Depth, z , (m) – CPT data is collected in meters
- 2 Depth (ft)
- 3 Cone resistance, q_c (tsf or MPa)
- 4 Sleeve friction, f_s (tsf or MPa)
- 5 Penetration pore pressure, u (psi or MPa), measured behind the cone (i.e. u_2)
- 6 Other – any additional data, if collected, e.g. electrical resistivity or UVIF
- 7 Total cone resistance, q_t (tsf or MPa) $q_t = q_c + u(1-a)$

- 6 Estimated permeability, k_{SBT} (based on Normalized SBT_n)
(Lunne et al., 1997 and table below)
- 7 Equivalent SPT N_{60} , blows/ft Lunne et al. (1997)
- $$\frac{(q_t/p_a)}{N_{60}} = 8.5 \left(1 - \frac{I_c}{4.6} \right)$$
- 8 Equivalent SPT $(N_1)_{60}$ blows/ft $(N_1)_{60} = N_{60} C_N$
where $C_N = (p_a/\sigma'_{vo})^{0.5}$
- 9 Relative Density, D_r , (%) $D_r^2 = Q_{tn} / C_{Dr}$
Only SBT_n 5, 6, 7 & 8 Show 'N/A' in zones 1, 2, 3, 4 & 9
- 10 Friction Angle, ϕ' , (degrees) $\tan \phi' = \frac{1}{2.68} \left[\log \left(\frac{q_c}{\sigma'_{vo}} \right) + 0.29 \right]$
Only SBT_n 5, 6, 7 & 8 Show 'N/A' in zones 1, 2, 3, 4 & 9
- 11 Young's modulus, E_s $E_s = \alpha q_t$
Only SBT_n 5, 6, 7 & 8 Show 'N/A' in zones 1, 2, 3, 4 & 9
- 12 Small strain shear modulus, G_o
a. $G_o = S_G (q_t \sigma'_{vo} p_a)^{1/3}$ For SBT_n 5, 6, 7
b. $G_o = C_G q_t$ For SBT_n 1, 2, 3 & 4
Show 'N/A' in zones 8 & 9
- 13 Undrained shear strength, s_u $s_u = (q_t - \sigma_{vo}) / N_{kt}$
Only SBT_n 1, 2, 3, 4 & 9 Show 'N/A' in zones 5, 6, 7 & 8
- 14 Over Consolidation ratio, OCR $\text{OCR} = k_{\text{OCR}} Q_{t1}$
Only SBT_n 1, 2, 3, 4 & 9 Show 'N/A' in zones 5, 6, 7 & 8

SBT Zones

SBT_n Zones

The following updated and simplified SBT descriptions have been used in the software:

1	sensitive fine grained	1	sensitive fine grained
2	organic soil	2	organic soil
3	clay	3	clay
4	clay & silty clay	4	clay & silty clay
5	clay & silty clay		
6	sandy silt & clayey silt		
7	silty sand & sandy silt	5	silty sand & sandy silt
8	sand & silty sand	6	sand & silty sand
9	sand		
10	sand	7	sand

11	very dense/stiff soil*	8	very dense/stiff soil*
12	very dense/stiff soil*	9	very dense/stiff soil*

*heavily overconsolidated and/or cemented

Track when soils fall with zones of same description and print that description (i.e. if soils fall only within SBT zones 4 & 5, print 'clays & silty clays')

Estimated Permeability (see Lunne et al., 1997)

SBT _n	Permeability (ft/sec)	(m/sec)
1	3x 10 ⁻⁸	1x 10 ⁻⁸
2	3x 10 ⁻⁷	1x 10 ⁻⁷
3	1x 10 ⁻⁹	3x 10 ⁻¹⁰
4	3x 10 ⁻⁸	1x 10 ⁻⁸
5	3x 10 ⁻⁶	1x 10 ⁻⁶
6	3x 10 ⁻⁴	1x 10 ⁻⁴
7	3x 10 ⁻²	1x 10 ⁻²
8	3x 10 ⁻⁶	1x 10 ⁻⁶
9	1x 10 ⁻⁸	3x 10 ⁻⁹

Estimated Unit Weight (see Lunne et al., 1997)

SBT	Approximate Unit Weight (lb/ft ³)	(kN/m ³)
1	111.4	17.5
2	79.6	12.5
3	111.4	17.5
4	114.6	18.0
5	114.6	18.0
6	114.6	18.0
7	117.8	18.5
8	120.9	19.0
9	124.1	19.5
10	127.3	20.0
11	130.5	20.5
12	120.9	19.0

APPENDIX PPDT



Pore Pressure Dissipation Tests (PPDT)

Pore Pressure Dissipation Tests (PPDT's) conducted at various intervals measured hydrostatic water pressures and determined the approximate depth of the ground water table. A PPDT is conducted when the cone is halted at specific intervals determined by the field representative. The variation of the penetration pore pressure (u) with time is measured behind the tip of the cone and recorded by a computer system.

Pore pressure dissipation data can be interpreted to provide estimates of:

- Equilibrium piezometric pressure
- Phreatic Surface
- In situ horizontal coefficient of consolidation (c_h)
- In situ horizontal coefficient of permeability (k_h)

In order to correctly interpret the equilibrium piezometric pressure and/or the phreatic surface, the pore pressure must be monitored until such time as there is no variation in pore pressure with time, *Figure PPDT*. This time is commonly referred to as t_{100} , the point at which 100% of the excess pore pressure has dissipated.

A complete reference on pore pressure dissipation tests is presented by Robertson et al. 1992.

A summary of the pore pressure dissipation tests is summarized in Table 1.

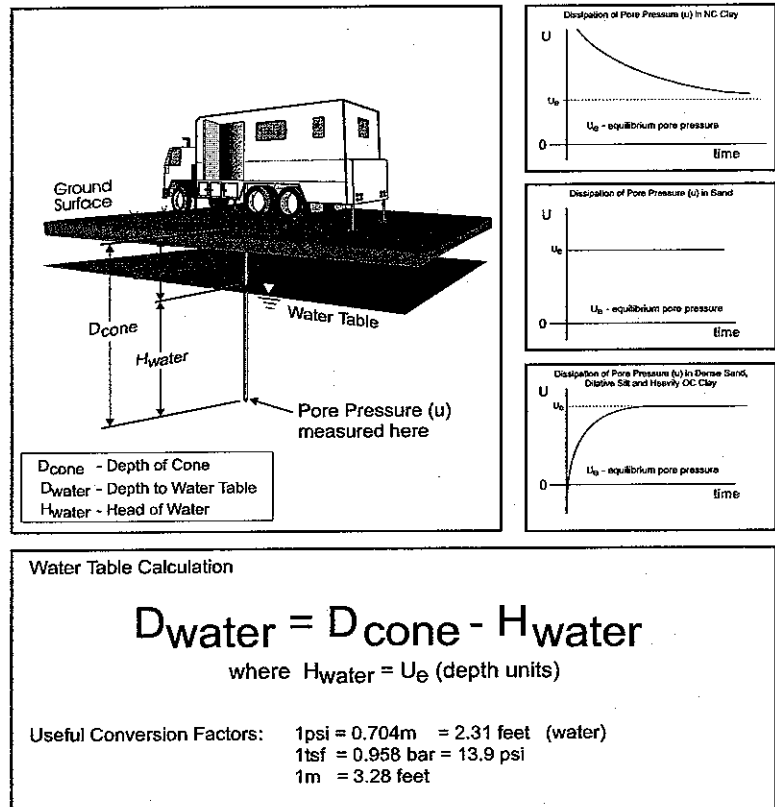


Figure PPDT

APPENDIX GWS



Groundwater Sampling (GWS)

Gregg Drilling conducts groundwater sampling using a Hydropunch® type groundwater sampler, *Figure GWS*. The groundwater sampler has a retrievable stainless steel or disposable PVC screen with steel drop off tip. This allows for samples to be taken at multiple depth intervals within the same sounding location. In areas of slower water recharge, provisions may be made to set temporary PVC well screens during sampling to allow the drill rig to advance to the next sample location while the groundwater is allowed to infiltrate.

The groundwater sampler operates by advancing 1 3/4 inch hollow push rods with the filter tip in a closed configuration to the base of the desired sampling interval. Once at the desired sample depth, the push rods are retracted; exposing the encased filter screen and allowing groundwater to infiltrate hydrostatically from the formation into the inlet screen. A small diameter bailer (approximately 1/2 or 3/4 inch) is lowered through the push rods into the screen section for sample collection. The number of downhole trips with the bailer and time necessary to complete the sample collection at each depth interval is a function of sampling protocols, volume requirements, and the yield characteristics and storage capacity of the formation. Upon completion of sample collection, the push rods and sampler, with the exception of the PVC screen and steel drop off tip are retrieved to the ground surface, decontaminated and prepared for the next sampling event.

A summary of the groundwater samples collected, including the sampling date, depth and location identification, is presented in Table 1 and the corresponding CPT plot.

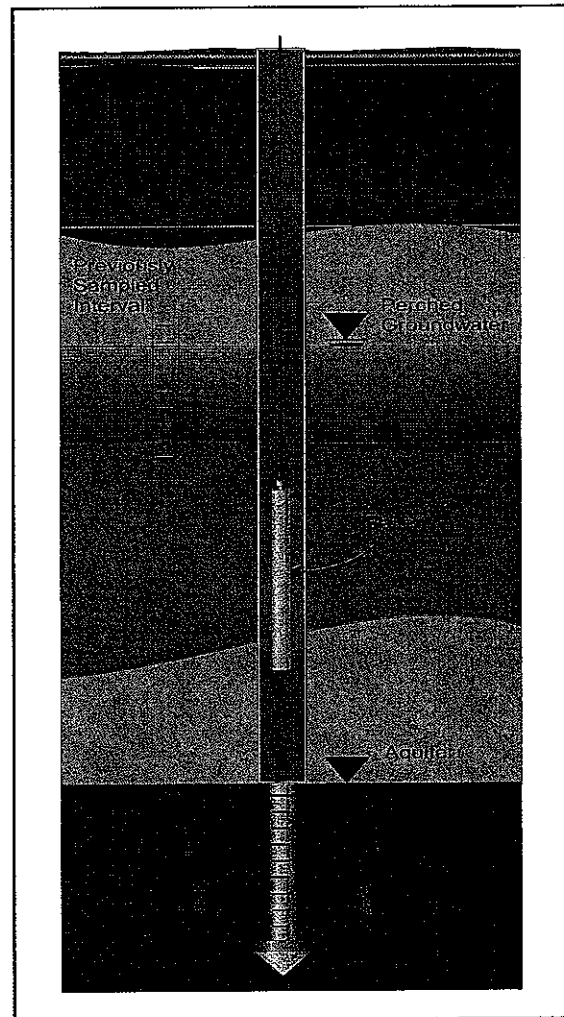


Figure GWS

For a detailed reference on direct push groundwater sampling, refer to Zemo et. al., 1992.

APPENDIX SS



Soil Sampling (SS)

Gregg Drilling uses a piston-type sampler to obtain relatively undisturbed soil samples without generating any soil cuttings, *Figure SS*. Two different types of samplers (12 and 18 inch) are used depending on the soil type and density. The soil sampler is initially pushed in a "closed" position to the desired sampling interval using a hydraulic rig. Keeping the sampler closed minimizes the potential of cross contamination caused by sloughing. The inner tip of the sampler is then retracted 12 inches (or 18 inches if using the longer sampler) leaving a hollow soil sampler with two inner 1¼ inch diameter by 6 inch or four 3 inch long soil sample tubes. If using the 18 inch sampler, two 1½ inch diameter by 6 inch long tubes will be exposed. The hollow sampler is then pushed in a locked "open" position to collect a soil sample. The filled sampler and push rods are then retrieved to the ground surface. Because the soil enters the sampler at a constant rate, the opportunity for 100% recovery is increased. For environmental analysis, the soil sample tube ends are sealed with Teflon and plastic caps. Often, a longer "split tube" can be used for geotechnical sampling.

For a detailed reference on direct push soil sampling, refer to Robertson et al, 1998.

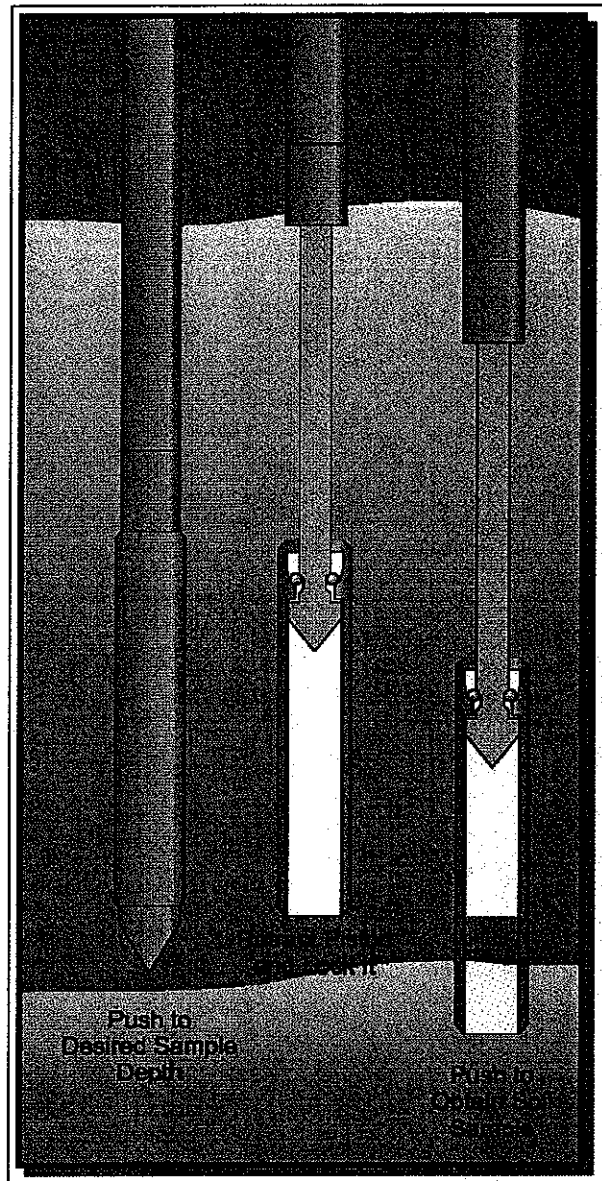


Figure SS

A summary of the soil samples collected, including the sampling date, depth and location identification, is presented in Table 1.



GREGG DRILLING & TESTING, INC.

GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATION SERVICES

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Copies of ASTM Standards are available through www.astm.org

8	Friction Ratio, R_f (%)	$R_f = (f_s/q_t) \times 100\%$
9	Soil Behavior Type (non-normalized), SBT	see note
10	Unit weight, γ (pcf or kN/m^3)	based on SBT, see note
11	Total overburden stress, σ_v (tsf)	$\sigma_{vo} = \gamma z$
12	Insitu pore pressure, u_o (tsf)	$u_o = \gamma_w (z - z_w)$
13	Effective overburden stress, σ'_{vo} (tsf)	$\sigma'_{vo} = \sigma_{vo} - u_o$
14	Normalized cone resistance, Q_{tn}	$Q_{tn} = (q_t - \sigma_{vo}) / \sigma'_{vo}$
15	Normalized friction ratio, F_r (%)	$F_r = f_s / (q_t - \sigma_{vo}) \times 100\%$
16	Normalized Pore Pressure ratio, B_q	$B_q = u - u_o / (q_t - \sigma_{vo})$
17	Soil Behavior Type (normalized), SBT_n	see note
18	SBT_n Index, I_c	see note
19	Normalized Cone resistance, Q_{tn} (n varies with I_c)	see note
20	Estimated permeability, k_{SBT} (cm/sec or ft/sec)	see note
21	Equivalent SPT N_{60} , blows/ft	see note
22	Equivalent SPT $(N_1)_{60}$ blows/ft	see note
23	Estimated Relative Density, D_r , (%)	see note
24	Estimated Friction Angle, ϕ' , (degrees)	see note
25	Estimated Young's modulus, E_s (tsf)	see note
26	Estimated small strain Shear modulus, G_o (tsf)	see note
27	Estimated Undrained shear strength, s_u (tsf)	see note
28	Estimated Undrained strength ratio	s_u/σ'_v
29	Estimated Over Consolidation ratio, OCR	see note

Notes:

- 1 Soil Behavior Type (non-normalized), SBT Lunne et al. (1997)
listed below
- 2 Unit weight, γ either constant at 119 pcf or based on Non-normalized SBT
(Lunne et al., 1997 and table below)
- 3 Soil Behavior Type (Normalized), SBT_n Lunne et al. (1997)
- 4 SBT_n Index, I_c $I_c = ((3.47 - \log Q_{tn})^2 + (\log F_r + 1.22)^2)^{0.5}$
- 5 Normalized Cone resistance, Q_{tn} (n varies with I_c)

$Q_{tn} = ((q_t - \sigma_{vo})/pa) (pa/(\sigma'_{vo})^n$ and recalculate I_c , then iterate:

When $I_c < 1.64$, $n = 0.5$ (clean sand)
 When $I_c > 3.30$, $n = 1.0$ (clays)
 When $1.64 < I_c < 3.30$, $n = (I_c - 1.64)0.3 + 0.5$
 Iterate until the change in n, $\Delta n < 0.01$

APPENDIX F

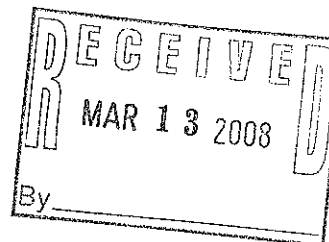
Certified Laboratory Analytical Reports and Chain-of-Custody Documentation



Date of Report: 03/10/2008

Daniel Davis

Delta Environmental Consultants, Inc.
3164 Gold Camp Road, Suite 200
Rancho Cordova, CA 95670



RE: 7376

BC Work Order: 0802383

Enclosed are the results of analyses for samples received by the laboratory on 02/19/2008 23:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

ConocoPhillips Chain Of Custody Record

BC Laboratories, Inc.

4100 Atlas Court
Bakersfield, CA 93308

(661) 327-4911 (661) 327-1918 fax

ConocoPhillips Site Manager:

Bill Borgh

INVOICE REMITTANCE ADDRESS:

CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips SAP Project Number

ConocoPhillips Requisition/Line Number

DATE: 2/19/08
PAGE: 1 of 3

0808 0802383

SAMPLING COMPANY: Delta Consultants		Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 7376		GLOBAL ID NO.: T0600100101
ADDRESS: 3164 Gold Camp Drive, Suite 200 Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 4191 First Street, Pleasanton, California		CONOCOPHILLIPS SITE MANAGER: Bill Borgh	
PROJECT CONTACT (Hardcopy or PDF Report to): Daniel J. Davis and Lisa Stelzner		EDF DELIVERABLE TO (RP or Designee): Lisa Stelzner		PHONE NO.: 916-503-1268	E-MAIL: lstelzner@deltaenv.com
TELEPHONE: 916-503-1260	FAX: 916-638-8385	E-MAIL: ddavis@deltaenv.com	LAB USE ONLY		
SAMPLER NAME(S) (Print): Lisa Stelzner and Meghann Hurt		CONSULTANT PROJECT NUMBER: C107376002		REQUESTED ANALYSES	

TURNAROUND TIME (CALENDAR DAYS):
 14 DAYS
 7 DAYS
 72 HOURS
 48 HOURS
 24 HOURS
 LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED

** PLEASE FAX COPY OF COC TO (916) 638-8385 **

* Field Point name only required if different from Sample ID

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING		MATRIX	NO. OF CONT.	3015M - TPH-D	3260B - TPPH/ BTEX/ 8 Oxygenates	8015M - TPH-G/ BTEX/ MTBE	6010 - Lead <input type="checkbox"/> Total <input type="checkbox"/> STLC	<input type="checkbox"/> TCLP	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	TEMPERATURE ON RECEIPT C°
		DATE	TIME									
	-1 CP-1@14.5-15' / CP-1	2/18/08	11:55	soil	1	X	X					
	-2 CP-1@19.5-20' / CP-1		12:00									
	-3 CP-1@24.5-25' / CP-1		12:10									
	-4 CP-1@29.5-30' / CP-1		12:22									
	-5 CP-1@34.5-35' / CP-1		12:32									
	-6 CP-1@39.5-40' / CP-1		12:42									
	-7 CP-1@44.5-45' / CP-1		13:00									
	-8 CP-1@49.5-50' / CP-1		13:15									
	-9 CP-1@54.5-55' / CP-1		14:20									
	-10 CP-1@59.5-60' / CP-1		14:35									

CHINA DISTRIBUTION
 SUB-OUT

Relinquished by: (Signature) <i>Lisa Stelzner</i>	Received by: (Signature) <i>Ross Wickey BC LABS</i>	Date: <u>2/19/08</u>	Time: <u>1715</u>
Relinquished by: (Signature) <i>Ross Wickey 2/19/08</i>	Received by: (Signature) <i>RR</i>	Date: <u>2-19-08</u>	Time: <u>2000</u>
Relinquished by: (Signature) <i>RR 2-19-08</i>	Received by: (Signature) <i>Cherry</i>	Date: <u>2-19-8</u>	Time: <u>2340</u>

2315
 Please fax copy to 916-638-8385

ConocoPhillips Chain Of Custody Record

BC Laboratories, Inc.

4100 Atlas Court
Bakersfield, CA 93308

(661) 327-4911 (661) 327-1918 fax

ConocoPhillips Site Manager: **Bill Borgh**
 INVOICE REMITTANCE ADDRESS: **CONOCOPHILLIPS**
 Attn: Dee Hutchinson
 3611 South Harbor, Suite 200
 Santa Ana, CA. 92704

0802383

ConocoPhillips SAP Project Number
 ConocoPhillips Requisition/Line Number

DATE: 2/19/08
 PAGE: 3 of 3

SAMPLING COMPANY: Delta Consultants		Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 7376		GLOBAL ID NO.: T0600100101
ADDRESS: 3164 Gold Camp Drive, Suite 200 Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 4191 First Street, Pleasanton, California		CONOCOPHILLIPS SITE MANAGER: Bill Borgh	
PROJECT CONTACT (Hardcopy or PDF Report to): Daniel J. Davis and Lisa Stelzner		EDF DELIVERABLE TO (RP or Designee): Lisa Stelzner		PHONE NO.: 916-503-1268	E-MAIL: lstelzner@deltaenv.com
TELEPHONE: 916-503-1260	FAX: 916-638-8385	E-MAIL: ddavis@deltaenv.com	LAB USE ONLY		

SAMPLER NAME(S) (Print): Lisa Stelzner and Meghann Hurt	CONSULTANT PROJECT NUMBER: C107376002	REQUESTED ANALYSES
---	---	---------------------------

TURNAROUND TIME (CALENDAR DAYS): <input checked="" type="checkbox"/> 14 DAYS <input type="checkbox"/> 7 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">8015M - TPH-D</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">8260B - TPPH/BTEX/8 Oxygenates</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">8015M - TPH-G/BTEX/MTBE</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">6010 - Lead <input type="checkbox"/> Total <input type="checkbox"/> TLCP</td> </tr> </table>												8015M - TPH-D	8260B - TPPH/BTEX/8 Oxygenates	8015M - TPH-G/BTEX/MTBE	6010 - Lead <input type="checkbox"/> Total <input type="checkbox"/> TLCP	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	
8015M - TPH-D	8260B - TPPH/BTEX/8 Oxygenates	8015M - TPH-G/BTEX/MTBE	6010 - Lead <input type="checkbox"/> Total <input type="checkbox"/> TLCP																		
SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED <input checked="" type="checkbox"/> * PLEASE FAX COPY OF COC TO (916) 638-8385 *																TEMPERATURE ON RECEIPT C°					
* Field Point name only required if different from Sample ID																					

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING		MATRIX	NO. OF CONT.	8015M - TPH-D	8260B - TPPH/BTEX/8 Oxygenates	8015M - TPH-G/BTEX/MTBE	6010 - Lead <input type="checkbox"/> Total <input type="checkbox"/> TLCP															
		DATE	TIME																					
21-22	CP-2 @ 44.5-45' / CP-2	2/19/08	13:28	soil	1	X	X																	
22-23	CP-2 @ 49.5-50' / CP-2	↓	13:43	↓	↓	X	X																	

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>Ross Dickey BC LAB</i>	Date: <u>2/19/08</u>	Time: <u>1715</u>
Relinquished by: (Signature) <i>Ross Dickey 2/19/08</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>2-19-08</u>	Time: <u>2000</u>
Relinquished by: (Signature) <i>[Signature] 2-19-08</i>	Received by: (Signature) <i>[Signature]</i>	Date: <u>2-19-8</u>	Time: <u>2340</u>

Please fax copy to 916-638-8385

Submission #: 0802383

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER

Ice Chest None
 Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals: Ice Chest Containers None Comments:

Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No

Description(s) match COC? Yes No

COC Received
 YES NO

Ice Chest ID: Red
 Temperature: 3.10 °C
 Thermometer ID: 48

Emissivity: .97
 Container: amber

Date/Time: 2/19 2337
 Analyst Init: JNW

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2mg NITRATE/ NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 515 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 511.1										
QT EPA 549										
QT EPA 549										
QT EPA 549										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL	A	A	A	A	A	A	A	A	A	A
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:
 Sample Numbering Completed By: RML Date/Time: 2/21 10:15:00

Submission #: 0802383

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery BC Lab Field Service Other (Specify)

SHIPPING CONTAINER

Ice Chest None Box Other (Specify)

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals: Ice Chest Containers None Comments: Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received YES NO

Ice Chest ID Red Temperature: 3.10 °C Thermometer ID: 48

Emissivity -97 Container amber

Date/Time 2/19 2337 Analyst Init S(OLW)

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	20
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
20L NITRATE/ NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 523										
QT EPA 524 TRAVEL BLANK										
100ml EPA 527										
100ml EPA 531										
QT EPA 541										
QT EPA 547										
QT EPA 551										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A	A	A	A	A	A	A	A
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: Sample Numbering Completed By: RML Date/Time: 2/19/06 1500

Submission #: 0802383

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery BC Lab Field Service Other (Specify)

SHIPPING CONTAINER

Ice Chest None Box Other (Specify)

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals: Ice Chest Containers None Comments:

Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received YES NO

Ice Chest ID: Red
Temperature: 3.10 °C
Thermometer ID: 48

Emissivity: .97
Container: amber

Date/Time: 2/19 2337

Analyst Init: S(N)W

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	21	22	23	24	25	26	27	28	29	30
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
200 NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 531 TRAVEL BLANK										
100ml EPA 541										
100ml EPA 511										
QT EPA 541										
QT EPA 547										
QT EPA 531										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	RMC 2/21							
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: Sample Numbering Completed By: RMC

Date/Time: 2/21/08 1500

Delta Environmental Consultants, Inc.
 3164 Gold Camp Road, Suite 200
 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/10/2008 16:51

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Delivery Work Order:
0802383-01	COC Number:	---		02/19/2008 23:40	Global ID: T0600100101
	Project Number:	7376		Sampling Date: 02/18/2008 11:55	Matrix: SO
	Sampling Location:	CP-1		Sample Depth: ---	Sample QC Type (SACode): CS
	Sampling Point:	CP-1@14.5-15		Sample Matrix: Solids	Cooler ID:
	Sampled By:	DECR			
0802383-02	COC Number:	---		02/19/2008 23:40	Global ID: T0600100101
	Project Number:	7376		Sampling Date: 02/18/2008 12:00	Matrix: SO
	Sampling Location:	CP-1		Sample Depth: ---	Sample QC Type (SACode): CS
	Sampling Point:	CP-1@19.5-20		Sample Matrix: Solids	Cooler ID:
	Sampled By:	DECR			
0802383-03	COC Number:	---		02/19/2008 23:40	Global ID: T0600100101
	Project Number:	7376		Sampling Date: 02/18/2008 12:10	Matrix: SO
	Sampling Location:	CP-1		Sample Depth: ---	Sample QC Type (SACode): CS
	Sampling Point:	CP-1@24.5-25		Sample Matrix: Solids	Cooler ID:
	Sampled By:	DECR			
0802383-04	COC Number:	---		02/19/2008 23:40	Global ID: T0600100101
	Project Number:	7376		Sampling Date: 02/18/2008 12:22	Matrix: SO
	Sampling Location:	CP-1		Sample Depth: ---	Sample QC Type (SACode): CS
	Sampling Point:	CP-1@29.5-30		Sample Matrix: Solids	Cooler ID:
	Sampled By:	DECR			
0802383-05	COC Number:	---		02/19/2008 23:40	Global ID: T0600100101
	Project Number:	7376		Sampling Date: 02/18/2008 12:32	Matrix: SO
	Sampling Location:	CP-1		Sample Depth: ---	Sample QC Type (SACode): CS
	Sampling Point:	CP-1@34.5-35		Sample Matrix: Solids	Cooler ID:
	Sampled By:	DECR			

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Delivery Work Order:
0802383-06	COC Number: --- Project Number: 7376 Sampling Location: CP-1 Sampling Point: CP-1@39.5-40 Sampled By: DECR	Receive Date: 02/19/2008 23:40 Sampling Date: 02/18/2008 12:42 Sample Depth: --- Sample Matrix: Solids	Delivery Work Order: Global ID: T0600100101 Matrix: SO Sample QC Type (SACode): CS Cooler ID:		
0802383-07	COC Number: --- Project Number: 7376 Sampling Location: CP-1 Sampling Point: CP-1@44.5-45 Sampled By: DECR	Receive Date: 02/19/2008 23:40 Sampling Date: 02/18/2008 13:00 Sample Depth: --- Sample Matrix: Solids	Delivery Work Order: Global ID: T0600100101 Matrix: SO Sample QC Type (SACode): CS Cooler ID:		
0802383-08	COC Number: --- Project Number: 7376 Sampling Location: CP-1 Sampling Point: CP-1@49.5-50 Sampled By: DECR	Receive Date: 02/19/2008 23:40 Sampling Date: 02/18/2008 13:15 Sample Depth: --- Sample Matrix: Solids	Delivery Work Order: Global ID: T0600100101 Matrix: SO Sample QC Type (SACode): CS Cooler ID:		
0802383-09	COC Number: --- Project Number: 7376 Sampling Location: CP-1 Sampling Point: CP-1@54.5-55 Sampled By: DECR	Receive Date: 02/19/2008 23:40 Sampling Date: 02/18/2008 14:20 Sample Depth: --- Sample Matrix: Solids	Delivery Work Order: Global ID: T0600100101 Matrix: SO Sample QC Type (SACode): CS Cooler ID:		
0802383-10	COC Number: --- Project Number: 7376 Sampling Location: CP-1 Sampling Point: CP-1@59.5-60 Sampled By: DECR	Receive Date: 02/19/2008 23:40 Sampling Date: 02/18/2008 14:35 Sample Depth: --- Sample Matrix: Solids	Delivery Work Order: Global ID: T0600100101 Matrix: SO Sample QC Type (SACode): CS Cooler ID:		



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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:	Global ID:	Matrix:	Sample QC Type (SACode):	Cooler ID:
0802383-11	COC Number:	---		02/19/2008 23:40	02/18/2008 14:52	---	Solids		T0600100101	SO	CS	
	Project Number:	7376										
	Sampling Location:	CP-1										
	Sampling Point:	CP -1@64.5-65										
	Sampled By:	DECR										
0802383-12	COC Number:	---		02/19/2008 23:40	02/18/2008 15:25	---	Solids		T0600100101	SO	CS	
	Project Number:	7376										
	Sampling Location:	CP-1										
	Sampling Point:	CP-1@69.5-70										
	Sampled By:	DECR										
0802383-13	COC Number:	---		02/19/2008 23:40	02/18/2008 15:50	---	Water		T0600100101	W	CS	
	Project Number:	7376										
	Sampling Location:	CP-1D										
	Sampling Point:	CP-1D										
	Sampled By:	DECR										
0802383-14	COC Number:	---		02/19/2008 23:40	02/19/2008 10:35	---	Solids		T0600100101	SO	CS	
	Project Number:	7376										
	Sampling Location:	CP-2										
	Sampling Point:	CP-2@9.5-10										
	Sampled By:	DECR										
0802383-15	COC Number:	---		02/19/2008 23:40	02/19/2008 10:40	---	Solids		T0600100101	SO	CS	
	Project Number:	7376										
	Sampling Location:	CP-2										
	Sampling Point:	CP-2@14.5-15										
	Sampled By:	DECR										



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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Delivery Work Order:
0802383-16	COC Number:	---	Project Number:	02/19/2008 23:40	Global ID: T0600100101
	Project Number:	7376	Sampling Location:	02/19/2008 10:45	Matrix: SO
	Sampling Location:	CP-2	Sampling Point:	---	Sample QC Type (SACode): CS
	Sampling Point:	CP-2@19.5-20	Sampled By:	Solids	Cooler ID:
	Sampled By:	DECR			
0802383-17	COC Number:	---	Project Number:	02/19/2008 23:40	Global ID: T0600100101
	Project Number:	7376	Sampling Location:	02/19/2008 10:53	Matrix: SO
	Sampling Location:	CP-2	Sampling Point:	---	Sample QC Type (SACode): CS
	Sampling Point:	CP-2@24.5-25	Sampled By:	Solids	Cooler ID:
	Sampled By:	DECR			
0802383-18	COC Number:	---	Project Number:	02/19/2008 23:40	Global ID: T0600100101
	Project Number:	7376	Sampling Location:	02/19/2008 11:00	Matrix: SO
	Sampling Location:	CP-2	Sampling Point:	---	Sample QC Type (SACode): CS
	Sampling Point:	CP-2@29.5-30	Sampled By:	Solids	Cooler ID:
	Sampled By:	DECR			
0802383-19	COC Number:	---	Project Number:	02/19/2008 23:40	Global ID: T0600100101
	Project Number:	7376	Sampling Location:	02/19/2008 11:10	Matrix: SO
	Sampling Location:	CP-2	Sampling Point:	---	Sample QC Type (SACode): CS
	Sampling Point:	CP-2@34.5-35	Sampled By:	Solids	Cooler ID:
	Sampled By:	DECR			
0802383-20	COC Number:	---	Project Number:	02/19/2008 23:40	Global ID: T0600100101
	Project Number:	7376	Sampling Location:	02/19/2008 11:20	Matrix: SO
	Sampling Location:	CP-2	Sampling Point:	---	Sample QC Type (SACode): CS
	Sampling Point:	CP-2@39.5-40	Sampled By:	Solids	Cooler ID:
	Sampled By:	DECR			

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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
0802383-21	COC Number:	---	Receive Date: 02/19/2008 23:40	Delivery Work Order:
	Project Number:	7376	Sampling Date: 02/19/2008 13:28	Global ID: T0600100101
	Sampling Location:	CP-2	Sample Depth: ---	Matrix: SO
	Sampling Point:	CP-2@44.5-45	Sample Matrix: Solids	Sample QC Type (SACode): CS
	Sampled By:	DECR		Cooler ID:
0802383-22	COC Number:	---	Receive Date: 02/19/2008 23:40	Delivery Work Order:
	Project Number:	7376	Sampling Date: 02/19/2008 13:43	Global ID: T0600100101
	Sampling Location:	CP-2	Sample Depth: ---	Matrix: SO
	Sampling Point:	CP-2@49.5-50	Sample Matrix: Solids	Sample QC Type (SACode): CS
	Sampled By:	DECR		Cooler ID:

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Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-01		Client Sample Name: 7376, CP-1, CP-1@14.5-15, 2/18/2008 11:55:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.18	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
Methyl t-butyl ether	0.29	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
t-Butyl alcohol	0.36	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
Total Purgeable Petroleum Hydrocarbons	0.64	mg/kg	0.20		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane-d4 (Surrogate)	95.5	%	70 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345		
4-Bromofluorobenzene (Surrogate)	96.9	%	74 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 07:03	LHS	MS-V2	1	BRB1345		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-01		Client Sample Name: 7376, CP-1, CP-1@14.5-15, 2/18/2008 11:55:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	3100	mg/kg	500		Luft/TPHd	02/26/08	03/06/08 11:59	PTL	GC-5	251.68	BRC0288	ND	
Tetracosane (Surrogate)	0	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/06/08 11:59	PTL	GC-5	251.68	BRC0288		A17

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802383-02													
Client Sample Name:	7376, CP-1, CP-1@19.5-20, 2/18/2008 12:00:00PM													
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	2.7	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
1,2-Dibromoethane	ND	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
1,2-Dichloroethane	ND	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
Ethylbenzene	0.77	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
Methyl t-butyl ether	0.51	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
Toluene	0.066	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
Total Xylenes	0.36	mg/kg	0.10		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
t-Amyl Methyl ether	ND	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
t-Butyl alcohol	ND	mg/kg	0.50		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
Diisopropyl ether	ND	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
Ethanol	ND	mg/kg	10		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
Ethyl t-butyl ether	ND	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345	ND	A01	
Total Purgeable Petroleum Hydrocarbons	48	mg/kg	5.0		EPA-8260	02/25/08	02/25/08 21:11	LHS	MS-V2	25	BRB1345	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	96.1	%	70 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345			
1,2-Dichloroethane-d4 (Surrogate)	93.0	%	70 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 21:11	LHS	MS-V2	25	BRB1345			
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345			
Toluene-d8 (Surrogate)	92.7	%	81 - 117 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 21:11	LHS	MS-V2	25	BRB1345			
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 21:11	LHS	MS-V2	25	BRB1345			
4-Bromofluorobenzene (Surrogate)	93.0	%	74 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 07:29	LHS	MS-V2	10	BRB1345			

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-02		Client Sample Name: 7376, CP-1, CP-1@19.5-20, 2/18/2008 12:00:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	140	mg/kg	20		Luf/TPHd	02/26/08	03/06/08 12:56	PTL	GC-5	10.067	BRC0288	ND	
Tetracosane (Surrogate)	0	%	34 - 136 (LCL - UCL)		Luf/TPHd	02/26/08	03/06/08 12:56	PTL	GC-5	10.067	BRC0288		A18



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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-03		Client Sample Name: 7376, CP-1, CP-1@24.5-25, 2/18/2008 12:10:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	4.5	mg/kg	0.50		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
1,2-Dibromoethane	ND	mg/kg	0.50		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
1,2-Dichloroethane	ND	mg/kg	0.50		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
Ethylbenzene	16	mg/kg	0.50		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.50		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
Toluene	ND	mg/kg	0.50		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
Total Xylenes	1.2	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.50		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
t-Butyl alcohol	ND	mg/kg	5.0		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
Diisopropyl ether	ND	mg/kg	0.50		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
Ethanol	ND	mg/kg	100		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.50		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345	ND	A01
Total Purgeable Petroleum Hydrocarbons	640	mg/kg	200		EPA-8260	02/25/08	02/25/08 21:37	LHS	MS-V2	1000	BRB1345	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	92.2	%	70 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345		
1,2-Dichloroethane-d4 (Surrogate)	93.0	%	70 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 21:37	LHS	MS-V2	1000	BRB1345		
Toluene-d8 (Surrogate)	108	%	81 - 117 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345		
Toluene-d8 (Surrogate)	91.6	%	81 - 117 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 21:37	LHS	MS-V2	1000	BRB1345		
4-Bromofluorobenzene (Surrogate)	92.5	%	74 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 21:37	LHS	MS-V2	1000	BRB1345		
4-Bromofluorobenzene (Surrogate)	104	%	74 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 07:55	LHS	MS-V2	100	BRB1345		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-03	Client Sample Name: 7376, CP-1, CP-1@24.5-25, 2/18/2008 12:10:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	220	mg/kg	40		Luft/TPHd	02/26/08	03/06/08 13:10	PTL	GC-5	20.067	BRC0288	ND	
Tetracosane (Surrogate)	61.4	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/06/08 13:10	PTL	GC-5	20.067	BRC0288		A18

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-04		Client Sample Name: 7376, CP-1, CP-1@29.5-30, 2/18/2008 12:22:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	14	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
1,2-Dibromoethane	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
1,2-Dichloroethane	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
Ethylbenzene	14	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
Methyl t-butyl ether	1.3	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
Toluene	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
Total Xylenes	6.6	mg/kg	2.0		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
t-Amyl Methyl ether	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
t-Butyl alcohol	ND	mg/kg	10		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
Diisopropyl ether	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
Ethanol	ND	mg/kg	200		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
Ethyl t-butyl ether	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
Total Purgeable Petroleum Hydrocarbons	470	mg/kg	40		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	93.1	%	70 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345			
Toluene-d8 (Surrogate)	93.4	%	81 - 117 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345			
4-Bromofluorobenzene (Surrogate)	102	%	74 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 08:21	LHS	MS-V2	200	BRB1345			

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-04		Client Sample Name: 7376, CP-1, CP-1@29.5-30, 2/18/2008 12:22:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	5000	mg/kg	990		Luft/TPHd	02/26/08	03/06/08 13:25	PTL	GC-5	496.69	BRC0288	ND	
Tetracosane (Surrogate)	0	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/06/08 13:25	PTL	GC-5	496.69	BRC0288		A17

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802383-05													
Client Sample Name:	7376, CP-1, CP-1@34.5-35, 2/18/2008 12:32:00PM													
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	3.8	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
1,2-Dibromoethane	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
1,2-Dichloroethane	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
Ethylbenzene	8.1	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
Methyl t-butyl ether	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
Toluene	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
Total Xylenes	4.2	mg/kg	0.50		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
t-Amyl Methyl ether	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
t-Butyl alcohol	ND	mg/kg	2.5		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
Diisopropyl ether	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
Ethanol	ND	mg/kg	50		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
Ethyl t-butyl ether	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345	ND	A01	
Total Purgeable Petroleum Hydrocarbons	370	mg/kg	50		EPA-8260	02/27/08	02/27/08 16:17	LHS	MS-V2	250	BRB1345	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	90.4	%	70 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345			
1,2-Dichloroethane-d4 (Surrogate)	91.9	%	70 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 16:17	LHS	MS-V2	250	BRB1345			
Toluene-d8 (Surrogate)	107	%	81 - 117 (LCL - UCL)		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345			
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 16:17	LHS	MS-V2	250	BRB1345			
4-Bromofluorobenzene (Surrogate)	94.5	%	74 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 16:17	LHS	MS-V2	250	BRB1345			
4-Bromofluorobenzene (Surrogate)	109	%	74 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/26/08 03:19	LHS	MS-V2	50	BRB1345			

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 Project Number: [none]
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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-05		Client Sample Name: 7376, CP-1, CP-1@34.5-35, 2/18/2008 12:32:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	300	mg/kg	20		Luft/TPHd	02/26/08	03/06/08 13:39	PTL	GC-5	9.836	BRC0288	ND	
Tetracosane (Surrogate)	0	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/06/08 13:39	PTL	GC-5	9.836	BRC0288		A18

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-06		Client Sample Name: 7376, CP-1, CP-1@39.5-40, 2/18/2008 12:42:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	9.7	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
1,2-Dibromoethane	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
1,2-Dichloroethane	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
Ethylbenzene	5.5	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
Methyl t-butyl ether	0.76	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
Toluene	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
Total Xylenes	7.4	mg/kg	0.50		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
t-Amyl Methyl ether	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
t-Butyl alcohol	ND	mg/kg	2.5		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
Diisopropyl ether	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
Ethanol	ND	mg/kg	50		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
Ethyl t-butyl ether	ND	mg/kg	0.25		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345	ND	A01	
Total Purgeable Petroleum Hydrocarbons	360	mg/kg	50		EPA-8260	02/27/08	02/27/08 16:44	LHS	MS-V2	250	BRB1345	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	90.0	%	70 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345			
1,2-Dichloroethane-d4 (Surrogate)	89.8	%	70 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 16:44	LHS	MS-V2	250	BRB1345			
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 16:44	LHS	MS-V2	250	BRB1345			
Toluene-d8 (Surrogate)	95.0	%	81 - 117 (LCL - UCL)		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345			
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 16:44	LHS	MS-V2	250	BRB1345			
4-Bromofluorobenzene (Surrogate)	109	%	74 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/26/08 03:45	LHS	MS-V2	50	BRB1345			

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-06	Client Sample Name: 7376, CP-1, CP-1@39.5-40, 2/18/2008 12:42:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	570	mg/kg	100		Luf/TPHd	02/26/08	03/06/08 13:53	PTL	GC-5	50.336	BRC0288	ND	
Tetracosane (Surrogate)	0	%	34 - 136 (LCL - UCL)		Luf/TPHd	02/26/08	03/06/08 13:53	PTL	GC-5	50.336	BRC0288		A17

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-07		Client Sample Name: 7376, CP-1, CP-1@44.5-45, 2/18/2008 1:00:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	mg/kg	0.010		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
1,2-Dibromoethane	ND	mg/kg	0.010		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
1,2-Dichloroethane	ND	mg/kg	0.010		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
Ethylbenzene	ND	mg/kg	0.010		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
Methyl t-butyl ether	0.075	mg/kg	0.010		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
Toluene	ND	mg/kg	0.010		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
Total Xylenes	ND	mg/kg	0.020		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
t-Amyl Methyl ether	ND	mg/kg	0.010		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
t-Butyl alcohol	0.26	mg/kg	0.10		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
Diisopropyl ether	ND	mg/kg	0.010		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
Ethanol	ND	mg/kg	2.0		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
Ethyl t-butyl ether	ND	mg/kg	0.010		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345	ND	A01	
Total Purgeable Petroleum Hydrocarbons	61	mg/kg	10		EPA-8260	02/27/08	02/27/08 17:10	LHS	MS-V2	50	BRB1345	ND	A01	
1,2-Dichloroethane-d4 (Surrogate)	88.2	%	70 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 17:10	LHS	MS-V2	50	BRB1345			
1,2-Dichloroethane-d4 (Surrogate)	98.3	%	70 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345			
Toluene-d8 (Surrogate)	96.6	%	81 - 117 (LCL - UCL)		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345			
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 17:10	LHS	MS-V2	50	BRB1345			
4-Bromofluorobenzene (Surrogate)	105	%	74 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 17:10	LHS	MS-V2	50	BRB1345			
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/28/08 09:32	LHS	MS-V2	2	BRB1345			

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-07		Client Sample Name: 7376, CP-1, CP-1@44.5-45, 2/18/2008 1:00:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	920	mg/kg	100		Luf/TPHd	02/26/08	03/06/08 14:08	PTL	GC-5	49.834	BRC0288	ND	
Tetracosane (Surrogate)	0	%	34 - 136 (LCL - UCL)		Luf/TPHd	02/26/08	03/06/08 14:08	PTL	GC-5	49.834	BRC0288		A17

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802383-08		Client Sample Name:	7376, CP-1, CP-1@49.5-50, 2/18/2008 1:15:00PM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.066	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
Ethylbenzene	0.0068	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
Methyl t-butyl ether	0.29	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
t-Butyl alcohol	0.43	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
Total Purgeable Petroleum Hydrocarbons	1.6	mg/kg	0.20		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane-d4 (Surrogate)	93.2	%	70 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345		
Toluene-d8 (Surrogate)	92.7	%	81 - 117 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345		
4-Bromofluorobenzene (Surrogate)	96.7	%	74 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 10:07	LHS	MS-V2	1	BRB1345		



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Project: 7376
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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-08		Client Sample Name: 7376, CP-1, CP-1@49.5-50, 2/18/2008 1:15:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	130	mg/kg	20		Luf/TPHd	02/26/08	03/06/08 14:22	PTL	GC-5	9.934	BRC0288	ND	
Tetracosane (Surrogate)	65.3	%	34 - 136 (LCL - UCL)		Luf/TPHd	02/26/08	03/06/08 14:22	PTL	GC-5	9.934	BRC0288		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802383-09		Client Sample Name:	7376, CP-1, CP-1@54.5-55, 2/18/2008 2:20:00PM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
Methyl t-butyl ether	0.28	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
t-Butyl alcohol	0.40	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
Total Purgeable Petroleum Hydrocarbons	1.4	mg/kg	0.20		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane-d4 (Surrogate)	92.9	%	70 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345		
4-Bromofluorobenzene (Surrogate)	87.5	%	74 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 10:33	LHS	MS-V2	1	BRB1345		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-09		Client Sample Name: 7376, CP-1, CP-1@54.5-55, 2/18/2008 2:20:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	9.9	mg/kg	2.0		Luft/TPHd	02/26/08	03/05/08 19:10	PTL	GC-5	0.987	BRC0288	ND	
Tetracosane (Surrogate)	60.8	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/05/08 19:10	PTL	GC-5	0.987	BRC0288		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-10	Client Sample Name: 7376, CP-1, CP-1@59.5-60, 2/18/2008 2:35:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	0.033	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
Ethylbenzene	0.0058	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
Methyl t-butyl ether	0.063	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
t-Butyl alcohol	0.19	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
Total Purgeable Petroleum Hydrocarbons	0.27	mg/kg	0.20		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane-d4 (Surrogate)	96.8	%	70 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345		
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345		
4-Bromofluorobenzene (Surrogate)	96.1	%	74 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 11:00	LHS	MS-V2	1	BRB1345		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-10		Client Sample Name: 7376, CP-1, CP-1@59.5-60, 2/18/2008 2:35:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/05/08 19:24	PTL	GC-5	0.993	BRC0288	ND	
Tetracosane (Surrogate)	57.3	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/05/08 19:24	PTL	GC-5	0.993	BRC0288		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-11		Client Sample Name: 7376, CP-1, CP -1@64.5-65, 2/18/2008 2:52:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
Methyl t-butyl ether	0.11	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
t-Butyl alcohol	0.24	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	
Total Purgeable Petroleum Hydrocarbons	0.21	mg/kg	0.20		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345	ND	A90
1,2-Dichloroethane-d4 (Surrogate)	96.4	%	70 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345		
Toluene-d8 (Surrogate)	96.7	%	81 - 117 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345		
4-Bromofluorobenzene (Surrogate)	92.8	%	74 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 11:26	LHS	MS-V2	1	BRB1345		

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Total Petroleum Hydrocarbons

BCL Sample ID:	0802383-11												
Client Sample Name:	7376, CP-1, CP -1@64.5-65, 2/18/2008 2:52:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luf/TPHd	02/26/08	03/05/08 19:38	PTL	GC-5	0.987	BRC0288	ND	
Tetracosane (Surrogate)	64.1	%	34 - 136 (LCL - UCL)		Luf/TPHd	02/26/08	03/05/08 19:38	PTL	GC-5	0.987	BRC0288		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802383-12												
Client Sample Name:	7376, CP-1, CP-1@69.5-70, 2/18/2008 3:25:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
Methyl t-butyl ether	0.32	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
t-Butyl alcohol	0.22	mg/kg	0.050		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	
Total Purgeable Petroleum Hydrocarbons	0.35	mg/kg	0.20		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345	ND	A90
1,2-Dichloroethane-d4 (Surrogate)	93.7	%	70 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345		
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260	02/22/08	02/23/08 11:53	LHS	MS-V2	1	BRB1345		



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Project: 7376
Project Number: [none]
Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-12		Client Sample Name: 7376, CP-1, CP-1@69.5-70, 2/18/2008 3:25:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/05/08 19:52	PTL	GC-5	1.007	BRC0288	ND	
Tetracosane (Surrogate)	58.5	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/05/08 19:52	PTL	GC-5	1.007	BRC0288		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-13		Client Sample Name: 7376, CP-1D, CP-1D, 2/18/2008 3:50:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	250	ug/L	5.0		EPA-8260	02/26/08	02/27/08 17:42	SDU	MS-V10	10	BRB1546	ND	A01	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546	ND		
1,2-Dichloroethane	28	ug/L	0.50		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546	ND		
Ethylbenzene	33	ug/L	0.50		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546	ND		
Methyl t-butyl ether	530	ug/L	5.0		EPA-8260	02/26/08	02/27/08 17:42	SDU	MS-V10	10	BRB1546	ND	A01	
Toluene	2.6	ug/L	0.50		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546	ND		
Total Xylenes	15	ug/L	1.0		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546	ND		
t-Butyl alcohol	490	ug/L	10		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546	ND		
Ethanol	ND	ug/L	250		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546	ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546	ND		
Total Purgeable Petroleum Hydrocarbons	1500	ug/L	50		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546	ND		
1,2-Dichloroethane-d4 (Surrogate)	97.1	%	76 - 114 (LCL - UCL)		EPA-8260	02/26/08	02/27/08 17:42	SDU	MS-V10	10	BRB1546			
1,2-Dichloroethane-d4 (Surrogate)	96.2	%	76 - 114 (LCL - UCL)		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546			
Toluene-d8 (Surrogate)	97.9	%	88 - 110 (LCL - UCL)		EPA-8260	02/26/08	02/27/08 17:42	SDU	MS-V10	10	BRB1546			
Toluene-d8 (Surrogate)	98.9	%	88 - 110 (LCL - UCL)		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546			
4-Bromofluorobenzene (Surrogate)	106	%	86 - 115 (LCL - UCL)		EPA-8260	02/26/08	02/28/08 03:09	SDU	MS-V10	1	BRB1546			
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	02/26/08	02/27/08 17:42	SDU	MS-V10	10	BRB1546			

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-13		Client Sample Name: 7376, CP-1D, CP-1D, 2/18/2008 3:50:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	660	ug/L	50		Luft/TPHd	02/26/08	03/01/08 01:48	PTL	GC-5	1	BRB1904	ND	
Tetracosane (Surrogate)	51.4	%	28 - 139 (LCL - UCL)		Luft/TPHd	02/26/08	03/01/08 01:48	PTL	GC-5	1	BRB1904		

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Project: 7376
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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-14		Client Sample Name: 7376, CP-2, CP-2@9.5-10, 2/19/2008 10:35:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.6	%	70 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433		
Toluene-d8 (Surrogate)	92.1	%	81 - 117 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433		
4-Bromofluorobenzene (Surrogate)	96.2	%	74 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 15:20	LHS	MS-V2	1	BRB1433		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/10/2008 16:51

Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-14		Client Sample Name: 7376, CP-2, CP-2@9.5-10, 2/19/2008 10:35:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/05/08 20:06	PTL	GC-5	1.010	BRC0288	ND	
Tetracosane (Surrogate)	65.7	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/05/08 20:06	PTL	GC-5	1.010	BRC0288		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-15		Client Sample Name: 7376, CP-2, CP-2@14.5-15, 2/19/2008 10:40:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.0	%	70 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433		
Toluene-d8 (Surrogate)	95.3	%	81 - 117 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433		
4-Bromofluorobenzene (Surrogate)	94.4	%	74 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 15:46	LHS	MS-V2	1	BRB1433		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-15	Client Sample Name: 7376, CP-2, CP-2@14.5-15, 2/19/2008 10:40:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/05/08 20:21	PTL	GC-5	0.990	BRC0288	ND	
Tetracosane (Surrogate)	63.6	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/05/08 20:21	PTL	GC-5	0.990	BRC0288		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-16		Client Sample Name: 7376, CP-2, CP-2@19.5-20, 2/19/2008 10:45:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.8	%	70 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433		
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433		
4-Bromofluorobenzene (Surrogate)	95.5	%	74 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 16:12	LHS	MS-V2	1	BRB1433		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-16		Client Sample Name: 7376, CP-2, CP-2@19.5-20, 2/19/2008 10:45:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luf/TPHd	02/26/08	03/05/08 20:35	PTL	GC-5	0.997	BRC0288	ND	
Tetracosane (Surrogate)	60.7	%	34 - 136 (LCL - UCL)		Luf/TPHd	02/26/08	03/05/08 20:35	PTL	GC-5	0.997	BRC0288		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-17		Client Sample Name: 7376, CP-2, CP-2@24.5-25, 2/19/2008 10:53:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433		
4-Bromofluorobenzene (Surrogate)	85.2	%	74 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 16:39	LHS	MS-V2	1	BRB1433		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-17		Client Sample Name: 7376, CP-2, CP-2@24.5-25, 2/19/2008 10:53:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luf/TPHd	02/26/08	03/05/08 21:32	PTL	GC-5	1.010	BRC0288	ND	
Tetracosane (Surrogate)	59.4	%	34 - 136 (LCL - UCL)		Luf/TPHd	02/26/08	03/05/08 21:32	PTL	GC-5	1.010	BRC0288		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802383-18												
Client Sample Name:	7376, CP-2, CP-2@29.5-30, 2/19/2008 11:00:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433		
4-Bromofluorobenzene (Surrogate)	96.3	%	74 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 17:05	LHS	MS-V2	1	BRB1433		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-18	Client Sample Name: 7376, CP-2, CP-2@29.5-30, 2/19/2008 11:00:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/05/08 21:46	PTL	GC-5	0.993	BRC0288	ND	
Tetracosane (Surrogate)	68.1	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/05/08 21:46	PTL	GC-5	0.993	BRC0288		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-19		Client Sample Name: 7376, CP-2, CP-2@34.5-35, 2/19/2008 11:10:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433		
4-Bromofluorobenzene (Surrogate)	86.7	%	74 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 17:31	LHS	MS-V2	1	BRB1433		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-19	Client Sample Name: 7376, CP-2, CP-2@34.5-35, 2/19/2008 11:10:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/05/08 22:00	PTL	GC-5	0.987	BRC0288	ND	
Tetracosane (Surrogate)	66.6	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/05/08 22:00	PTL	GC-5	0.987	BRC0288		

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Project: 7376
Project Number: [none]
Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-20		Client Sample Name: 7376, CP-2, CP-2@39.5-40, 2/19/2008 11:20:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433		
Toluene-d8 (Surrogate)	107	%	81 - 117 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433		
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 17:57	LHS	MS-V2	1	BRB1433		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-20		Client Sample Name: 7376, CP-2, CP-2@39.5-40, 2/19/2008 11:20:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/05/08 22:14	PTL	GC-5	1	BRC0288	ND	
Tetracosane (Surrogate)	65.4	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/05/08 22:14	PTL	GC-5	1	BRC0288		

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 Project Number: [none]
 Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802383-21		Client Sample Name: 7376, CP-2, CP-2@44.5-45, 2/19/2008 1:28:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433		
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433		
4-Bromofluorobenzene (Surrogate)	104	%	74 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 18:23	LHS	MS-V2	1	BRB1433		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-21		Client Sample Name: 7376, CP-2, CP-2@44.5-45, 2/19/2008 1:28:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/05/08 22:28	PTL	GC-5	1	BRC0288	ND	
Tetracosane (Surrogate)	59.6	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/05/08 22:28	PTL	GC-5	1	BRC0288		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802383-22												
Client Sample Name:	7376, CP-2, CP-2@49.5-50, 2/19/2008 1:43:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433		
Toluene-d8 (Surrogate)	95.8	%	81 - 117 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433		
4-Bromofluorobenzene (Surrogate)	97.5	%	74 - 121 (LCL - UCL)		EPA-8260	02/26/08	02/26/08 18:50	LHS	MS-V2	1	BRB1433		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802383-22		Client Sample Name: 7376, CP-2, CP-2@49.5-50, 2/19/2008 1:43:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/03/08 13:42	PTL	GC-5	1	BRC0024	ND	
Tetracosane (Surrogate)	67.1	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/03/08 13:42	PTL	GC-5	1	BRC0024		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Benzene	BRB1345	Matrix Spike	0801068-82	0	0.12438	0.12500	mg/kg		99.5		70 - 130
		Matrix Spike Duplicate	0801068-82	0	0.11800	0.12500	mg/kg	5.3	94.4	20	70 - 130
Toluene	BRB1345	Matrix Spike	0801068-82	0	0.13120	0.12500	mg/kg		105		70 - 130
		Matrix Spike Duplicate	0801068-82	0	0.12920	0.12500	mg/kg	1.9	103	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRB1345	Matrix Spike	0801068-82	ND	0.048004	0.050000	mg/kg		96.0		70 - 121
		Matrix Spike Duplicate	0801068-82	ND	0.046538	0.050000	mg/kg		93.1		70 - 121
Toluene-d8 (Surrogate)	BRB1345	Matrix Spike	0801068-82	ND	0.051196	0.050000	mg/kg		102		81 - 117
		Matrix Spike Duplicate	0801068-82	ND	0.050764	0.050000	mg/kg		102		81 - 117
4-Bromofluorobenzene (Surrogate)	BRB1345	Matrix Spike	0801068-82	ND	0.043875	0.050000	mg/kg		87.8		74 - 121
		Matrix Spike Duplicate	0801068-82	ND	0.049093	0.050000	mg/kg		98.2		74 - 121
Benzene	BRB1433	Matrix Spike	0801068-84	0	0.12119	0.12500	mg/kg		97.0		70 - 130
		Matrix Spike Duplicate	0801068-84	0	0.12119	0.12500	mg/kg	0	97.0	20	70 - 130
Toluene	BRB1433	Matrix Spike	0801068-84	0	0.12641	0.12500	mg/kg		101		70 - 130
		Matrix Spike Duplicate	0801068-84	0	0.12811	0.12500	mg/kg	1.0	102	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRB1433	Matrix Spike	0801068-84	ND	0.051066	0.050000	mg/kg		102		70 - 121
		Matrix Spike Duplicate	0801068-84	ND	0.048522	0.050000	mg/kg		97.0		70 - 121
Toluene-d8 (Surrogate)	BRB1433	Matrix Spike	0801068-84	ND	0.050871	0.050000	mg/kg		102		81 - 117
		Matrix Spike Duplicate	0801068-84	ND	0.050682	0.050000	mg/kg		101		81 - 117
4-Bromofluorobenzene (Surrogate)	BRB1433	Matrix Spike	0801068-84	ND	0.046015	0.050000	mg/kg		92.0		74 - 121
		Matrix Spike Duplicate	0801068-84	ND	0.045712	0.050000	mg/kg		91.4		74 - 121
Benzene	BRB1546	Matrix Spike	0802245-02	0	25.610	25.000	ug/L		102		70 - 130
		Matrix Spike Duplicate	0802245-02	0	28.730	25.000	ug/L	12.0	115	20	70 - 130
Toluene	BRB1546	Matrix Spike	0802245-02	0	24.420	25.000	ug/L		97.7		70 - 130
		Matrix Spike Duplicate	0802245-02	0	27.940	25.000	ug/L	13.6	112	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRB1546	Matrix Spike	0802245-02	ND	9.6700	10.000	ug/L		96.7		76 - 114
		Matrix Spike Duplicate	0802245-02	ND	9.8500	10.000	ug/L		98.5		76 - 114

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits	
									Percent Recovery	Percent Recovery Lab Quals
Toluene-d8 (Surrogate)	BRB1546	Matrix Spike	0802245-02	ND	9.9200	10.000	ug/L		99.2	88 - 110
		Matrix Spike Duplicate	0802245-02	ND	10.000	10.000	ug/L		100	88 - 110
4-Bromofluorobenzene (Surrogate)	BRB1546	Matrix Spike	0802245-02	ND	10.610	10.000	ug/L		106	86 - 115
		Matrix Spike Duplicate	0802245-02	ND	10.330	10.000	ug/L		103	86 - 115

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Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		
									Percent Recovery	RPD	Percent Recovery Lab Quals
Diesel Range Organics (C12 - C24)	BRB1904	Matrix Spike	0801068-61	0	447.99	500.00	ug/L		89.6		36 - 130
		Matrix Spike Duplicate	0801068-61	0	423.46	500.00	ug/L	5.6	84.7	30	36 - 130
Tetracosane (Surrogate)	BRB1904	Matrix Spike	0801068-61	ND	15.733	20.000	ug/L		78.7		28 - 139
		Matrix Spike Duplicate	0801068-61	ND	14.885	20.000	ug/L		74.4		28 - 139
Diesel Range Organics (C12 - C24)	BRC0024	Matrix Spike	0802310-25	7443.7	7469.0	16.447	mg/kg		154		40 - 137 A01,Q03
		Matrix Spike Duplicate	0802310-25	7443.7	6398.2	16.502	mg/kg	210	-6340	30	40 - 137 A01,Q02,Q03
Tetracosane (Surrogate)	BRC0024	Matrix Spike	0802310-25	ND	0	0.65789	mg/kg		0		34 - 136 A01,A17
		Matrix Spike Duplicate	0802310-25	ND	0	0.66007	mg/kg		0		34 - 136 A01,A17
Diesel Range Organics (C12 - C24)	BRC0288	Matrix Spike	0801068-59	0	13.913	16.722	mg/kg		83.2		40 - 137
		Matrix Spike Duplicate	0801068-59	0	16.826	16.835	mg/kg	18.2	99.9	30	40 - 137
Tetracosane (Surrogate)	BRC0288	Matrix Spike	0801068-59	ND	0.47371	0.66890	mg/kg		70.8		34 - 136
		Matrix Spike Duplicate	0801068-59	ND	0.59710	0.67340	mg/kg		88.7		34 - 136

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BRB1345	BRB1345-BS1	LCS	0.11757	0.12500	0.0050	mg/kg	94.1		70 - 130		
Toluene	BRB1345	BRB1345-BS1	LCS	0.12814	0.12500	0.0050	mg/kg	103		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRB1345	BRB1345-BS1	LCS	0.047648	0.050000		mg/kg	95.3		70 - 121		
Toluene-d8 (Surrogate)	BRB1345	BRB1345-BS1	LCS	0.051123	0.050000		mg/kg	102		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRB1345	BRB1345-BS1	LCS	0.049705	0.050000		mg/kg	99.4		74 - 121		
Benzene	BRB1433	BRB1433-BS1	LCS	0.12036	0.12500	0.0050	mg/kg	96.3		70 - 130		
Toluene	BRB1433	BRB1433-BS1	LCS	0.12893	0.12500	0.0050	mg/kg	103		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRB1433	BRB1433-BS1	LCS	0.048194	0.050000		mg/kg	96.4		70 - 121		
Toluene-d8 (Surrogate)	BRB1433	BRB1433-BS1	LCS	0.051012	0.050000		mg/kg	102		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRB1433	BRB1433-BS1	LCS	0.046063	0.050000		mg/kg	92.1		74 - 121		
Benzene	BRB1546	BRB1546-BS1	LCS	27.480	25.000	0.50	ug/L	110		70 - 130		
Toluene	BRB1546	BRB1546-BS1	LCS	26.170	25.000	0.50	ug/L	105		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRB1546	BRB1546-BS1	LCS	9.7700	10.000		ug/L	97.7		76 - 114		
Toluene-d8 (Surrogate)	BRB1546	BRB1546-BS1	LCS	9.8700	10.000		ug/L	98.7		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRB1546	BRB1546-BS1	LCS	10.420	10.000		ug/L	104		86 - 115		

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Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quais
										Percent Recovery	RPD	
Diesel Range Organics (C12 - C24)	BRB1904	BRB1904-BS1	LCS	477.69	500.00	50	ug/L	95.5		48 - 125		
Tetracosane (Surrogate)	BRB1904	BRB1904-BS1	LCS	15.522	20.000		ug/L	77.6		28 - 139		
Diesel Range Organics (C12 - C24)	BRC0024	BRC0024-BS1	LCS	12.833	16.447	2.0	mg/kg	78.0		50 - 136		
Tetracosane (Surrogate)	BRC0024	BRC0024-BS1	LCS	0.52447	0.65789		mg/kg	79.7		34 - 136		
Diesel Range Organics (C12 - C24)	BRC0288	BRC0288-BS1	LCS	14.754	16.779	2.0	mg/kg	87.9		50 - 136		
Tetracosane (Surrogate)	BRC0288	BRC0288-BS1	LCS	0.52430	0.67114		mg/kg	78.1		34 - 136		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Toluene	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRB1345	BRB1345-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
t-Butyl alcohol	BRB1345	BRB1345-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Ethanol	BRB1345	BRB1345-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRB1345	BRB1345-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRB1345	BRB1345-BLK1	94.9	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRB1345	BRB1345-BLK1	92.7	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRB1345	BRB1345-BLK1	97.2	%	74 - 121 (LCL - UCL)		
Benzene	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Toluene	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRB1433	BRB1433-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/10/2008 16:51

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
t-Butyl alcohol	BRB1433	BRB1433-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Ethanol	BRB1433	BRB1433-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRB1433	BRB1433-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRB1433	BRB1433-BLK1	99.6	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRB1433	BRB1433-BLK1	95.2	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRB1433	BRB1433-BLK1	95.3	%	74 - 121 (LCL - UCL)		
Benzene	BRB1546	BRB1546-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BRB1546	BRB1546-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRB1546	BRB1546-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRB1546	BRB1546-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRB1546	BRB1546-BLK1	ND	ug/L	0.50		
Toluene	BRB1546	BRB1546-BLK1	ND	ug/L	0.50		
Total Xylenes	BRB1546	BRB1546-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRB1546	BRB1546-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BRB1546	BRB1546-BLK1	ND	ug/L	10		
Diisopropyl ether	BRB1546	BRB1546-BLK1	ND	ug/L	0.50		
Ethanol	BRB1546	BRB1546-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRB1546	BRB1546-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRB1546	BRB1546-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRB1546	BRB1546-BLK1	100	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRB1546	BRB1546-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRB1546	BRB1546-BLK1	101	%	86 - 115 (LCL - UCL)		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/10/2008 16:51

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BRB1904	BRB1904-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BRB1904	BRB1904-BLK1	96.2	%	28 - 139 (LCL - UCL)		
Diesel Range Organics (C12 - C24)	BRC0024	BRC0024-BLK1	ND	mg/kg	2.0		
Tetracosane (Surrogate)	BRC0024	BRC0024-BLK1	71.0	%	34 - 136 (LCL - UCL)		
Diesel Range Organics (C12 - C24)	BRC0288	BRC0288-BLK1	ND	mg/kg	2.0		
Tetracosane (Surrogate)	BRC0288	BRC0288-BLK1	83.2	%	34 - 136 (LCL - UCL)		

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Reported: 03/10/2008 16:51

Notes And Definitions

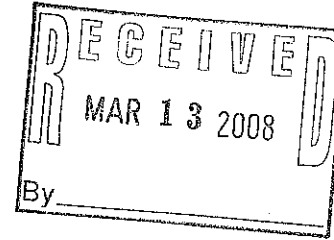
MDL Method Detection Limit
ND Analyte Not Detected at or above the reporting limit
PQL Practical Quantitation Limit
RPD Relative Percent Difference
A01 PQL's and MDL's are raised due to sample dilution.
A17 Surrogate not reportable due to sample dilution.
A18 Surrogate not reportable due to matrix interference.
A90 TPPH does not exhibit a "gasoline" pattern. TPPH is entirely due to MTBE.
Q02 Matrix spike precision is not within the control limits.
Q03 Matrix spike recovery(s) is(are) not within the control limits.



Date of Report: 03/07/2008

Daniel Davis

Delta Environmental Consultants, Inc.
3164 Gold Camp Road, Suite 200
Rancho Cordova, CA 95670



RE: 7376

BC Work Order: 0802338

Enclosed are the results of analyses for samples received by the laboratory on 02/20/2008 20:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

Submission #: 0802339

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery BC Lab Field Service Other (Specify) #

SHIPPING CONTAINER

Ice Chest None Box Other (Specify)

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals: Ice Chest Containers None Intact? Yes No Intact? Yes No Comments:

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received YES NO

Ice Chest ID
Temperature: 3.7 °C
Thermometer ID: 48

Emissivity .97
Container GTA

Date/Time 2-20-8
2058
Analyst Init AZ

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A	5								
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER	B									
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE		A	A							
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:
Sample Numbering Completed By: [Signature] Date/Time: 2-20-8 2320

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:	Global ID:	Matrix:	Sample QC Type (SACode):	Cooler ID:
0802338-01	COC Number:	---		02/20/2008 20:55	02/20/2008 07:30	---	Water		T0600100101	W	CS	
	Project Number:	7376										
	Sampling Location:	CP-2D										
	Sampling Point:	CP-2D										
	Sampled By:	DECR										
0802338-02	COC Number:	---		02/20/2008 20:55	02/20/2008 13:45	---	Solids		T0600100101	SO	CS	
	Project Number:	7376										
	Sampling Location:	CP-3										
	Sampling Point:	CP-3@29.5-30.0										
	Sampled By:	DECR										
0802338-03	COC Number:	---		02/20/2008 20:55	02/20/2008 16:06	---	Solids		T0600100101	SO	CS	
	Project Number:	7376										
	Sampling Location:	CP-3										
	Sampling Point:	CP-3@84.5-85.0										
	Sampled By:	DECR										

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802338-01													
Client Sample Name:	7376, CP-2D, CP-2D, 2/20/2008 7:30:00AM													
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	0.67	ug/L	0.50		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
Ethylbenzene	ND	ug/L	0.50		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
Methyl t-butyl ether	1.4	ug/L	0.50		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
Toluene	ND	ug/L	0.50		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
Total Xylenes	ND	ug/L	1.0		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
Ethanol	ND	ug/L	250		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
Toluene-d8 (Surrogate)	99.2	%	88 - 110 (LCL - UCL)		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		
4-Bromofluorobenzene (Surrogate)	97.9	%	86 - 115 (LCL - UCL)		EPA-8260	02/26/08	02/27/08 22:29	ANO	MS-V4	1	BRB1438	ND		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Total Petroleum Hydrocarbons

BCL Sample ID: 0802338-01		Client Sample Name: 7376, CP-2D, CP-2D, 2/20/2008 7:30:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	150	ug/L	50		Luft/TPHd	02/26/08	03/01/08 01:34	PTL	GC-5	1	BRB1904	ND	
Tetracosane (Surrogate)	52.3	%	28 - 139 (LCL - UCL)		Luft/TPHd	02/26/08	03/01/08 01:34	PTL	GC-5	1	BRB1904		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802338-02												
Client Sample Name:	7376, CP-3, CP-3@29.5-30.0, 2/20/2008 1:45:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190	ND	
1,2-Dichloroethane-d4 (Surrogate)	89.1	%	70 - 121 (LCL - UCL)		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190		
Toluene-d8 (Surrogate)	94.4	%	81 - 117 (LCL - UCL)		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190		
4-Bromofluorobenzene (Surrogate)	95.8	%	74 - 121 (LCL - UCL)		EPA-8260	02/20/08	02/21/08 17:59	JSK	MS-V3	1	BRB1190		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Total Petroleum Hydrocarbons

BCL Sample ID: 0802338-02	Client Sample Name: 7376, CP-3, CP-3@29.5-30.0, 2/20/2008 1:45:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/03/08 22:48	PTL	GC-5	0.984	BRC0024	ND	
Tetracosane (Surrogate)	68.2	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/03/08 22:48	PTL	GC-5	0.984	BRC0024		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802338-03		Client Sample Name: 7376, CP-3, CP-3@84.5-85.0, 2/20/2008 4:06:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.0	%	70 - 121 (LCL - UCL)		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190		
Toluene-d8 (Surrogate)	98.2	%	81 - 117 (LCL - UCL)		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190		
4-Bromofluorobenzene (Surrogate)	92.2	%	74 - 121 (LCL - UCL)		EPA-8260	02/20/08	02/21/08 18:25	JSK	MS-V3	1	BRB1190		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Total Petroleum Hydrocarbons

BCL Sample ID: 0802338-03	Client Sample Name: 7376, CP-3, CP-3@84.5-85.0, 2/20/2008 4:06:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/03/08 23:02	PTL	GC-5	0.990	BRC0024	ND	
Tetracosane (Surrogate)	64.6	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/03/08 23:02	PTL	GC-5	0.990	BRC0024		

Delta Environmental Consultants, Inc.
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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Benzene	BRB1190	Matrix Spike	0801068-58	0	0.12812	0.12500	mg/kg		102		70 - 130
		Matrix Spike Duplicate	0801068-58	0	0.11936	0.12500	mg/kg	6.6	95.5	20	70 - 130
Toluene	BRB1190	Matrix Spike	0801068-58	0	0.12338	0.12500	mg/kg		98.7		70 - 130
		Matrix Spike Duplicate	0801068-58	0	0.11762	0.12500	mg/kg	4.8	94.1	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRB1190	Matrix Spike	0801068-58	ND	0.050503	0.050000	mg/kg		101		70 - 121
		Matrix Spike Duplicate	0801068-58	ND	0.049826	0.050000	mg/kg		99.7		70 - 121
Toluene-d8 (Surrogate)	BRB1190	Matrix Spike	0801068-58	ND	0.047214	0.050000	mg/kg		94.4		81 - 117
		Matrix Spike Duplicate	0801068-58	ND	0.050166	0.050000	mg/kg		100		81 - 117
4-Bromofluorobenzene (Surrogate)	BRB1190	Matrix Spike	0801068-58	ND	0.049806	0.050000	mg/kg		99.6		74 - 121
		Matrix Spike Duplicate	0801068-58	ND	0.050338	0.050000	mg/kg		101		74 - 121
Benzene	BRB1438	Matrix Spike	0802307-03	0	25.710	25.000	ug/L		103		70 - 130
		Matrix Spike Duplicate	0802307-03	0	25.920	25.000	ug/L	1.0	104	20	70 - 130
Toluene	BRB1438	Matrix Spike	0802307-03	0	27.100	25.000	ug/L		108		70 - 130
		Matrix Spike Duplicate	0802307-03	0	26.080	25.000	ug/L	3.8	104	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRB1438	Matrix Spike	0802307-03	ND	9.8100	10.000	ug/L		98.1		76 - 114
		Matrix Spike Duplicate	0802307-03	ND	9.9700	10.000	ug/L		99.7		76 - 114
Toluene-d8 (Surrogate)	BRB1438	Matrix Spike	0802307-03	ND	10.260	10.000	ug/L		103		88 - 110
		Matrix Spike Duplicate	0802307-03	ND	9.9400	10.000	ug/L		99.4		88 - 110
4-Bromofluorobenzene (Surrogate)	BRB1438	Matrix Spike	0802307-03	ND	9.8100	10.000	ug/L		98.1		86 - 115
		Matrix Spike Duplicate	0802307-03	ND	9.8500	10.000	ug/L		98.5		86 - 115

Delta Environmental Consultants, Inc.
 3164 Gold Camp Road, Suite 200
 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Total Petroleum Hydrocarbons Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
										RPD	Percent Recovery	
Diesel Range Organics (C12 - C24)	BRB1904	Matrix Spike	0801068-61	0	447.99	500.00	ug/L		89.6		36 - 130	
		Matrix Spike Duplicate	0801068-61	0	423.46	500.00	ug/L	5.6	84.7	30	36 - 130	
Tetracosane (Surrogate)	BRB1904	Matrix Spike	0801068-61	ND	15.733	20.000	ug/L		78.7		28 - 139	
		Matrix Spike Duplicate	0801068-61	ND	14.885	20.000	ug/L		74.4		28 - 139	
Diesel Range Organics (C12 - C24)	BRC0024	Matrix Spike	0802310-25	7443.7	7469.0	16.447	mg/kg		154		40 - 137	A01,Q03
		Matrix Spike Duplicate	0802310-25	7443.7	6398.2	16.502	mg/kg	210	-6340	30	40 - 137	A01,Q02,Q03
Tetracosane (Surrogate)	BRC0024	Matrix Spike	0802310-25	ND	0	0.65789	mg/kg		0		34 - 136	A01,A17
		Matrix Spike Duplicate	0802310-25	ND	0	0.66007	mg/kg		0		34 - 136	A01,A17

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BRB1190	BRB1190-BS1	LCS	0.12152	0.12500	0.0050	mg/kg	97.2		70 - 130		
Toluene	BRB1190	BRB1190-BS1	LCS	0.12153	0.12500	0.0050	mg/kg	97.2		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRB1190	BRB1190-BS1	LCS	0.047554	0.050000		mg/kg	95.1		70 - 121		
Toluene-d8 (Surrogate)	BRB1190	BRB1190-BS1	LCS	0.050730	0.050000		mg/kg	101		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRB1190	BRB1190-BS1	LCS	0.049441	0.050000		mg/kg	98.9		74 - 121		
Benzene	BRB1438	BRB1438-BS1	LCS	25.610	25.000	0.50	ug/L	102		70 - 130		
Toluene	BRB1438	BRB1438-BS1	LCS	25.510	25.000	0.50	ug/L	102		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRB1438	BRB1438-BS1	LCS	9.7300	10.000		ug/L	97.3		76 - 114		
Toluene-d8 (Surrogate)	BRB1438	BRB1438-BS1	LCS	9.8900	10.000		ug/L	98.9		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRB1438	BRB1438-BS1	LCS	9.6900	10.000		ug/L	96.9		86 - 115		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Diesel Range Organics (C12 - C24)	BRB1904	BRB1904-BS1	LCS	477.69	500.00	50	ug/L	95.5		48 - 125		
Tetracosane (Surrogate)	BRB1904	BRB1904-BS1	LCS	15.522	20.000		ug/L	77.6		28 - 139		
Diesel Range Organics (C12 - C24)	BRC0024	BRC0024-BS1	LCS	12.833	16.447	2.0	mg/kg	78.0		50 - 136		
Tetracosane (Surrogate)	BRC0024	BRC0024-BS1	LCS	0.52447	0.65789		mg/kg	79.7		34 - 136		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRB1190	BRB1190-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRB1190	BRB1190-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRB1190	BRB1190-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRB1190	BRB1190-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRB1190	BRB1190-BLK1	ND	mg/kg	0.0050		
Toluene	BRB1190	BRB1190-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRB1190	BRB1190-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRB1190	BRB1190-BLK1	ND	mg/kg	0.0050		
t-Butyl alcohol	BRB1190	BRB1190-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRB1190	BRB1190-BLK1	ND	mg/kg	0.0050		
Ethanol	BRB1190	BRB1190-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRB1190	BRB1190-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRB1190	BRB1190-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRB1190	BRB1190-BLK1	88.8	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRB1190	BRB1190-BLK1	99.2	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRB1190	BRB1190-BLK1	97.6	%	74 - 121 (LCL - UCL)		
Benzene	BRB1438	BRB1438-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRB1438	BRB1438-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRB1438	BRB1438-BLK1	ND	ug/L	0.50		
Toluene	BRB1438	BRB1438-BLK1	ND	ug/L	0.50		
Total Xylenes	BRB1438	BRB1438-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRB1438	BRB1438-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BRB1438	BRB1438-BLK1	ND	ug/L	10		
Diisopropyl ether	BRB1438	BRB1438-BLK1	ND	ug/L	0.50		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Ethanol	BRB1438	BRB1438-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRB1438	BRB1438-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRB1438	BRB1438-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRB1438	BRB1438-BLK1	93.8	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRB1438	BRB1438-BLK1	99.6	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRB1438	BRB1438-BLK1	96.3	%	86 - 115 (LCL - UCL)		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BRB1904	BRB1904-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BRB1904	BRB1904-BLK1	96.2	%	28 - 139 (LCL - UCL)		
Diesel Range Organics (C12 - C24)	BRC0024	BRC0024-BLK1	ND	mg/kg	2.0		
Tetracosane (Surrogate)	BRC0024	BRC0024-BLK1	71.0	%	34 - 136 (LCL - UCL)		

Delta Environmental Consultants, Inc.
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Rancho Cordova, CA 95670

Project: 7376
Project Number: [none]
Project Manager: Daniel Davis

Reported: 03/07/2008 11:07

Notes And Definitions

MDL Method Detection Limit
ND Analyte Not Detected at or above the reporting limit
PQL Practical Quantitation Limit
RPD Relative Percent Difference
A01 PQL's and MDL's are raised due to sample dilution.
A17 Surrogate not reportable due to sample dilution.
Q02 Matrix spike precision is not within the control limits.
Q03 Matrix spike recovery(s) is(are) not within the control limits.



Date of Report: 03/07/2008

Daniel Davis

Delta Environmental Consultants, Inc.
3164 Gold Camp Road, Suite 200
Rancho Cordova, CA 95670

RE: 7376

BC Work Order: 0802475

Enclosed are the results of analyses for samples received by the laboratory on 02/21/2008 22:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Molly Meyers". The signature is written in a cursive style and is positioned above a horizontal line.

Contact Person: Molly Meyers
Client Service Rep

A handwritten signature in black ink, which is illegible due to its cursive style. It is positioned above a horizontal line.

Authorized Signature

BC Laboratories, Inc.

0802475

ConocoPhillips Chain Of Custody Record

4100 Atlas Court
Bakersfield, CA 93308

(661) 327-4911 (661) 327-1918 fax

ConocoPhillips Site Manager: Bill Borgh
INVOICE REMITTANCE ADDRESS:
CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips SAP Project Number
ConocoPhillips Requisition/Line Number

DATE: 2/21/08
PAGE: 1 of 1

SAMPLING COMPANY: Delta Consultants		Valid Value ID:	CONOCOPHILLIPS SITE NUMBER 7376		GLOBAL ID NO.: T0600100101
ADDRESS: 3164 Gold Camp Drive, Suite 200 Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 4191 First Street, Pleasanton, California			CONOCOPHILLIPS SITE MANAGER: Bill Borgh
PROJECT CONTACT (Hardcopy or PDF Report to): Daniel J. Davis and Lisa Stelzner		EDF DELIVERABLE TO (RP or Designee): Lisa Stelzner		PHONE NO.: 916-503-1268	E-MAIL: lstelzner@deltaenv.com
TELEPHONE: 916-503-1260	FAX: 916-638-8385	E-MAIL: ddavis@deltaenv.com		LAB USE ONLY	
SAMPLER NAME(S) (Print): Lisa Stelzner and Meghann Hurt		CONSULTANT PROJECT NUMBER: C107376002		REQUESTED ANALYSES	

TURNAROUND TIME (CALENDAR DAYS):
 14 DAYS 7 DAYS 72 HOURS 48 HOURS 24 HOURS LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED
 Please fax copy of COC to L. Stelzner at 916-638-8385

* Field Point name only required if different from Sample ID

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING		MATRIX	NO. OF CONT.	8015M - TPH-D	8260B - TPPH/BTEX/8 Oxygenates	8015M - TPH-G/BTEX/MTBE	6010 - Lead <input type="checkbox"/> Total <input type="checkbox"/> STLCLP <input type="checkbox"/>															FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	TEMPERATURE ON RECEIPT C°				
		DATE	TIME																										
	CP-3D / CP-3	2/20/08	17:24	Water	7	X	X																				1 Amber @ 6 HCl voas		
	CP-4 @ 54.5'-55' / CP-4	2/21/08	13:31	Soil	1	X	X																						
	CP-4 @ 64.5'-65' / CP-4	2/21/08	14:04	Soil	1	X	X																						
	CP-4 @ 74.5'-75' / CP-4	2/21/08	14:54	Soil	1	X	X																						
	CP-4D / CP-4	2/21/08	16:03	Water	7	X	X																					1 Amber @ 6 HCl voas	

CHK BY: [Signature]
 DISTRIBUTION: [Signature]
 SUB-OUT:

Relinquished by: (Signature) [Signature]	Received by: (Signature) Ross Wickey BC LAB	Date: 2/21/08	Time: 1700
Relinquished by: (Signature) Ross Wickey 2/21/08	Received by: (Signature) [Signature]	Date: 2-21-08	Time: 1835
Relinquished by: (Signature) [Signature]	Received by: (Signature) [Signature]	Date: 2-21-8	Time: 2215

Please fax copy to 2915 1916-638-8385

9/19/03 Revision

Submission #: 0802475

Project Code: _____

TB Batch # _____

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER

Ice Chest None
 Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments: _____

Custody Seals: Ice Chest Containers None Comments: _____
 Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received
 YES NO

Ice Chest ID: Red
 Temperature: 5.2 °C
 Thermometer ID: IN080

Emissivity: .97
 Container: amber

Date/Time: 2/21 2007
 Analyst Init: LDW

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE /NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A	(((A	(((((
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER	B				B					
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE		A	A	A						
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: _____

Sample Numbering Completed By: FMA

Date/Time: 2-22-08 1430

Delta Environmental Consultants, Inc.
 3164 Gold Camp Road, Suite 200
 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:08

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:	Global ID:	Matrix:	Sample QC Type (SACode):	Cooler ID:
0802475-01	COC Number:	---		02/21/2008 22:15	02/20/2008 17:24	---	Water		T0600100101	W	CS	
	Project Number:	7376										
	Sampling Location:	CP-3D										
	Sampling Point:	CP-3D										
	Sampled By:	DECR										
0802475-02	COC Number:	---		02/21/2008 22:15	02/21/2008 13:31	---	Solids		T0600100101	SO	CS	
	Project Number:	7376										
	Sampling Location:	CP-4										
	Sampling Point:	CP-4 @ 54.5'-55'										
	Sampled By:	DECR										
0802475-03	COC Number:	---		02/21/2008 22:15	02/21/2008 14:04	---	Solids		T0600100101	SO	CS	
	Project Number:	7376										
	Sampling Location:	CP-4										
	Sampling Point:	CP-4 @ 64.5-65'										
	Sampled By:	DECR										
0802475-04	COC Number:	---		02/21/2008 22:15	02/21/2008 14:54	---	Solids		T0600100101	SO	CS	
	Project Number:	7376										
	Sampling Location:	CP-4										
	Sampling Point:	CP-4 @ 74.5-75'										
	Sampled By:	DECR										
0802475-05	COC Number:	---		02/21/2008 22:15	02/21/2008 16:03	---	Water		T0600100101	W	CS	
	Project Number:	7376										
	Sampling Location:	CP-4D										
	Sampling Point:	CP-4D										
	Sampled By:	DECR										

Delta Environmental Consultants, Inc.
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 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:08

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802475-01		Client Sample Name: 7376, CP-3D, CP-3D, 2/20/2008 5:24:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
Toluene	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
Ethanol	ND	ug/L	250		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.3	%	76 - 114 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001		
Toluene-d8 (Surrogate)	97.4	%	88 - 110 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001		
4-Bromofluorobenzene (Surrogate)	94.5	%	86 - 115 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 22:54	ANO	MS-V4	1	BRC0001		

Delta Environmental Consultants, Inc.
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 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:08

Total Petroleum Hydrocarbons

BCL Sample ID: 0802475-01	Client Sample Name: 7376, CP-3D, CP-3D, 2/20/2008 5:24:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	140	ug/L	120		Luft/TPHd	02/26/08	03/02/08 15:25	PTL	GC-5	2.326	BRB1904	ND	
Tetracosane (Surrogate)	53.5	%	28 - 139 (LCL - UCL)		Luft/TPHd	02/26/08	03/02/08 15:25	PTL	GC-5	2.326	BRB1904		

Delta Environmental Consultants, Inc.
 3164 Gold Camp Road, Suite 200
 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:08

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802475-02												
Client Sample Name:	7376, CP-4, CP-4 @ 54.5'-55', 2/21/2008 1:31:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.4	%	70 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345		
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345		
4-Bromofluorobenzene (Surrogate)	97.6	%	74 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 13:43	LHS	MS-V2	1	BRB1345		

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 Project Number: [none]
 Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802475-02	Client Sample Name: 7376, CP-4, CP-4 @ 54.5'-55', 2/21/2008 1:31:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/03/08 23:16	PTL	GC-5	0.993	BRC0024	ND	
Tetracosane (Surrogate)	67.6	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/03/08 23:16	PTL	GC-5	0.993	BRC0024		

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 Project Number: [none]
 Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802475-03		Client Sample Name: 7376, CP-4, CP-4 @ 64.5-65', 2/21/2008 2:04:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.3	%	70 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345		
4-Bromofluorobenzene (Surrogate)	97.8	%	74 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 14:10	LHS	MS-V2	1	BRB1345		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802475-03	Client Sample Name: 7376, CP-4, CP-4 @ 64.5-65', 2/21/2008 2:04:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/03/08 23:30	PTL	GC-5	0.997	BRC0024	ND	
Tetracosane (Surrogate)	53.8	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/03/08 23:30	PTL	GC-5	0.997	BRC0024		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802475-04		Client Sample Name:	7376, CP-4, CP-4 @ 74.5-75', 2/21/2008 2:54:00PM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345	ND	
1,2-Dichloroethane-d4 (Surrogate)	92.7	%	70 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345		
Toluene-d8 (Surrogate)	107	%	81 - 117 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345		
4-Bromofluorobenzene (Surrogate)	97.1	%	74 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 14:36	LHS	MS-V2	1	BRB1345		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802475-04	Client Sample Name: 7376, CP-4, CP-4 @ 74.5-75', 2/21/2008 2:54:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	02/26/08	03/03/08 23:44	PTL	GC-5	1	BRC0024	ND	
Tetracosane (Surrogate)	62.5	%	34 - 136 (LCL - UCL)		Luft/TPHd	02/26/08	03/03/08 23:44	PTL	GC-5	1	BRC0024		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802475-05		Client Sample Name:	7376, CP-4D, CP-4D, 2/21/2008 4:03:00PM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
1,2-Dichloroethane	0.68	ug/L	0.50		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
Methyl t-butyl ether	4.8	ug/L	0.50		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
Toluene	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
Ethanol	ND	ug/L	250		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001		
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001		
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 23:18	ANO	MS-V4	1	BRC0001		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802475-05	Client Sample Name: 7376, CP-4D, CP-4D, 2/21/2008 4:03:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	69	ug/L	50		Luft/TPHd	02/26/08	03/01/08 02:17	PTL	GC-5	1.042	BRB1904	ND	
Tetracosane (Surrogate)	53.4	%	28 - 139 (LCL - UCL)		Luft/TPHd	02/26/08	03/01/08 02:17	PTL	GC-5	1.042	BRB1904		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Benzene	BRB1345	Matrix Spike	0801068-82	0	0.12438	0.12500	mg/kg		99.5		70 - 130
		Matrix Spike Duplicate	0801068-82	0	0.11800	0.12500	mg/kg	5.3	94.4	20	70 - 130
Toluene	BRB1345	Matrix Spike	0801068-82	0	0.13120	0.12500	mg/kg		105		70 - 130
		Matrix Spike Duplicate	0801068-82	0	0.12920	0.12500	mg/kg	1.9	103	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRB1345	Matrix Spike	0801068-82	ND	0.048004	0.050000	mg/kg		96.0		70 - 121
		Matrix Spike Duplicate	0801068-82	ND	0.046538	0.050000	mg/kg		93.1		70 - 121
Toluene-d8 (Surrogate)	BRB1345	Matrix Spike	0801068-82	ND	0.051196	0.050000	mg/kg		102		81 - 117
		Matrix Spike Duplicate	0801068-82	ND	0.050764	0.050000	mg/kg		102		81 - 117
4-Bromofluorobenzene (Surrogate)	BRB1345	Matrix Spike	0801068-82	ND	0.043875	0.050000	mg/kg		87.8		74 - 121
		Matrix Spike Duplicate	0801068-82	ND	0.049093	0.050000	mg/kg		98.2		74 - 121
Benzene	BRC0001	Matrix Spike	0802254-01	0	26.460	25.000	ug/L		106		70 - 130
		Matrix Spike Duplicate	0802254-01	0	26.900	25.000	ug/L	1.9	108	20	70 - 130
Toluene	BRC0001	Matrix Spike	0802254-01	0	26.980	25.000	ug/L		108		70 - 130
		Matrix Spike Duplicate	0802254-01	0	27.400	25.000	ug/L	1.8	110	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRC0001	Matrix Spike	0802254-01	ND	9.6800	10.000	ug/L		96.8		76 - 114
		Matrix Spike Duplicate	0802254-01	ND	9.9200	10.000	ug/L		99.2		76 - 114
Toluene-d8 (Surrogate)	BRC0001	Matrix Spike	0802254-01	ND	10.100	10.000	ug/L		101		88 - 110
		Matrix Spike Duplicate	0802254-01	ND	10.140	10.000	ug/L		101		88 - 110
4-Bromofluorobenzene (Surrogate)	BRC0001	Matrix Spike	0802254-01	ND	9.8800	10.000	ug/L		98.8		86 - 115
		Matrix Spike Duplicate	0802254-01	ND	9.5700	10.000	ug/L		95.7		86 - 115

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Total Petroleum Hydrocarbons Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
										RPD	Percent Recovery	
Diesel Range Organics (C12 - C24)	BRB1904	Matrix Spike	0801068-61	0	447.99	500.00	ug/L		89.6		36 - 130	
		Matrix Spike Duplicate	0801068-61	0	423.46	500.00	ug/L	5.6	84.7	30	36 - 130	
Tetracosane (Surrogate)	BRB1904	Matrix Spike	0801068-61	ND	15.733	20.000	ug/L		78.7		28 - 139	
		Matrix Spike Duplicate	0801068-61	ND	14.885	20.000	ug/L		74.4		28 - 139	
Diesel Range Organics (C12 - C24)	BRC0024	Matrix Spike	0802310-25	7443.7	7469.0	16.447	mg/kg		154		40 - 137	A01,Q03
		Matrix Spike Duplicate	0802310-25	7443.7	6398.2	16.502	mg/kg	210	-6340	30	40 - 137	A01,Q02,Q03
Tetracosane (Surrogate)	BRC0024	Matrix Spike	0802310-25	ND	0	0.65789	mg/kg		0		34 - 136	A01,A17
		Matrix Spike Duplicate	0802310-25	ND	0	0.66007	mg/kg		0		34 - 136	A01,A17

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BRB1345	BRB1345-BS1	LCS	0.11757	0.12500	0.0050	mg/kg	94.1		70 - 130		
Toluene	BRB1345	BRB1345-BS1	LCS	0.12814	0.12500	0.0050	mg/kg	103		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRB1345	BRB1345-BS1	LCS	0.047648	0.050000		mg/kg	95.3		70 - 121		
Toluene-d8 (Surrogate)	BRB1345	BRB1345-BS1	LCS	0.051123	0.050000		mg/kg	102		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRB1345	BRB1345-BS1	LCS	0.049705	0.050000		mg/kg	99.4		74 - 121		
Benzene	BRC0001	BRC0001-BS1	LCS	23.550	25.000	0.50	ug/L	94.2		70 - 130		
Toluene	BRC0001	BRC0001-BS1	LCS	24.040	25.000	0.50	ug/L	96.2		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRC0001	BRC0001-BS1	LCS	10.110	10.000		ug/L	101		76 - 114		
Toluene-d8 (Surrogate)	BRC0001	BRC0001-BS1	LCS	10.330	10.000		ug/L	103		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRC0001	BRC0001-BS1	LCS	9.8400	10.000		ug/L	98.4		86 - 115		

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Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Diesel Range Organics (C12 - C24)	BRB1904	BRB1904-BS1	LCS	477.69	500.00	50	ug/L	95.5		48 - 125		
Tetracosane (Surrogate)	BRB1904	BRB1904-BS1	LCS	15.522	20.000		ug/L	77.6		28 - 139		
Diesel Range Organics (C12 - C24)	BRC0024	BRC0024-BS1	LCS	12.833	16.447	2.0	mg/kg	78.0		50 - 136		
Tetracosane (Surrogate)	BRC0024	BRC0024-BS1	LCS	0.52447	0.65789		mg/kg	79.7		34 - 136		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Toluene	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRB1345	BRB1345-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
t-Butyl alcohol	BRB1345	BRB1345-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Ethanol	BRB1345	BRB1345-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRB1345	BRB1345-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRB1345	BRB1345-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRB1345	BRB1345-BLK1	94.9	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRB1345	BRB1345-BLK1	92.7	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRB1345	BRB1345-BLK1	97.2	%	74 - 121 (LCL - UCL)		
Benzene	BRC0001	BRC0001-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BRC0001	BRC0001-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRC0001	BRC0001-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRC0001	BRC0001-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRC0001	BRC0001-BLK1	ND	ug/L	0.50		
Toluene	BRC0001	BRC0001-BLK1	ND	ug/L	0.50		
Total Xylenes	BRC0001	BRC0001-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRC0001	BRC0001-BLK1	ND	ug/L	0.50		

Delta Environmental Consultants, Inc.
 3164 Gold Camp Road, Suite 200
 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:08

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
t-Butyl alcohol	BRC0001	BRC0001-BLK1	ND	ug/L	10		
Diisopropyl ether	BRC0001	BRC0001-BLK1	ND	ug/L	0.50		
Ethanol	BRC0001	BRC0001-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRC0001	BRC0001-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRC0001	BRC0001-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRC0001	BRC0001-BLK1	98.2	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRC0001	BRC0001-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRC0001	BRC0001-BLK1	96.8	%	86 - 115 (LCL - UCL)		

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 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/07/2008 11:08

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BRB1904	BRB1904-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BRB1904	BRB1904-BLK1	96.2	%	28 - 139 (LCL - UCL)		
Diesel Range Organics (C12 - C24)	BRC0024	BRC0024-BLK1	ND	mg/kg	2.0		
Tetracosane (Surrogate)	BRC0024	BRC0024-BLK1	71.0	%	34 - 136 (LCL - UCL)		



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Project: 7376
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Reported: 03/07/2008 11:08

Notes And Definitions

- MDL Method Detection Limit
- ND Analyte Not Detected at or above the reporting limit
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference
- A01 PQL's and MDL's are raised due to sample dilution.
- A17 Surrogate not reportable due to sample dilution.
- Q02 Matrix spike precision is not within the control limits.
- Q03 Matrix spike recovery(s) is(are) not within the control limits.



Date of Report: 03/11/2008

Daniel Davis

Delta Environmental Consultants, Inc.
3164 Gold Camp Road, Suite 200
Rancho Cordova, CA 95670

RE: 7376

BC Work Order: 0802507

Enclosed are the results of analyses for samples received by the laboratory on 02/22/2008 20:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Molly Meyers".

Contact Person: Molly Meyers

Client Service Rep

A handwritten signature in black ink, which is stylized and difficult to read.

Authorized Signature

ConocoPhillips Chain Of Custody Record

BC Laboratories, Inc.

4100 Atlas Court

Bakersfield, CA 93308

(661) 327-4911 (661) 327-1918 fax

ConocoPhillips Site Manager: **Bill Borgh**

INVOICE REMITTANCE ADDRESS:

CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips SAP Project Number

ConocoPhillips Requisition/Line Number

DATE: 2/21/08

PAGE: 1 of 1

SAMPLING COMPANY: Delta Consultants		Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 7376	GLOBAL ID NO.: T0600100101
ADDRESS: 3164 Gold Camp Drive, Suite 200 Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 4191 First Street, Pleasanton, California		CONOCOPHILLIPS SITE MANAGER: Bill Borgh
PROJECT CONTACT (Hardcopy or PDF Report to): Daniel J. Davis and Lisa Stelzner		EDF DELIVERABLE TO (RP or Designee): Lisa Stelzner		PHONE NO.: 916-503-1268
TELEPHONE: 916-503-1260	FAX: 916-638-8385	E-MAIL: ddavis@deltaenv.com	E-MAIL: lstelzner@deltaenv.com	
SAMPLER NAME(S) (Print): Lisa Stelzner and Meghann Hurt		CONSULTANT PROJECT NUMBER: C107376002	REQUESTED ANALYSES	

TURNAROUND TIME (CALENDAR DAYS):
 14 DAYS
 7 DAYS
 72 HOURS
 48 HOURS
 24 HOURS
 LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED

Please fax copy of COC to L. Stelzner at 916.638.8385

* Field Point name only required if different from Sample ID

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING		MATRIX	NO. OF CONT.	8015M - TPH-D	8260B - TPH/I/BTEX/8 Oxygenates	8015M - TPH-G/I/BTEX/MTBE	6010 - Lead	Total	ISTLC	DTCLP										
	1 CP-4S / CP-4	2/21/08	17:14	Water	7	X	X															
	2 CP-5E.44.5-45 / CP-5	2/22/08	15:42	Soil	1	X	X															

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

1 Amber = 4 HCl wash

CHK BY [Signature] DISTRIBUTION

 SUB-OUT

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature] BC LAB</i>	Date: 2/23/08	Time: 1545
Relinquished by: (Signature) <i>[Signature] 2/22/08</i>	Received by: (Signature) <i>[Signature]</i>	Date: 2-22-08	Time: 1715
Relinquished by: (Signature) <i>[Signature] 2-22-08</i> 2035	Received by: (Signature) <i>[Signature]</i>	Date: 2/22/08	Time: 2035

Submission #: 0802507

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify)

SHIPPING CONTAINER

Ice Chest None
 Box Other (Specify)

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals: Ice Chest Containers None Comments:

Intact? Yes No

Intact? Yes No

All samples received? Yes No

All samples containers intact? Yes No

Description(s) match COC? Yes No

COC Received
 YES NO

Ice Chest ID
 Temperature: 4.0 °C
 Thermometer ID: 49

Emissivity .97
 Container Amber

Date/Time 2-22-8
2135
 Analyst Init AL

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
YT GENERAL MINERAL/ GENERAL PHYSICAL										
YT PE UNPRESERVED										
YT INORGANIC CHEMICAL METALS										
YT INORGANIC CHEMICAL METALS										
YT CYANIDE										
YT NITROGEN FORMS										
YT TOTAL SULFIDE										
oz. NITRATE /NITRITE										
100ml TOTAL ORGANIC CARBON										
YT TOX										
YT CHEMICAL OXYGEN DEMAND										
TA PHENOLICS										
10ml VOA VIAL TRAVEL BLANK										
10ml VOA VIAL	A.6									
YT EPA 413.1, 413.2, 418.1										
YT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
10 ml VOA VIAL- 504										
YT EPA 508/608/8080										
YT EPA 515.1/8150										
YT EPA 525										
YT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
YT EPA 548										
YT EPA 549										
YT EPA 632										
YT EPA 8015M										
YT QA/QC										
YT AMBER	B									
1 OZ. JAR										
12 OZ. JAR										
SOIL SLEEVE		A								
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:
 Sample Numbering Completed By: AL Date/Time: 2-22-8 0100

Delta Environmental Consultants, Inc.
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 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Delivery Work Order:
0802507-01	COC Number:	---		02/22/2008 20:35	
	Project Number:	7376		02/21/2008 17:14	Global ID: T0600100101
	Sampling Location:	CP-4S		Sample Depth: ---	Matrix: W
	Sampling Point:	CP-4S		Sample Matrix: Water	Sample QC Type (SACode): CS
	Sampled By:	DECR			Cooler ID:
0802507-02	COC Number:	---		02/22/2008 20:35	
	Project Number:	7376		02/22/2008 11:42	Global ID: T0600100101
	Sampling Location:	CP-5		Sample Depth: ---	Matrix: SO
	Sampling Point:	CP-5@44.5-45		Sample Matrix: Solids	Sample QC Type (SACode): CS
	Sampled By:	DECR			Cooler ID:

Delta Environmental Consultants, Inc.
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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802507-01												
Client Sample Name:	7376, CP-4S, CP-4S, 2/21/2008 5:14:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
Total Purgeable Petroleum Hydrocarbons	99	ug/L	50		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875	ND	
1,2-Dichloroethane-d4 (Surrogate)	90.2	%	76 - 114 (LCL - UCL)		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875		
Toluene-d8 (Surrogate)	90.0	%	88 - 110 (LCL - UCL)		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875		
4-Bromofluorobenzene (Surrogate)	95.0	%	86 - 115 (LCL - UCL)		EPA-8260	03/03/08	03/03/08 10:03	mwb	HPCHEM	1	BRB1875		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:27

Total Petroleum Hydrocarbons

BCL Sample ID: 0802507-01	Client Sample Name: 7376, CP-4S, CP-4S, 2/21/2008 5:14:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	83	ug/L	50		Luft/TPHd	03/01/08	03/08/08 00:21	PTL	GC-5	1	BRC0517	ND	
Tetracosane (Surrogate)	58.8	%	28 - 139 (LCL - UCL)		Luft/TPHd	03/01/08	03/08/08 00:21	PTL	GC-5	1	BRC0517		

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 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802507-02												
Client Sample Name:	7376, CP-5, CP-5@44.5-45, 2/22/2008 11:42:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
Methyl t-butyl ether	0.022	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433	ND	
1,2-Dichloroethane-d4 (Surrogate)	96.0	%	70 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433		
Toluene-d8 (Surrogate)	96.3	%	81 - 117 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433		
4-Bromofluorobenzene (Surrogate)	93.4	%	74 - 121 (LCL - UCL)		EPA-8260	02/25/08	02/25/08 15:29	LHS	MS-V2	1	BRB1433		

Delta Environmental Consultants, Inc.
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 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:27

Total Petroleum Hydrocarbons

BCL Sample ID: 0802507-02	Client Sample Name: 7376, CP-5, CP-5@44.5-45, 2/22/2008 11:42:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	03/01/08	03/08/08 07:52	PTL	GC-5	1.007	BRC0405	ND	
Tetracosane (Surrogate)	67.1	%	34 - 136 (LCL - UCL)		Luft/TPHd	03/01/08	03/08/08 07:52	PTL	GC-5	1.007	BRC0405		

Delta Environmental Consultants, Inc.
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 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:27

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Benzene	BRB1433	Matrix Spike	0801068-84	0	0.12119	0.12500	mg/kg		97.0		70 - 130
		Matrix Spike Duplicate	0801068-84	0	0.12119	0.12500	mg/kg	0	97.0	20	70 - 130
Toluene	BRB1433	Matrix Spike	0801068-84	0	0.12641	0.12500	mg/kg		101		70 - 130
		Matrix Spike Duplicate	0801068-84	0	0.12811	0.12500	mg/kg	1.0	102	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRB1433	Matrix Spike	0801068-84	ND	0.051066	0.050000	mg/kg		102		70 - 121
		Matrix Spike Duplicate	0801068-84	ND	0.048522	0.050000	mg/kg		97.0		70 - 121
Toluene-d8 (Surrogate)	BRB1433	Matrix Spike	0801068-84	ND	0.050871	0.050000	mg/kg		102		81 - 117
		Matrix Spike Duplicate	0801068-84	ND	0.050682	0.050000	mg/kg		101		81 - 117
4-Bromofluorobenzene (Surrogate)	BRB1433	Matrix Spike	0801068-84	ND	0.046015	0.050000	mg/kg		92.0		74 - 121
		Matrix Spike Duplicate	0801068-84	ND	0.045712	0.050000	mg/kg		91.4		74 - 121
Benzene	BRB1875	Matrix Spike	0801068-74	0	26.630	25.000	ug/L		107		70 - 130
		Matrix Spike Duplicate	0801068-74	0	26.390	25.000	ug/L	0.9	106	20	70 - 130
Toluene	BRB1875	Matrix Spike	0801068-74	0	26.380	25.000	ug/L		106		70 - 130
		Matrix Spike Duplicate	0801068-74	0	26.320	25.000	ug/L	0.9	105	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRB1875	Matrix Spike	0801068-74	ND	9.9500	10.000	ug/L		99.5		76 - 114
		Matrix Spike Duplicate	0801068-74	ND	9.7800	10.000	ug/L		97.8		76 - 114
Toluene-d8 (Surrogate)	BRB1875	Matrix Spike	0801068-74	ND	10.010	10.000	ug/L		100		88 - 110
		Matrix Spike Duplicate	0801068-74	ND	9.9100	10.000	ug/L		99.1		88 - 110
4-Bromofluorobenzene (Surrogate)	BRB1875	Matrix Spike	0801068-74	ND	9.9000	10.000	ug/L		99.0		86 - 115
		Matrix Spike Duplicate	0801068-74	ND	9.9100	10.000	ug/L		99.1		86 - 115

Delta Environmental Consultants, Inc.
 3164 Gold Camp Road, Suite 200
 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:27

Total Petroleum Hydrocarbons Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Diesel Range Organics (C12 - C24)	BRC0405	Matrix Spike	0801068-07	0	15.208	16.892	mg/kg		90.0		40 - 137
		Matrix Spike Duplicate	0801068-07	0	13.873	16.835	mg/kg	8.8	82.4	30	40 - 137
Tetracosane (Surrogate)	BRC0405	Matrix Spike	0801068-07	ND	0.44480	0.67568	mg/kg		65.8		34 - 136
		Matrix Spike Duplicate	0801068-07	ND	0.43337	0.67340	mg/kg		64.4		34 - 136
Diesel Range Organics (C12 - C24)	BRC0517	Matrix Spike	0801068-67	0	453.15	500.00	ug/L		90.6		36 - 130
		Matrix Spike Duplicate	0801068-67	0	512.64	500.00	ug/L	12.8	103	30	36 - 130
Tetracosane (Surrogate)	BRC0517	Matrix Spike	0801068-67	ND	13.266	20.000	ug/L		66.3		28 - 139
		Matrix Spike Duplicate	0801068-67	ND	17.377	20.000	ug/L		86.9		28 - 139

Delta Environmental Consultants, Inc.
 3164 Gold Camp Road, Suite 200
 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:27

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BRB1433	BRB1433-BS1	LCS	0.12036	0.12500	0.0050	mg/kg	96.3		70 - 130		
Toluene	BRB1433	BRB1433-BS1	LCS	0.12893	0.12500	0.0050	mg/kg	103		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRB1433	BRB1433-BS1	LCS	0.048194	0.050000		mg/kg	96.4		70 - 121		
Toluene-d8 (Surrogate)	BRB1433	BRB1433-BS1	LCS	0.051012	0.050000		mg/kg	102		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRB1433	BRB1433-BS1	LCS	0.046063	0.050000		mg/kg	92.1		74 - 121		
Benzene	BRB1875	BRB1875-BS1	LCS	26.230	25.000	1.0	ug/L	105		70 - 130		
Toluene	BRB1875	BRB1875-BS1	LCS	26.620	25.000	1.0	ug/L	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRB1875	BRB1875-BS1	LCS	10.170	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BRB1875	BRB1875-BS1	LCS	10.120	10.000		ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRB1875	BRB1875-BS1	LCS	9.8700	10.000		ug/L	98.7		86 - 115		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:27

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Diesel Range Organics (C12 - C24)	BRC0405	BRC0405-BS1	LCS	16.109	16.667	2.0	mg/kg	96.7		50 - 136		
Tetracosane (Surrogate)	BRC0405	BRC0405-BS1	LCS	0.54907	0.66667		mg/kg	82.4		34 - 136		
Diesel Range Organics (C12 - C24)	BRC0517	BRC0517-BS1	LCS	499.84	500.00	50	ug/L	100		48 - 125		
Tetracosane (Surrogate)	BRC0517	BRC0517-BS1	LCS	15.841	20.000		ug/L	79.2		28 - 139		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Toluene	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRB1433	BRB1433-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
t-Butyl alcohol	BRB1433	BRB1433-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Ethanol	BRB1433	BRB1433-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRB1433	BRB1433-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRB1433	BRB1433-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRB1433	BRB1433-BLK1	99.6	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRB1433	BRB1433-BLK1	95.2	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRB1433	BRB1433-BLK1	95.3	%	74 - 121 (LCL - UCL)		
Benzene	BRB1875	BRB1875-BLK1	ND	ug/L	1.0		
1,2-Dibromoethane	BRB1875	BRB1875-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRB1875	BRB1875-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRB1875	BRB1875-BLK1	ND	ug/L	1.0		
Methyl t-butyl ether	BRB1875	BRB1875-BLK1	ND	ug/L	2.0		
Toluene	BRB1875	BRB1875-BLK1	ND	ug/L	1.0		
Total Xylenes	BRB1875	BRB1875-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRB1875	BRB1875-BLK1	ND	ug/L	2.0		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
t-Butyl alcohol	BRB1875	BRB1875-BLK1	ND	ug/L	10		
Diisopropyl ether	BRB1875	BRB1875-BLK1	ND	ug/L	2.0		
Ethanol	BRB1875	BRB1875-BLK1	ND	ug/L	1000		
Ethyl t-butyl ether	BRB1875	BRB1875-BLK1	ND	ug/L	2.0		
Total Purgeable Petroleum Hydrocarbons	BRB1875	BRB1875-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRB1875	BRB1875-BLK1	99.5	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRB1875	BRB1875-BLK1	98.7	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRB1875	BRB1875-BLK1	97.1	%	86 - 115 (LCL - UCL)		

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 Project Number: [none]
 Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BRC0405	BRC0405-BLK1	ND	mg/kg	2.0		
Tetracosane (Surrogate)	BRC0405	BRC0405-BLK1	56.2	%	34 - 136 (LCL - UCL)		
Diesel Range Organics (C12 - C24)	BRC0517	BRC0517-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BRC0517	BRC0517-BLK1	79.0	%	28 - 139 (LCL - UCL)		

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Project: 7376
Project Number: [none]
Project Manager: Daniel Davis

Reported: 03/11/2008 16:27

Notes And Definitions

MDL Method Detection Limit
ND Analyte Not Detected at or above the reporting limit
PQL Practical Quantitation Limit
RPD Relative Percent Difference



Date of Report: 03/11/2008

Daniel Davis

Delta Environmental Consultants, Inc.
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Rancho Cordova, CA 95670

RE: 7376

BC Work Order: 0802561

Enclosed are the results of analyses for samples received by the laboratory on 02/25/2008 20:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Molly Meyers". The signature is written in a cursive style and is positioned above a horizontal line.

Contact Person: Molly Meyers
Client Service Rep

A handwritten signature in black ink, which is mostly illegible due to its cursive and stylized nature. It is positioned above a horizontal line.

Authorized Signature

Submission #: 0802561

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER

Ice Chest None
 Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals: Ice Chest Containers None Comments:

Intact? Yes No

Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No

Description(s) match COC? Yes No

COC Received

YES NO

Ice Chest ID: 12ed
 Temperature: 12-0 °C
 Thermometer ID: 48

Emissivity: .97
 Container: amku

Date/Time: 2/25 2005
 Analyst Init: JNW

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
IT GENERAL MINERAL/ GENERAL PHYSICAL										
IT PE UNPRESERVED										
IT INORGANIC CHEMICAL METALS										
IT INORGANIC CHEMICAL METALS										
IT CYANIDE										
IT NITROGEN FORMS										
IT TOTAL SULFIDE										
02. NITRATE / NITRITE										
00ml TOTAL ORGANIC CARBON										
IT TOX										
IT CHEMICAL OXYGEN DEMAND										
IA PHENOLICS										
10ml VOA VIAL TRAVEL BLANK										
10ml VOA VIAL										
IT EPA 413.1, 413.2, 418.1										
IT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
10 ml VOA VIAL- 504										
IT EPA 508/608/8080										
IT EPA 515.1/8150										
IT EPA-525										
IT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
IT EPA 548										
IT EPA 549										
IT EPA 632										
IT EPA 8015M										
IT QA/QC										
IT AMBER										
1 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: _____
 Sample Numbering Completed By: JNW Date/Time: 2005

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Delivery Work Order:
0802561-01	COC Number:	---		02/25/2008 20:45	
	Project Number:	7376		02/25/2008 14:00	Global ID: T0600100101
	Sampling Location:	CP-6		Sample Depth: ---	Matrix: SO
	Sampling Point:	CP-6@69.5-70		Sample Matrix: Solids	Sample QC Type (SACode): CS
	Sampled By:	DECR			Cooler ID:
0802561-02	COC Number:	---		02/25/2008 20:45	Delivery Work Order:
	Project Number:	7376		02/25/2008 11:41	Global ID: T0600100101
	Sampling Location:	CP-6		Sample Depth: ---	Matrix: SO
	Sampling Point:	CP-6@34.5-35		Sample Matrix: Solids	Sample QC Type (SACode): CS
	Sampled By:	DECR			Cooler ID:
0802561-03	COC Number:	---		02/25/2008 20:45	Delivery Work Order:
	Project Number:	7376		02/25/2008 15:50	Global ID: T0600100101
	Sampling Location:	CP-6D		Sample Depth: ---	Matrix: W
	Sampling Point:	CP-6D		Sample Matrix: Water	Sample QC Type (SACode): CS
	Sampled By:	DECR			Cooler ID:

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802561-01												
Client Sample Name:	7376, CP-6, CP-6@69.5-70, 2/25/2008 2:00:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
Methyl t-butyl ether	0.022	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002	ND	
1,2-Dichloroethane-d4 (Surrogate)	88.8	%	70 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002		
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002		
4-Bromofluorobenzene (Surrogate)	94.9	%	74 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/28/08 09:06	LHS	MS-V2	1	BRC0002		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:29

Total Petroleum Hydrocarbons

BCL Sample ID: 0802561-01	Client Sample Name: 7376, CP-6, CP-6@69.5-70, 2/25/2008 2:00:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	03/01/08	03/08/08 08:06	PTL	GC-5	0.990	BRC0405	ND	
Tetracosane (Surrogate)	72.9	%	34 - 136 (LCL - UCL)		Luft/TPHd	03/01/08	03/08/08 08:06	PTL	GC-5	0.990	BRC0405		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802561-02		Client Sample Name: 7376, CP-6, CP-6@34.5-35, 2/25/2008 11:41:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.9	%	70 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002		
Toluene-d8 (Surrogate)	93.5	%	81 - 117 (LCL - UCL)		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002		
4-Bromofluorobenzene (Surrogate)	99.2	%	74 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/28/08 04:10	LHS	MS-V2	1	BRC0002		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:29

Total Petroleum Hydrocarbons

BCL Sample ID: 0802561-02	Client Sample Name: 7376, CP-6, CP-6@34.5-35, 2/25/2008 11:41:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	03/01/08	03/08/08 08:20	PTL	GC-5	1.014	BRC0405	ND	
Tetracosane (Surrogate)	64.4	%	34 - 136 (LCL - UCL)		Luft/TPHd	03/01/08	03/08/08 08:20	PTL	GC-5	1.014	BRC0405		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802561-03												
Client Sample Name:	7376, CP-6D, CP-6D, 2/25/2008 3:50:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	4.7	ug/L	0.50		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
1,2-Dichloroethane	1.4	ug/L	0.50		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
Ethylbenzene	1.0	ug/L	0.50		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
Methyl t-butyl ether	110	ug/L	1.0		EPA-8260	02/29/08	03/04/08 00:27	ken	MS-V12	2	BRB1788	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
t-Butyl alcohol	170	ug/L	10		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
Diisopropyl ether	7.0	ug/L	0.50		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
Ethanol	ND	ug/L	250		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
Total Purgeable Petroleum Hydrocarbons	160	ug/L	50		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788		
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	02/29/08	03/04/08 00:27	ken	MS-V12	2	BRB1788		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	02/29/08	03/04/08 00:27	ken	MS-V12	2	BRB1788		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788		
4-Bromofluorobenzene (Surrogate)	97.4	%	86 - 115 (LCL - UCL)		EPA-8260	02/29/08	03/01/08 01:31	ken	MS-V12	1	BRB1788		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	02/29/08	03/04/08 00:27	ken	MS-V12	2	BRB1788		

Delta Environmental Consultants, Inc.
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 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:29

Total Petroleum Hydrocarbons

BCL Sample ID: 0802561-03		Client Sample Name: 7376, CP-6D, CP-6D, 2/25/2008 3:50:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	77		Luft/TPHd	03/04/08	03/06/08 08:08	PTL	GC-5	1.538	BRC0324	ND	
Tetracosane (Surrogate)	45.0	%	28 - 139 (LCL - UCL)		Luft/TPHd	03/04/08	03/06/08 08:08	PTL	GC-5	1.538	BRC0324		

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Benzene	BRB1788	Matrix Spike	0802516-01	0	22.060	25.000	ug/L		88.2		70 - 130
		Matrix Spike Duplicate	0802516-01	0	25.240	25.000	ug/L	13.5	101	20	70 - 130
Toluene	BRB1788	Matrix Spike	0802516-01	0	22.690	25.000	ug/L		90.8		70 - 130
		Matrix Spike Duplicate	0802516-01	0	26.230	25.000	ug/L	14.5	105	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRB1788	Matrix Spike	0802516-01	ND	10.580	10.000	ug/L		106		76 - 114
		Matrix Spike Duplicate	0802516-01	ND	10.320	10.000	ug/L		103		76 - 114
Toluene-d8 (Surrogate)	BRB1788	Matrix Spike	0802516-01	ND	10.160	10.000	ug/L		102		88 - 110
		Matrix Spike Duplicate	0802516-01	ND	10.130	10.000	ug/L		101		88 - 110
4-Bromofluorobenzene (Surrogate)	BRB1788	Matrix Spike	0802516-01	ND	9.6200	10.000	ug/L		96.2		86 - 115
		Matrix Spike Duplicate	0802516-01	ND	9.8800	10.000	ug/L		98.8		86 - 115
Benzene	BRC0002	Matrix Spike	0801068-87	0	0.11778	0.12500	mg/kg		94.2		70 - 130
		Matrix Spike Duplicate	0801068-87	0	0.11680	0.12500	mg/kg	0.9	93.4	20	70 - 130
Toluene	BRC0002	Matrix Spike	0801068-87	0	0.13989	0.12500	mg/kg		112		70 - 130
		Matrix Spike Duplicate	0801068-87	0	0.13436	0.12500	mg/kg	4.6	107	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRC0002	Matrix Spike	0801068-87	ND	0.050567	0.050000	mg/kg		101		70 - 121
		Matrix Spike Duplicate	0801068-87	ND	0.050414	0.050000	mg/kg		101		70 - 121
Toluene-d8 (Surrogate)	BRC0002	Matrix Spike	0801068-87	ND	0.054719	0.050000	mg/kg		109		81 - 117
		Matrix Spike Duplicate	0801068-87	ND	0.052576	0.050000	mg/kg		105		81 - 117
4-Bromofluorobenzene (Surrogate)	BRC0002	Matrix Spike	0801068-87	ND	0.051250	0.050000	mg/kg		102		74 - 121
		Matrix Spike Duplicate	0801068-87	ND	0.050025	0.050000	mg/kg		100		74 - 121

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 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:29

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits	
										RPD	Percent Recovery Lab Quals
Diesel Range Organics (C12 - C24)	BRC0324	Matrix Spike	0714775-61	0	394.27	500.00	ug/L		78.9		36 - 130
		Matrix Spike Duplicate	0714775-61	0	417.57	500.00	ug/L	5.7	83.5	30	36 - 130
Tetracosane (Surrogate)	BRC0324	Matrix Spike	0714775-61	ND	11.104	20.000	ug/L		55.5		28 - 139
		Matrix Spike Duplicate	0714775-61	ND	11.386	20.000	ug/L		56.9		28 - 139
Diesel Range Organics (C12 - C24)	BRC0405	Matrix Spike	0801068-07	0	15.208	16.892	mg/kg		90.0		40 - 137
		Matrix Spike Duplicate	0801068-07	0	13.873	16.835	mg/kg	8.8	82.4	30	40 - 137
Tetracosane (Surrogate)	BRC0405	Matrix Spike	0801068-07	ND	0.44480	0.67568	mg/kg		65.8		34 - 136
		Matrix Spike Duplicate	0801068-07	ND	0.43337	0.67340	mg/kg		64.4		34 - 136

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 Project Number: [none]
 Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Control Limits		Lab Quals
								Percent Recovery	RPD	
Benzene	BRB1788	BRB1788-BS1	LCS	25.350	25.000	0.50	ug/L	101	70 - 130	
Toluene	BRB1788	BRB1788-BS1	LCS	25.550	25.000	0.50	ug/L	102	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRB1788	BRB1788-BS1	LCS	9.7100	10.000		ug/L	97.1	76 - 114	
Toluene-d8 (Surrogate)	BRB1788	BRB1788-BS1	LCS	10.180	10.000		ug/L	102	88 - 110	
4-Bromofluorobenzene (Surrogate)	BRB1788	BRB1788-BS1	LCS	9.7500	10.000		ug/L	97.5	86 - 115	
Benzene	BRC0002	BRC0002-BS1	LCS	0.11439	0.12500	0.0050	mg/kg	91.5	70 - 130	
Toluene	BRC0002	BRC0002-BS1	LCS	0.12033	0.12500	0.0050	mg/kg	96.3	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRC0002	BRC0002-BS1	LCS	0.047260	0.050000		mg/kg	94.5	70 - 121	
Toluene-d8 (Surrogate)	BRC0002	BRC0002-BS1	LCS	0.048950	0.050000		mg/kg	97.9	81 - 117	
4-Bromofluorobenzene (Surrogate)	BRC0002	BRC0002-BS1	LCS	0.050311	0.050000		mg/kg	101	74 - 121	

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Diesel Range Organics (C12 - C24)	BRC0324	BRC0324-BS1	LCS	299.56	500.00	50	ug/L	59.9		48 - 125		
Tetracosane (Surrogate)	BRC0324	BRC0324-BS1	LCS	8.7810	20.000		ug/L	43.9		28 - 139		
Diesel Range Organics (C12 - C24)	BRC0405	BRC0405-BS1	LCS	16.109	16.667	2.0	mg/kg	96.7		50 - 136		
Tetracosane (Surrogate)	BRC0405	BRC0405-BS1	LCS	0.54907	0.66667		mg/kg	82.4		34 - 136		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:29

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRB1788	BRB1788-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BRB1788	BRB1788-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRB1788	BRB1788-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRB1788	BRB1788-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRB1788	BRB1788-BLK1	ND	ug/L	0.50		
Toluene	BRB1788	BRB1788-BLK1	ND	ug/L	0.50		
Total Xylenes	BRB1788	BRB1788-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRB1788	BRB1788-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BRB1788	BRB1788-BLK1	ND	ug/L	10		
Diisopropyl ether	BRB1788	BRB1788-BLK1	ND	ug/L	0.50		
Ethanol	BRB1788	BRB1788-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRB1788	BRB1788-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRB1788	BRB1788-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRB1788	BRB1788-BLK1	103	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRB1788	BRB1788-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRB1788	BRB1788-BLK1	97.2	%	86 - 115 (LCL - UCL)		
Benzene	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Toluene	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRC0002	BRC0002-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
t-Butyl alcohol	BRC0002	BRC0002-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Ethanol	BRC0002	BRC0002-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRC0002	BRC0002-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRC0002	BRC0002-BLK1	99.7	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRC0002	BRC0002-BLK1	97.6	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRC0002	BRC0002-BLK1	100	%	74 - 121 (LCL - UCL)		

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Project: 7376
Project Number: [none]
Project Manager: Daniel Davis

Reported: 03/11/2008 16:29

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BRC0324	BRC0324-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BRC0324	BRC0324-BLK1	61.0	%	28 - 139 (LCL - UCL)		
Diesel Range Organics (C12 - C24)	BRC0405	BRC0405-BLK1	ND	mg/kg	2.0		
Tetracosane (Surrogate)	BRC0405	BRC0405-BLK1	56.2	%	34 - 136 (LCL - UCL)		



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Project: 7376
Project Number: [none]
Project Manager: Daniel Davis

Reported: 03/11/2008 16:29

Notes And Definitions

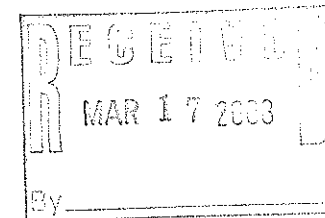
- MDL Method Detection Limit
- ND Analyte Not Detected at or above the reporting limit
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference
- A01 PQL's and MDL's are raised due to sample dilution.



Date of Report: 03/11/2008

Daniel Davis

Delta Environmental Consultants, Inc.
3164 Gold Camp Road, Suite 200
Rancho Cordova, CA 95670



RE: 7376

BC Work Order: 0802629

Enclosed are the results of analyses for samples received by the laboratory on 02/26/2008 21:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

Submission #: 0802629

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify)

SHIPPING CONTAINER

Ice Chest None
 Box Other (Specify)

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals: Ice Chest Containers None Comments:

Intact? Yes No Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received
 YES NO

Ice Chest ID
 Temperature: 3.6 °C
 Thermometer ID: 86

Emissivity .95
 Container OT Pan

Date/Time 2-26-8
2220
 Analyst Init AL

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
Zoz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL		A, 7			A, 5					
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER		B			B					
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A, B		A	A						
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:
 Sample Numbering Completed By: A Date/Time: 2-26-8 2310

BC Laboratories, Inc.

ConocoPhillips Chain Of Custody Record

4100 Atlas Court
Bakersfield, CA 93308
(661) 327-4911 (661) 327-1918 fax

ConocoPhillips Site Manager: **Bill Borgh**
INVOICE REMITTANCE ADDRESS:
0802629
CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips SAP Project Number
ConocoPhillips Requisition/Line Number
DATE: **2/26/08**
PAGE: **1** of **1**

SAMPLING COMPANY: Delta Consultants		Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 7376	GLOBAL ID NO.: T0600100101
ADDRESS: 3164 Gold Camp Drive, Suite 200 Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 4191 First Street, Pleasanton, California		CONOCOPHILLIPS SITE MANAGER: Bill Borgh
PROJECT CONTACT (Hardcopy or PDF Report to): Daniel J. Davis and Lisa Stelzner		EDF DELIVERABLE TO (RP or Designee): Lisa Stelzner		PHONE NO.: 916-503-1268
TELEPHONE: 916-503-1260	FAX: 916-638-8385	E-MAIL: ddavis@deltaenv.com		E-MAIL: lstelzner@deltaenv.com
SAMPLER NAME(S) (Print): Lisa Stelzner and Meghann Hurt		CONSULTANT PROJECT NUMBER: C107376002	LAB USE ONLY	

TURNAROUND TIME (CALENDAR DAYS):					REQUESTED ANALYSES					FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes	
<input checked="" type="checkbox"/> 14 DAYS <input type="checkbox"/> 7 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS					8015M - TPH-D	8260B - TPPH/ BTEX/ 8 Oxygenates	8015M - TPH-G/ BTEX/ MTBE	6010 - Lead	Total		□ STLC
SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED <input checked="" type="checkbox"/>											
* Please fax copy of COC to (916) 638-8385 Combine soil tubes, combine VQAS for composite samples. * Field Point name only required if different from Sample ID											
LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015M - TPH-D	8260B - TPPH/ BTEX/ 8 Oxygenates	8015M - TPH-G/ BTEX/ MTBE	6010 - Lead	Total	□ STLC
1	Comp Soil	2/26/08	10:37	Soil	2	X	X		X		
2	Comp Water	2/26/08	10:50	Water	8	X	X		*		
3	CP-7@39.5-40' /CP-7	2/26/08	11:35	soil	1	X	X				
4	CP-7@54.5-55' /CP-7		13:57	soil	1	X	X				
5	CP-7 m		15:40	water	6	X	X				

Combine for sample
1 Amber & 7 HCl vials
Combine for sample

CHK BY: **STW**
DISTRIBUTION: **PHI WPSZ MAST WPT**
SUB-OUT

VQAS preserved w/HCl
*No lead needed for -2. per Lisa mm 2/29

Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>Ross Dickey BC LAB</i>	Date: 2/26/08	Time: 1630
Relinquished by: (Signature) <i>Ross Dickey 2/26/08</i>	Received by: (Signature) <i>[Signature]</i>	Date: 2-26-08	Time: 1840
Relinquished by: (Signature) <i>[Signature] 2-26-08</i>	Received by: (Signature) <i>[Signature]</i>	Date: 2/26/08	Time: 2140

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:35

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
0802629-01	COC Number: --- Project Number: 7376 Sampling Location: Comp Soil Sampling Point: Comp Soil Sampled By: DECR	Receive Date: 02/26/2008 21:40 Sampling Date: 02/26/2008 10:37 Sample Depth: --- Sample Matrix: Solids	Delivery Work Order: Global ID: T0600100101 Matrix: SO Sample QC Type (SACode): CS Cooler ID:
0802629-02	COC Number: --- Project Number: 7376 Sampling Location: Comp Water Sampling Point: Comp Water Sampled By: DECR	Receive Date: 02/26/2008 21:40 Sampling Date: 02/26/2008 10:50 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0802629-03	COC Number: --- Project Number: 7376 Sampling Location: CP-7 Sampling Point: CP-7@39.5-40 Sampled By: DECR	Receive Date: 02/26/2008 21:40 Sampling Date: 02/26/2008 11:35 Sample Depth: --- Sample Matrix: Solids	Delivery Work Order: Global ID: T0600100101 Matrix: SO Sample QC Type (SACode): CS Cooler ID:
0802629-04	COC Number: --- Project Number: 7376 Sampling Location: CP-7 Sampling Point: CP-7@54.5-55 Sampled By: DECR	Receive Date: 02/26/2008 21:40 Sampling Date: 02/26/2008 13:57 Sample Depth: --- Sample Matrix: Solids	Delivery Work Order: Global ID: T0600100101 Matrix: SO Sample QC Type (SACode): CS Cooler ID:
0802629-05	COC Number: --- Project Number: 7376 Sampling Location: CP-7M Sampling Point: CP-7M Sampled By: DECR	Receive Date: 02/26/2008 21:40 Sampling Date: 02/26/2008 15:40 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600100101 Matrix: W Sample QC Type (SACode): CS Cooler ID:

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:35

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802629-01		Client Sample Name: 7376, Comp Soil, Comp Soil, 2/26/2008 10:37:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quails
Benzene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
Methyl t-butyl ether	0.0055	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.8	%	70 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002		
Toluene-d8 (Surrogate)	95.6	%	81 - 117 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002		
4-Bromofluorobenzene (Surrogate)	88.9	%	74 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 18:03	LHS	MS-V2	1	BRC0002		

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 Rancho Cordova, CA 95670

Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:35

Total Petroleum Hydrocarbons

BCL Sample ID: 0802629-01		Client Sample Name: 7376, Comp Soil, Comp Soil, 2/26/2008 10:37:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	2.4	mg/kg	2.0		Luft/TPHd	03/01/08	03/08/08 08:34	PTL	GC-5	1.010	BRC0405	ND	
Tetracosane (Surrogate)	107	%	34 - 136 (LCL - UCL)		Luft/TPHd	03/01/08	03/08/08 08:34	PTL	GC-5	1.010	BRC0405		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

Reported: 03/11/2008 16:35

Total Concentrations (TTLC)

BCL Sample ID: 0802629-01		Client Sample Name: 7376, Comp Soil, Comp Soil, 2/26/2008 10:37:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Lead	15	mg/kg	2.5		EPA-6010B	03/04/08	03/05/08 14:39	LDG	PE-OP2	0.990	BRC0148	ND	

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0802629-02		Client Sample Name:	7376, Comp Water, Comp Water, 2/26/2008 10:50:00AM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
Toluene	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
Ethanol	ND	ug/L	250		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891		
4-Bromofluorobenzene (Surrogate)	98.2	%	86 - 115 (LCL - UCL)		EPA-8260	02/29/08	03/01/08 02:43	ken	MS-V12	1	BRB1891		

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802629-02		Client Sample Name: 7376, Comp Water, Comp Water, 2/26/2008 10:50:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	190	ug/L	50		Luft/TPHd	03/04/08	03/06/08 08:23	PTL	GC-5	1	BRC0324	ND	
Tetracosane (Surrogate)	71.8	%	28 - 139 (LCL - UCL)		Luft/TPHd	03/04/08	03/06/08 08:23	PTL	GC-5	1	BRC0324		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802629-03		Client Sample Name: 7376, CP-7, CP-7@39.5-40, 2/26/2008 11:35:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.4	%	70 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002		
Toluene-d8 (Surrogate)	95.4	%	81 - 117 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002		
4-Bromofluorobenzene (Surrogate)	94.2	%	74 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 18:30	LHS	MS-V2	1	BRC0002		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802629-03	Client Sample Name: 7376, CP-7, CP-7@39.5-40, 2/26/2008 11:35:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	03/01/08	03/08/08 08:49	PTL	GC-5	1.007	BRC0405	ND	
Tetracosane (Surrogate)	76.8	%	34 - 136 (LCL - UCL)		Luft/TPHd	03/01/08	03/08/08 08:49	PTL	GC-5	1.007	BRC0405		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802629-04		Client Sample Name: 7376, CP-7, CP-7@54.5-55, 2/26/2008 1:57:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
Methyl t-butyl ether	0.020	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002	ND	
1,2-Dichloroethane-d4 (Surrogate)	86.7	%	70 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002		
Toluene-d8 (Surrogate)	108	%	81 - 117 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002		
4-Bromofluorobenzene (Surrogate)	94.4	%	74 - 121 (LCL - UCL)		EPA-8260	02/27/08	02/27/08 18:56	LHS	MS-V2	1	BRC0002		

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802629-04		Client Sample Name: 7376, CP-7, CP-7@54.5-55, 2/26/2008 1:57:00PM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0		Luft/TPHd	03/01/08	03/08/08 09:03	PTL	GC-5	0.993	BRC0405	ND	
Tetracosane (Surrogate)	86.4	%	34 - 136 (LCL - UCL)		Luft/TPHd	03/01/08	03/08/08 09:03	PTL	GC-5	0.993	BRC0405		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0802629-05		Client Sample Name: 7376, CP-7M, CP-7M, 2/26/2008 3:40:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	ug/L	0.50		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39	
1,2-Dichloroethane	1.8	ug/L	0.50		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39	
Methyl t-butyl ether	260	ug/L	2.5		EPA-8260	02/29/08	03/04/08 01:40	ken	MS-V12	5	BRB1891	ND	A01,A39	
Toluene	ND	ug/L	0.50		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39	
Total Xylenes	ND	ug/L	1.0		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39	
t-Butyl alcohol	120	ug/L	10		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39	
Diisopropyl ether	2.6	ug/L	0.50		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39	
Ethanol	ND	ug/L	250		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39	
Total Purgeable Petroleum Hydrocarbons	200	ug/L	50		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891	ND	A39,A90	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	02/29/08	03/04/08 01:40	ken	MS-V12	5	BRB1891			
1,2-Dichloroethane-d4 (Surrogate)	111	%	76 - 114 (LCL - UCL)		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891			
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891			
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	02/29/08	03/04/08 01:40	ken	MS-V12	5	BRB1891			
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	02/29/08	03/04/08 01:40	ken	MS-V12	5	BRB1891			
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	02/29/08	03/03/08 18:35	ken	MS-V12	1	BRB1891			

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Project: 7376
 Project Number: [none]
 Project Manager: Daniel Davis

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Total Petroleum Hydrocarbons

BCL Sample ID: 0802629-05	Client Sample Name: 7376, CP-7M, CP-7M, 2/26/2008 3:40:00PM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	72		Luft/TPHd	03/04/08	03/06/08 08:37	PTL	GC-5	1.449	BRC0324	ND	
Tetracosane (Surrogate)	59.7	%	28 - 139 (LCL - UCL)		Luft/TPHd	03/04/08	03/06/08 08:37	PTL	GC-5	1.449	BRC0324		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		
									Percent Recovery	RPD	Percent Recovery Lab Quals
Benzene	BRB1891	Matrix Spike	0801068-76	0	27.110	25.000	ug/L		108		70 - 130
		Matrix Spike Duplicate	0801068-76	0	26.700	25.000	ug/L	0.9	107	20	70 - 130
Toluene	BRB1891	Matrix Spike	0801068-76	0	28.880	25.000	ug/L		116		70 - 130
		Matrix Spike Duplicate	0801068-76	0	27.560	25.000	ug/L	5.3	110	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRB1891	Matrix Spike	0801068-76	ND	9.8900	10.000	ug/L		98.9		76 - 114
		Matrix Spike Duplicate	0801068-76	ND	10.360	10.000	ug/L		104		76 - 114
Toluene-d8 (Surrogate)	BRB1891	Matrix Spike	0801068-76	ND	9.9600	10.000	ug/L		99.6		88 - 110
		Matrix Spike Duplicate	0801068-76	ND	10.050	10.000	ug/L		100		88 - 110
4-Bromofluorobenzene (Surrogate)	BRB1891	Matrix Spike	0801068-76	ND	9.7600	10.000	ug/L		97.6		86 - 115
		Matrix Spike Duplicate	0801068-76	ND	10.040	10.000	ug/L		100		86 - 115
Benzene	BRC0002	Matrix Spike	0801068-87	0	0.11778	0.12500	mg/kg		94.2		70 - 130
		Matrix Spike Duplicate	0801068-87	0	0.11680	0.12500	mg/kg	0.9	93.4	20	70 - 130
Toluene	BRC0002	Matrix Spike	0801068-87	0	0.13989	0.12500	mg/kg		112		70 - 130
		Matrix Spike Duplicate	0801068-87	0	0.13436	0.12500	mg/kg	4.6	107	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRC0002	Matrix Spike	0801068-87	ND	0.050567	0.050000	mg/kg		101		70 - 121
		Matrix Spike Duplicate	0801068-87	ND	0.050414	0.050000	mg/kg		101		70 - 121
Toluene-d8 (Surrogate)	BRC0002	Matrix Spike	0801068-87	ND	0.054719	0.050000	mg/kg		109		81 - 117
		Matrix Spike Duplicate	0801068-87	ND	0.052576	0.050000	mg/kg		105		81 - 117
4-Bromofluorobenzene (Surrogate)	BRC0002	Matrix Spike	0801068-87	ND	0.051250	0.050000	mg/kg		102		74 - 121
		Matrix Spike Duplicate	0801068-87	ND	0.050025	0.050000	mg/kg		100		74 - 121

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Project: 7376
 Project Number: [none]
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Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		
									Percent Recovery	RPD	Percent Recovery
Diesel Range Organics (C12 - C24)	BRC0324	Matrix Spike	0714775-61	0	394.27	500.00	ug/L		78.9		36 - 130
		Matrix Spike Duplicate	0714775-61	0	417.57	500.00	ug/L	5.7	83.5	30	36 - 130
Tetracosane (Surrogate)	BRC0324	Matrix Spike	0714775-61	ND	11.104	20.000	ug/L		55.5		28 - 139
		Matrix Spike Duplicate	0714775-61	ND	11.386	20.000	ug/L		56.9		28 - 139
Diesel Range Organics (C12 - C24)	BRC0405	Matrix Spike	0801068-07	0	15.208	16.892	mg/kg		90.0		40 - 137
		Matrix Spike Duplicate	0801068-07	0	13.873	16.835	mg/kg	8.8	82.4	30	40 - 137
Tetracosane (Surrogate)	BRC0405	Matrix Spike	0801068-07	ND	0.44480	0.67568	mg/kg		65.8		34 - 136
		Matrix Spike Duplicate	0801068-07	ND	0.43337	0.67340	mg/kg		64.4		34 - 136

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Project: 7376
 Project Number: [none]
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Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits	
									Percent Recovery	RPD
Lead	BRC0148	Duplicate	0802709-25	8.0268	8.5126		mg/kg	5.9		20
		Matrix Spike	0802709-25	8.0268	91.070	96.154	mg/kg		86.4	75 - 125
		Matrix Spike Duplicate	0802709-25	8.0268	94.251	96.154	mg/kg	3.7	89.7	20 75 - 125

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BRB1891	BRB1891-BS1	LCS	26.780	25.000	0.50	ug/L	107		70 - 130		
Toluene	BRB1891	BRB1891-BS1	LCS	28.250	25.000	0.50	ug/L	113		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRB1891	BRB1891-BS1	LCS	10.970	10.000		ug/L	110		76 - 114		
Toluene-d8 (Surrogate)	BRB1891	BRB1891-BS1	LCS	10.160	10.000		ug/L	102		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRB1891	BRB1891-BS1	LCS	9.9800	10.000		ug/L	99.8		86 - 115		
Benzene	BRC0002	BRC0002-BS1	LCS	0.11439	0.12500	0.0050	mg/kg	91.5		70 - 130		
Toluene	BRC0002	BRC0002-BS1	LCS	0.12033	0.12500	0.0050	mg/kg	96.3		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRC0002	BRC0002-BS1	LCS	0.047260	0.050000		mg/kg	94.5		70 - 121		
Toluene-d8 (Surrogate)	BRC0002	BRC0002-BS1	LCS	0.048950	0.050000		mg/kg	97.9		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRC0002	BRC0002-BS1	LCS	0.050311	0.050000		mg/kg	101		74 - 121		

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Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Diesel Range Organics (C12 - C24)	BRC0324	BRC0324-BS1	LCS	299.56	500.00	50	ug/L	59.9		48 - 125		
Tetracosane (Surrogate)	BRC0324	BRC0324-BS1	LCS	8.7810	20.000		ug/L	43.9		28 - 139		
Diesel Range Organics (C12 - C24)	BRC0405	BRC0405-BS1	LCS	16.109	16.667	2.0	mg/kg	96.7		50 - 136		
Tetracosane (Surrogate)	BRC0405	BRC0405-BS1	LCS	0.54907	0.66667		mg/kg	82.4		34 - 136		

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Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Lead	BRC0148	BRC0148-BS1	LCS	97.765	100.00	2.5	mg/kg	97.8		75 - 125		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRB1891	BRB1891-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BRB1891	BRB1891-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRB1891	BRB1891-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRB1891	BRB1891-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRB1891	BRB1891-BLK1	ND	ug/L	0.50		
Toluene	BRB1891	BRB1891-BLK1	ND	ug/L	0.50		
Total Xylenes	BRB1891	BRB1891-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRB1891	BRB1891-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BRB1891	BRB1891-BLK1	ND	ug/L	10		
Diisopropyl ether	BRB1891	BRB1891-BLK1	ND	ug/L	0.50		
Ethanol	BRB1891	BRB1891-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRB1891	BRB1891-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRB1891	BRB1891-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRB1891	BRB1891-BLK1	103	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRB1891	BRB1891-BLK1	99.1	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRB1891	BRB1891-BLK1	99.3	%	86 - 115 (LCL - UCL)		
Benzene	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Toluene	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRC0002	BRC0002-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
t-Butyl alcohol	BRC0002	BRC0002-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Ethanol	BRC0002	BRC0002-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRC0002	BRC0002-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRC0002	BRC0002-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRC0002	BRC0002-BLK1	99.7	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRC0002	BRC0002-BLK1	97.6	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRC0002	BRC0002-BLK1	100	%	74 - 121 (LCL - UCL)		

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Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BRC0324	BRC0324-BLK1	ND	ug/L	50		
Tetracosane (Surrogate)	BRC0324	BRC0324-BLK1	61.0	%	28 - 139 (LCL - UCL)		
Diesel Range Organics (C12 - C24)	BRC0405	BRC0405-BLK1	ND	mg/kg	2.0		
Tetracosane (Surrogate)	BRC0405	BRC0405-BLK1	56.2	%	34 - 136 (LCL - UCL)		

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Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Lead	BRC0148	BRC0148-BLK1	ND	mg/kg	2.5		

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Notes And Definitions

MDL Method Detection Limit
ND Analyte Not Detected at or above the reporting limit
PQL Practical Quantitation Limit
RPD Relative Percent Difference
A01 PQL's and MDL's are raised due to sample dilution.
A39 Sample received at pH greater than 2.
A90 TPPH does not exhibit a "gasoline" pattern. TPPH is entirely due to MTBE.

APPENDIX G

Waste Manifest

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 909-721-2038	4. Waste Tracking Number NH48960		
5. Generator's Name and Mailing Address 78 STATION #7378 4191 FIRST STREET PLEASANTON, CA Generator's Phone: 916-503-1272			Generator's Site Address (if different than mailing address)				
6. Transporter 1 Company Name ENVIRONMENTAL LOGISTICS, INC				U.S. EPA ID Number CAR000172478			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address PETER RECYCLING SERVICES, INC. 180 W. MONTE AVE RIALTO, CA 92316 Facility's Phone: 909-421-2012				U.S. EPA ID Number CAD982444481			
8. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
		No.	Type				
1. NON HAZARDOUS WASTE SOLID		9	DM	3600	P		
2. NON HAZARDOUS WASTE LIQUID			DM		G		
3.							
4.							
13. Special Handling Instructions and Additional Information 9B.1) SOIL # 01052536 9/85 WEAR APPROPRIATE PPE #48960 9B.2) WATER # 01062537 BILL TO: DELTA							
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Generator's/Officer's Printed/Typed Name DAVE CHEN				Signature 	Month 3	Day 13	Year 08
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Part of entry/exit: _____ Date leaving U.S.: _____							
16. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name SPENCE				Signature 	Month 3	Day 13	Year 08
Transporter 2 Printed/Typed Name				Signature	Month	Day	Year
17. Discrepancy							
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
17c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____							
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a							
Printed/Typed Name				Signature	Month	Day	Year