SECOR

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www.secor.com
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
916-861-0400 TEL
916-861-0430 FAX

March 15, 2007

Ms. Donna Drogos, P.E.
Alameda County Environmental Health Services
1131 Harbor Bay Parkway Suite 250
Alameda, CA 94502

RE: Quarterly Status and Remediation Summary Report – Fourth Quarter 2006
SECOR Project No.: 77CP.01631.00.0304

Dear Ms. Drogos:

On behalf of ConocoPhillips, SECOR International Incorporated (SECOR) is forwarding the quarterly summary report for the following location:

Service Station	Location
Former 76 Service Station No. 7004	15599 Hesperian Boulevard San Leandro, California

If you have questions or comments regarding this quarterly summary report, please do not hesitate to contact me at (916) 861-0400.

Sincerely,
SECOR International Incorporated

Diane M. Barclay
Senior Geologist, C.H.G.

Attachments: SECOR's *Quarterly Status and Remediation Summary Report – Fourth Quarter 2006*

cc: Mr. Eric Hetrick, ConocoPhillips Company
Mr. Alan Guttenberg, Guttenberg, Rapson and Colvin LLP, 101 Lucas Valley Road Suite 216, San Rafael, CA 94903
Mr. Gary Ragghianti, Ragghianti Freitas LLP, 874 Fourth Street, Suite D, San Rafael CA 94901
Ms. Shelly Eisaman, Wells Fargo Bank, N.A., Brunetti Trust, 420 Montgomery Street, 3rd Fl., San Francisco, CA 94104
Mr. Ladd Cahoon, Law Office of John D. Edgcomb, 115 Sansome St., Suite 805, San Francisco, CA 94104
Mr. Daniel J. Barry, Stein & Lubin, LLP, Transamerica Pyramid, 600 Montgomery St., 14th Floor, San Francisco, CA 94111
Mr. Michael DiGeronimo, Esq., Miller Starr & Regalia, 1331 N. California Blvd., Fifth Floor, Walnut Creek, CA 94596
Mr. Steve Osborne, Fugro West, Inc., 1000 Broadway, Suite 200, Oakland, CA 94607
Mr. Bob Clark-Riddell, Pangea Environmental Services, Inc, 1710 Franklin Street, Suite 200, Oakland, CA 94612

QUARTERLY STATUS AND REMEDIATION SUMMARY REPORT
Fourth Quarter 2006

76 Service Station No. 7004
15599 Hesperian Blvd
San Leandro, CA

City/County ID #: San Leandro

County: Alameda

SITE DESCRIPTION

The site is located at the northwest corner of Hesperian Boulevard and East Lewelling Boulevard in San Leandro, California. The site is a former 76 Service Station which was abandoned in May of 2000. At that time, the subsurface tanks, piping and aboveground components were removed. The station building was converted into a Kragen auto parts store, but is no longer open as a retail store, and it was used as a storage building. The site is currently within a paved parking lot in a department store complex that was vacated by Target and is planned for occupancy by Wal-Mart. Currently, TRC performs quarterly monitoring and sampling of ten monitoring wells and one recovery well at the above referenced site (Figure 1 and 2 in Attachment 1).

PREVIOUS ASSESSMENT

In October 1990, Kaprealian Engineering, Inc (KEI) observed the removal of three single-walled underground storage tanks (USTs) and removal and replacement of product piping at the site. The tanks included one steel 12,000-gallon super unleaded fuel tank and two steel 12,000-gallon regular unleaded fuel tanks, and were replaced with two double-walled 12,000-gallon USTs. No holes or cracks were observed in the tanks. Fifteen confirmation soil samples were collected from the tank pit and analyzed for total petroleum hydrocarbons as gasoline (TPHg), and benzene, toluene, ethylbenzene, and xylenes (BTEX). Soil samples collected from the final tank excavation contained up to 30 parts per million (ppm) TPHg, 0.054 ppm benzene, 0.047 ppm toluene, 0.46 ppm ethylbenzene, and 0.054 ppm xylenes. A water sample collected from the tank pit contained 4,300 parts per billion (ppb) TPHg, 40 ppb benzene, 1.9 ppb toluene, 0.54 ppb ethylbenzene, and 520 ppb xylenes. Samples collected from the final pipeline trenches contained up to 20 ppm TPHg, 0.015 ppm benzene, 0.15 ppm toluene, 0.13 ppm ethylbenzene, and 1.3 ppm xylenes (KEI, 1990). The former USTs were replaced with two 12,000-gallon, double-walled, glasteel unleaded USTs within the same excavation (GR, 2000).

In April and July 1991, KEI supervised the installation of six 2-inch diameter monitoring wells (MW1 through MW6). Groundwater was encountered at depths of 16.5 to 20.5 feet below ground surface (bgs). The wells were completed to 25 to 26 feet bgs. Selected soil samples and grab groundwater samples from each well were analyzed for TPHg and BTEX. Soil samples contained up to 4,800 parts per million (ppm) TPHg and 23 ppm benzene, 9.1 ppm toluene, 63 ppm ethylbenzene, and 290 ppm xylenes (17.5 feet bgs in MW3). Post development groundwater samples from these wells contained up to 34,000 ppb TPHg and 6,100 ppb benzene (MW3; KEI, 1991a and KEI 1991b).

In December 1991, KEI conducted water recovery tests in wells MW-3 and MW-5. The tests indicated a minimal influence in water levels. KEI installed recovery well RW-1 in April 1992 (KEI, 1992a).

In May 1992, KEI conducted an aquifer test using RW-1 for extraction and MW-2, MW3, MW4, and MW5 for observation. The saturated zone was described as semi-confined, and aquifer parameters evaluated from the test were as follows:

- Transmissivity: 16 to 700 ft^2/day
- Storativity: $6.3E^{-6}$ to $1.4E^{-2}$
- Hydraulic Conductivity: 0.3 ft/day to 76 ft/day (KEI, 1992b).

In May 2000, Gettler-Ryan (GR) observed the removal of two 12,000-gallon, double-walled glasteel USTs and fiberglass product piping and dispensers at the site. The USTs were in good condition with no observed cracks or holes. At this time, station-related structures were also demolished and removed. Four soil samples were collected from the tank pit excavation, and four were collected from the pipeline trenches. The samples were analyzed for TPHg, BTEX, and methyl tertiary butyl ether (MTBE). Tank pit samples contained up to 350 ppm TPHg, 4.8 ppm ethylbenzene, and 0.81 ppm xylenes, but were non-detectable for benzene and MTBE. Pipeline trench samples were non-detectable for the analytes requested. Based on the good condition of the removed USTs, with the approval of the San Leandro Fire Department, the majority of the stockpiled pea gravel was reused as backfill material for the excavation. Prior to backfilling, oxygen releasing compound (360 pounds) was placed at the bottom of the UST pit, and additional pea gravel was emplaced to a depth of 12 feet bgs. With regulatory approval, the excavation was brought to grade using properly compacted, engineering fill. Approximately 200 cubic yards of excess pea gravel were removed from the site for disposal (GR, 2000).

In 2001, GR conducted a limited Phase I Environmental Assessment to assess the potential for environmental impact to the site from current or past usage or other properties in the vicinity. Six petroleum hydrocarbon impacted sites were identified within ¼-mile of the site (GR, 2001a).

In November 2001, SECOR conducted a 5 day dual phase extraction (DPE) test at the site. The test utilized MW-3 and RW-1 for extraction. During the test, applied vacuum was approximately 25 inches of mercury, vapor extraction flow rates ranged from approximately 20 to 155 cubic feet per minute, and groundwater extraction flow rates ranged from 0.25 to 3.0 gallons per minute. Influent vapor concentrations dropped from a high of 5,200 parts per million by volume (ppmv) TPHg at the start of the test to 440 ppmv TPHg at the end of test. Based on the data collected during the test, approximately 36.55 pounds of vapor phase TPHg, 0.56 pounds of vapor phase benzene, and 0.47 pounds of vapor phase MTBE were removed from the subsurface. The radius of influence was estimated at 15 to 55 feet for MW-3 and 48 to 85 feet for RW-1 (SECOR, 2002).

In September 2002, Gettler-Ryan drilled and sampled five direct push soil borings (G-1 through G-5) in the vicinity of the Kragen Auto Parts building and the former USTs. Soil and groundwater samples were collected from each boring and analyzed for TPHg, BTEX, and fuel oxygenates. Soil samples were below detection for the analytes requested, except for sample GP-3 @13.5 feet which contained 0.051 mg/kg MTBE and 0.083 mg/kg tertiary butyl alcohol

(TBA). Groundwater samples contained up to 96,000 ppb TPHg (G-4W), 4,300 ppb ethylbenzene (G-5W), 300 ppb TBA (G-3W), and 360 ppb MTBE (G-5W) (GR, 2002).

In March 2005, SECOR performed a preferential pathway survey to delineate underground utilities with the potential to transport groundwater beneath the site. Utilities were identified to be underground at depths ranging from 20 inches bgs to 4 feet bgs. Off-site utilities, including sewer and storm drain, were identified on the east side of Hesperian Boulevard between 6 and 7 feet bgs. The groundwater level over the last five years had varied from 12 to 16 feet bgs. Data presented did not identify utilities and associated utility trenches with the potential to act as a preferential groundwater pathway, based on historical depths to groundwater (SECOR, 2005a).

In August 2005, SECOR conducted an investigation at the site which included drilling and sampling 23 direct push soil borings (SB-1 through SB-23), at total depths of 19 feet bgs to 28 feet bgs. Soil and groundwater samples were collected from each boring and analyzed for TPHg, BTEX, and fuel oxygenates. Laboratory analysis of the soil samples indicated detections for the requested constituents in 7 of the 23 soil borings at maximum concentrations of 0.024 mg/kg ethylbenzene (SB-21), 0.022 MTBE (SB-18), and 0.024 mg/kg TBA (SB-18). Groundwater samples contained up to 4,100 µg/L TPHg (SB-17), 14 µg/L benzene (SB-21), 1.4 µg/L toluene (SB-4), 340 µg/L ethylbenzene (SB-21), 9.4 µg/L xylenes (SB-4), 180 µg/L MTBE (SB-4), 71 µg/L TBA (SB-17), and 1,100 µg/L ethanol (SB-4; SECOR, 2005b).

In January 2006, SECOR advanced an additional 14 soil borings (SB24 through SB-37) and installed an additional 4 groundwater monitoring wells (MW-7 through MW-10). At least one soil sample was collected from each borehole, and groundwater samples were collected from the boreholes except SB24, SB25, SB26, SB28, and SB31. The samples were analyzed for TPHg, BTEX, fuel oxygenates, and lead scavengers. Maximum concentrations in the soil were reported as 46 mg/kg TPHg (SB-30 at 5.5 feet bgs), 0.29 mg/kg toluene (SB-30 at 5.5 feet bgs), 1.2 mg/kg ethylbenzene (SB-30 at 2.5 feet bgs), 7.8 mg/kg xylenes (SB-30 at 2.5 feet bgs), 0.0058 mg/kg MTBE (SB-34 at 19 feet bgs), and 0.010 mg/kg TBA (SB-24 at 2.5 feet bgs). No detectable concentrations of benzene, diisopropyl ether (DIPE), tert-amyl methyl ether (TAME), ethyl tert-butyl ether (ETBE), ethanol, 1,2-DCA, or ethylene dibromide (EDB) were reported (SECOR, 2006a).

In April 2006, SECOR prepared a startup report for the portable DPE system at the site (SECOR, 2006b). The system was started on March 20, 2006, and continued to operate throughout the fourth quarter 2006.

In June 2006, SECOR prepared a work plan for additional offsite assessment (SECOR 2006c). This work was proposed in the event that additional assessment to the southeast became necessary.

In October 2006, SECOR submitted the results of a human health risk assessment (SECOR, 2006d). Based on the current and future land use, which consisted of and would likely remain primarily commercial/industrial in nature, SECOR evaluated the following exposure pathways: (1) commercial/industrial workers' and customers' inhalation of vapors emanating from soil and/or groundwater to indoor and outdoor air, and (2) direct contact of commercial/industrial workers with shallow impacted soil (less than 10 feet bgs). Results of the human health risk

assessment indicated that residual petroleum hydrocarbons, MTBE, and tertiary butyl alcohol (TBA) in soil, groundwater, and soil vapor beneath the site and site vicinity did not pose a risk to human health or the environment (SECOR, 2006d). SECOR evaluated natural attenuation and migration of the dissolved MTBE plume beneath the site and site vicinity using the BIOSCREEN model. Three scenarios were examined: (1) solute transport with no decay, (2) solute transport with first order decay, and (3) solute transport with instantaneous biodegradation reaction. Results of the modeling indicated that the downgradient wells would not be impacted by the migration of the dissolved MTBE plume within at least 200 years (SECOR, 2006d).

In November 2006, SECOR submitted *No Further Action Required (NFAR) Report and Request for Case Closure* to assist the Alameda County Environmental Health Services (ACEHS) in its review of the site located at 15599 Hesperian Boulevard, San Leandro, California for case closure. That report was prepared in accordance with the NFAR and site closure reporting criteria outlined in Sections 6.5 and 6.6 of the Regional Water Quality Control Board – Central Valley Region's (RWQCB-CVR) document entitled *California Environmental Protection Agency, Regional Water Quality Control Board Central Valley Region, Appendix A Tri-Regional Board Staff Recommendations for Preliminary Investigation and Evaluation of Underground Tank Sites*. A summary of the site background, results of previous investigations and corrective action, estimated residual mass calculations in soil and groundwater, other pertinent information, and rationale for site closure were presented in the report. That report was intended to summarize and supplement the information provided in SECOR's *No Further Action Analysis and Human Health Risk Assessment* dated October 6, 2006 (SECOR, 2006e).

SENSITIVE RECEPTORS

In 1996, Pacific Environmental Group (PEG) performed a ¼-mile radius water supply well survey. Four documented wells were identified, including two domestic irrigation wells, one industrial well, and one well of unknown use. The closest of these wells was approximately 2,000 feet south of the site (PEG, 1996).

In 2001, GR performed a ½-mile radius sensitive receptor survey. Three domestic wells were identified within 2,500 feet of the site. Two of the wells were located 1,650 and 2,300 feet south and west-northwest of the site. The third well was located approximately 2,275 feet east-southeast of the site. GR also indicated that the closest surface water bodies were the San Lorenzo Creek, situated approximately 800 feet southwest of the site, and Estudillo Canal, located approximately 2,300 feet northwest of the site. Water within the San Lorenzo Creek and Estudillo Canal flows westerly/southwesterly toward the San Francisco Bay. According to GR, the City of Oakland and surrounding areas of San Leandro and San Lorenzo obtained their drinking water supply from an aqueduct from the Pardee or Comanche Reservoirs in Northern California (GR, 2001b).

In October 2006, SECOR updated the sensitive receptor survey to locate receptors within 2,000 feet of the site. SECOR reviewed well drillers' logs on file at the State of California Department of Water Resources (DWR); contacted the ACEHS, East Bay Municipal Utilities District (EBMUD), City of San Leandro Public Works Department (CSLPWD), and Alameda County Public Works Department (ACPWD) for additional information pertaining to the existence of water wells within 2,000 feet of the site; and conducted field reconnaissance of the area. Fourteen wells at 12 locations were identified within the search radius. Another eight wells at

five locations were identified just outside of the search radius. Three additional wells with unspecified addresses or locations were also found during the survey. Information obtained from the DWR, ACEHS, ACPWD, EBMUD, and CSLPWD did not indicate the presence of water production wells in the site vicinity that were operated by municipal or utility district agencies. Results of the sensitive receptor survey indicated that existing receptors and other water supply wells that were not recently verified in the field were not likely to be impacted by the dissolved phase plume beneath the site. Detailed information about this survey is included in the *"No Further Action Required (NFAR) Report and Request for Site Closure"*, dated November 6, 2006 (SECOR, 2006e).

MONITORING AND SAMPLING

The site has been monitored and sampled since the second quarter 1991. Between 1991 and 1995, monitoring was conducted quarterly. Between 1996 and 2001, the site was monitored semiannually. From January 2002 to July 2003, the site was monitored monthly. Currently, eleven wells (MW-1 through MW-10 and RW-1) are sampled quarterly by TRC. Groundwater samples from the eleven wells are analyzed for total purgeable petroleum hydrocarbons (TPPH), BTEX, MTBE, TBA, and ethanol using EPA Method 8260B, and groundwater samples from monitoring wells MW-7 through MW-10 are additionally analyzed for the fuel oxygenates ethylene dibromide (EDB), 1,2-dichloroethane (1,2-DCA), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE) and tertiary amyl ether (TAME) using EPA Method 8260B. The groundwater gradient has been mainly to the east-southeast and southwest with variations to the west, northwest and east (SECOR, 2006f), and has been relatively flat (average 0.006 ft/ft). Historical groundwater gradients are included in Table 1 and illustrated on Figure 1. TRC's monitoring and sampling report is included as Attachment 1.

During the fourth quarter 2006 monitoring and sampling event on October 18, 2006, TRC was unable to access site wells MW-3, MW-5, and RW-1, because these wells were being utilized as extraction wells for the remediation system at the site. On October 24, 2006, a SECOR field technician sampled the wells. The remediation system was shut down approximately 1 hour prior to sampling, and samples were extracted from the wells using a clean disposable bailer.

During the fourth quarter 2006, depth to groundwater ranged between 13.07 and 14.59 feet bgs. The groundwater flow direction this quarter was to the north at an average gradient of 0.03 foot/foot.

Laboratory analyses of groundwater samples collected from the eleven site wells are summarized below:

Constituents	Number of Detections Above PQL of the Samples Collected	Minimum Concentration * (Sample ID)	Maximum Concentration * (Sample ID)
TPPH	0 / 11	none	none
Benzene	0 / 11	none	none
Toluene	0 / 11	none	none
Ethylbenzene	0 / 11	none	none
MTBE	5 / 11	2.2 (MW-4 and MW-10)	8.3 (MW-7)

Explanations:
PQL = Practical quantitation limit
TPPH = Total purgeable petroleum hydrocarbons
MTBE = Methyl tertiary butyl ether
* = Concentrations are reported in micrograms per liter units (µg/L), unless otherwise noted

DISCUSSION

Between the third and fourth quarter of 2006, dissolved phase hydrocarbon concentrations decreased to non-detectable levels, with the following exceptions: a slight increase in MTBE concentrations in wells MW-4, MW-7, MW-9, and MW-10, which were reported as non-detectable for MTBE during the third quarter of 2006, and although MTBE in MW-5 decreased to 2.7 µg/L from 31 µg/L, it remained detectable.

Wells MW-3, MW-5, and RW-1 were reported with lower than expected concentrations of dissolved phase petroleum hydrocarbons. Most significantly, TPPH was reported as non-detect below the laboratory reporting limits. These laboratory results could be attributed to the fact that the wells were sampled within a short time period (1 hour) after the remediation system was shut down.

In general, due in part to the DPE and other remedial efforts at the site, a historical trend of decreasing dissolved-phase hydrocarbons has been seen at the site. The highest dissolved phase concentrations of TPPH, benzene, and MTBE historically have been in well MW-3. This quarter, however, concentrations of TPPH, benzene, and MTBE were non-detectable in this well. Benzene concentrations were below the maximum contaminant level (MCL) of 1.0 µg/L as established by the California Department of Health Services. Recently, MTBE concentrations have remained relatively stable around 10 µg/L or below. Although some slight increases in MTBE concentrations were observed, only the concentrations in wells MW-7 and MW-9 were greater than the secondary maximum contaminant limit (MCL) of 5 µg/L, and none of the wells had an MTBE concentration above the primary MCL of 13 µg/L.

CHARACTERIZATION STATUS

Based on the results of recent assessments, residual concentrations of petroleum hydrocarbons and fuel oxygenates within the source area (former USTs) and vicinity have been removed or naturally attenuated over time and are relatively low, and the lateral extent of impacts in soil have been delineated. The vertical extent of impact in soil has been delineated with the non-detectable results from the sample from boring SB-10 at 28 feet bgs. The majority of petroleum

hydrocarbon mass within the source area was removed during the removal and replacement of the USTs in October 1990.

Review of groundwater analytical results from groundwater monitoring events, soil boring assessments, and the recent installation of additional groundwater monitoring wells (MW-7 through MW-10) indicated that the lateral extent of TPHg, BTEX, and MTBE has been delineated by relatively low to non-detectable concentrations in borings G-1, SB-6, SB-7, SB-9, wells MW-1 and MW-2 to the north, borings SB-11 through SB-16 and well MW-6 to the east and south, and borings SB-1 through SB-4, SB-16, SB-32, and SB-33 to the west and southwest. Grab samples from borings SB-34 through SB-37, and wells MW-7 and MW-10, which are situated further to the west/southwest, contained relatively low levels of MTBE up to a maximum concentration of 57 µg/L. Groundwater samples collected following purging from wells MW-7 and MW-10 during the third and fourth quarter 2006, which may be considered more representative of subsurface conditions, contained non-detectable levels of TPHg, except for 95 µg/L TPHg in MW-7 in the third quarter 2006. MTBE in this well was less than 0.50 [ND] in the third quarter and 8.3 µg/L in the fourth quarter 2006. Well MW-10 contained less than 50 µg/L [ND] TPHg in the third and fourth quarter 2006, less than 0.50 [ND] MTBE in third quarter 2006, and 2.2 µg/L in the fourth quarter 2006.

REMEDIAL PERFORMANCE SUMMARY

Oxygen releasing compound was placed in MW-5 in 1999. Oxygen releasing compound (360 pounds) was also placed in the bottom of the UST pit during the tank removal in 2000.

SECOR performed a DPE Pilot Test at the site on November 5 through November 10, 2001. DPE was performed using a 20-hp liquid-ring vacuum pump connected to an H2Oil Thermal Oxidizer (Therm-ox) for abatement of the extracted soil vapors prior to discharge to the atmosphere. DPE tests were performed on well MW-3 for 5.5 hours, RW-1 for 14 hours, and simultaneously on wells MW-3 and RW-1 for 72 hours. The total DPE time was approximately 100 hours. Applied vacuum was approximately 25 inches of mercury, and maximum vapor flow rates ranged from 51.25 cubic feet per minute (cfm) for MW-3 to 155.22 cfm for MW-3 plus RW-1. Groundwater extraction flow rates ranged from 0.05 to 0.5 gallons per minute. Influent vapor concentrations ranged from 5,200 parts per million by volume (ppmv) of TPHg, 150 ppmv of benzene, and 370 ppmv of MTBE at the start of the test (from well RW-1) to 440 ppmv of TPHg, 1.2 ppmv of benzene, and 8.1 of ppmv MTBE near the end of the test (well RW-1). Based on influent vapor concentrations, average flow rates, and the duration of the test an estimated 36.55 pounds of TPHg, 0.56 pounds of benzene, and 0.47 pounds of MTBE were removed from the subsurface. The estimated radii of influence for MW-3 and RW-1 ranged from 15 to 55 feet and 48 to 85 feet, respectively.

SECOR installed a portable DPE system during the first quarter of 2006. The DPE system well network consists of wells MW-3, MW-5, and RW-1. The DPE system consists of a 100-gallon liquid/vapor separator, a Solleco 350- standard cubic feet per minute (scfm) thermo/catalytic oxidizer with a Travani 25-hp liquid ring pump, a 6,500 gallon Baker tank with secondary containment, and a 1,000 gallon propane tank for the generator and abatement of the oxidizer. The system was connected to electrical power from the vacant Kragen building on July 25, 2006. The system operates under Bay Area Unified Air Quality Management District (BAAQMD) Permit to Operate (PTO) for Plant #13708, issued on October 26, 2005. The DPE

system operated at the site during the fourth quarter 2006. The BAAQMD PTO requires that the portable DPE system be shut down before it has been operating at a single location for 12 consecutive months or the portable DPE system loses its portability.

The system was started on March 20, 2006. Near the end of the fourth quarter 2006, the system had removed approximately 692,520 gallons of groundwater from beneath the site. During the fourth quarter 2006, the DPE system was approximately 94% operational, removed approximately 219,080 gallons of groundwater, and ran for approximately 1,745 hours.

On October 3, November 13, and December 7, 2006, samples were collected from the groundwater influent. After collection, the samples were placed in an ice chilled cooler for transport under chain-of-custody (CoC) documentation to a California State-certified analytical laboratory (KIFF Analytical LLC). The samples were analyzed for TPHg, benzene, toluene, ethylbenzene, total xylenes, MTBE, DIPE, ETBE, TAME, and TBA by EPA Method 8260B.

On October 3, November 13 and December 7, 2006, laboratory vapor samples were collected from the well field influent vapor and oxidizer effluent vapor streams for analysis of TPHg, benzene, toluene, ethylbenzene, total xylenes, and MTBE under EPA Method 8260. The air samples were sent under COC documentation to a California State-Certified analytical laboratory (KIFF Analytical LLC).

During the fourth quarter 2006, through groundwater extraction (GWE), the system removed an approximate total of 0.063 pounds (0.010 gallons) of TPHg, 0.004 pounds (0.001 gallons) of MTBE and 0.006 pounds (0.001 gallons) of TBA. Soil vapor extraction (SVE) removed approximately 5.29 pounds (0.87 gallons) of TPHg, and 0.06 pounds (0.01 gallons) of MTBE.

Through GWE, a total of approximately 692,520 gallons of water have been removed since system start-up. The DPE system (GWE and SVE combined) has removed approximately 12.146 pounds (1.99 gallons) of TPHg, 0.217 pounds (0.033 gallons) of MTBE and .029 pounds (0.004 gallons) of TBA.

DPE system operation and analytical data are presented in Tables 2 through 7. Illustrations of chemical concentrations and mass removal versus time are shown on Figures 2 through 5. DPE O&M analytical data and field data sheets are included in Attachment 2.

REMEDIAL PERFORMANCE DISCUSSION

Mass recovery rates from the remediation system are low for feasible DPE and are likely to continue to be low due to residual levels of hydrocarbon constituents in the groundwater and soil vapors. DPE is an effective strategy for removing residual contamination underneath the site; however, influent vapor and groundwater concentrations are low despite a high vapor radius of influence. The low mass removal rates indicate a low mass of contaminants below the site. SECOR recommends shutting the DPE system down during the first quarter, and allowing natural attenuation of residual contamination.

During the fourth quarter 2006, the system was 94% operational. Downtime for the DPE system was attributed to shutting down the system for groundwater sampling on October 24, 2006. The system blew a fuse and destroyed several electrical wires on the liquid ring pump on December

19, 2006. The fuse and wires have been removed and replaced, and the system returned to operation. Because the BAAQMD PTO requires that the portable DPE system be shut down before it has been operating at a single location for 12 consecutive months or the portable DPE system loses its portability, SECOR will be shutting the system down prior to March 20, 2006.

RECENT SUBMITTALS/CORRESPONDENCE

Submitted:

No Further Action Analysis and Human Health Risk Assessment, dated October 6, 2006.

Quarterly Status and Remediation Summary Report – Third Quarter 2006, dated November 6, 2006.

No Further Action Required Report and Request for Site Closure, dated November 6, 2006.

WASTE DISPOSAL SUMMARY

The disposal of purged groundwater during the quarterly groundwater monitoring event was documented in TRC's *Quarterly Monitoring Report, October through December 2006,* dated November 7, 2006 (Attachment 1). Approximately 219,080 gallons of water removed by the DPE system were transported by Veolia Environmental Services to the ConocoPhillips refinery in Rodeo, California. A log of the volume of transported water in contained in Attachment 3.

THIS QUARTER ACTIVITIES (Fourth Quarter 2006)

1. TRC conducted quarterly groundwater monitoring and sampling.
2. SECOR sampled wells MW-3, MW-5 and RW-1.
3. SECOR submitted No Further Action Analysis and Human Health Risk Assessment.
4. SECOR prepared and submitted quarterly summary report.
5. SECOR performed an updated sensitive receptor survey.
6. SECOR submitted No Further Action Required Report and Request for Site Closure.
7. SECOR operated dual-phase extraction system.

NEXT QUARTER ACTIVITIES (First Quarter 2007)

1. TRC to perform quarterly groundwater monitoring and sampling.
2. SECOR to shut down the portable DPE system prior to March 20, 2006.
3. SECOR to prepare and submit an end of calendar year portable DPE system report to BAAQMD.

4. SECOR to prepare and submit quarterly summary and monitoring report.

5. SECOR to prepare and submit a portable DPE system completion of treatment operation report BAAQMD.

LIMITATIONS

This report was prepared in accordance with the scope of work outlined in SECOR's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of the ConocoPhillips Company for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to SECOR. To the extent that this report is based on information provided to SECOR by third parties, SECOR may have made efforts to verify this third party information, but SECOR cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigation. No other warranties, expressed or implied are made by SECOR.

Prepared by:

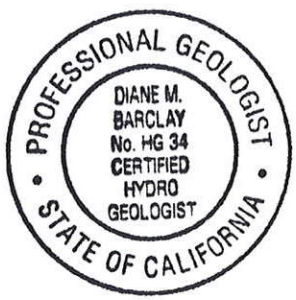
Matthew Battin
Project Scientist

Information, conclusions, and recommendations provided by SECOR in this document have been prepared under the supervision of and reviewed by the licensed professionals whose signatures appear below.

Licensed Approver, Geology

Name: Diane Barclay, C.H.G. **Signature**:

Date: March 15, 2007 **Stamp**:



Licensed Approver, Engineering

Name: Adrian Pérez, P.E. **Signature**:

Date: March 15, 2007 **Stamp**:

Enclosures:

Figures:	Figure 1	Groundwater Flow Direction Rose Diagram
	Figure 2	Temporary DPE Influent Soil Vapor Concentrations
	Figure 3	Temporary DPE Soil Vapor Mass Recovery
	Figure 4	Temporary DPE Influent Groundwater Concentrations
	Figure 5	Temporary DPE Groundwater Mass Recovery
Tables:	Table 1	Historical Groundwater Gradient and Flow Direction
	Table 2	Temporary Dual Phase Extraction System-Operating Data
	Table 3	Temporary Dual Phase Extraction System - Soil Vapor Influent Analytical Data and Mass Recovery
	Table 4	Temporary Dual Phase Extraction System - Soil Vapor Emissions Data
	Table 5	Temporary Dual Phase Extraction System-Well Status Data
	Table 6	Temporary Dual Phase Extraction System – Groundwater Analytical Data
	Table 7	Temporary Dual Phase Extraction System - Groundwater Mass Recovery
Attachments:	Attachment 1	TRC's *Quarterly Monitoring Report – October Through December 2006*, dated November 7, 2006
	Attachment 2	O&M Analytical Data, Field Data Sheets, and Laboratory Reports
	Attachment 3	Veolia Transportation Log

REFERENCES CITED

Gettler-Ryan, Incorporated. 2000. Underground Storage Tank and Product Piping Removal Report for Former Tosco 76 Service Station No. 7004, 15599 Hesperian Boulevard, San Leandro, California. September 8

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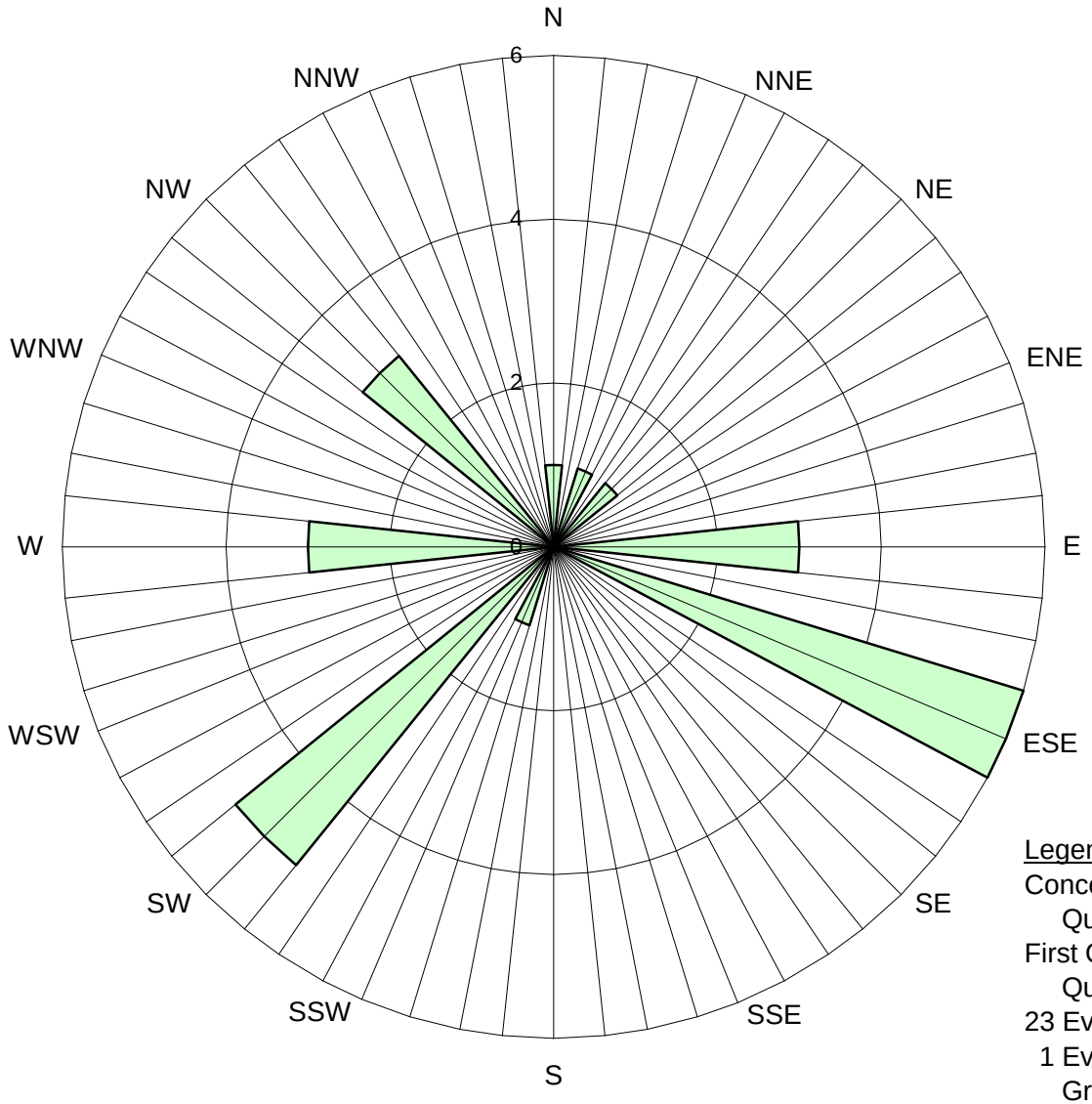
FIGURES

Figure 1
Groundwater Flow Direction Rose Diagram
Former 76 Service Station No**.** 7004
15599 Hesperian Boulevard
San Leandro, California



Legend
Concentric Circles represent Quarterly Montoring Events
First Quarter 1999 through Third Quarter 2006
23 Events Shown
1 Event Had A Radially Inward Gradient

Figure 2
Temporary DPE Influent Soil Vapor Concentrations

CP 7004
15599 Hesperian Blvd
San Leandro, California

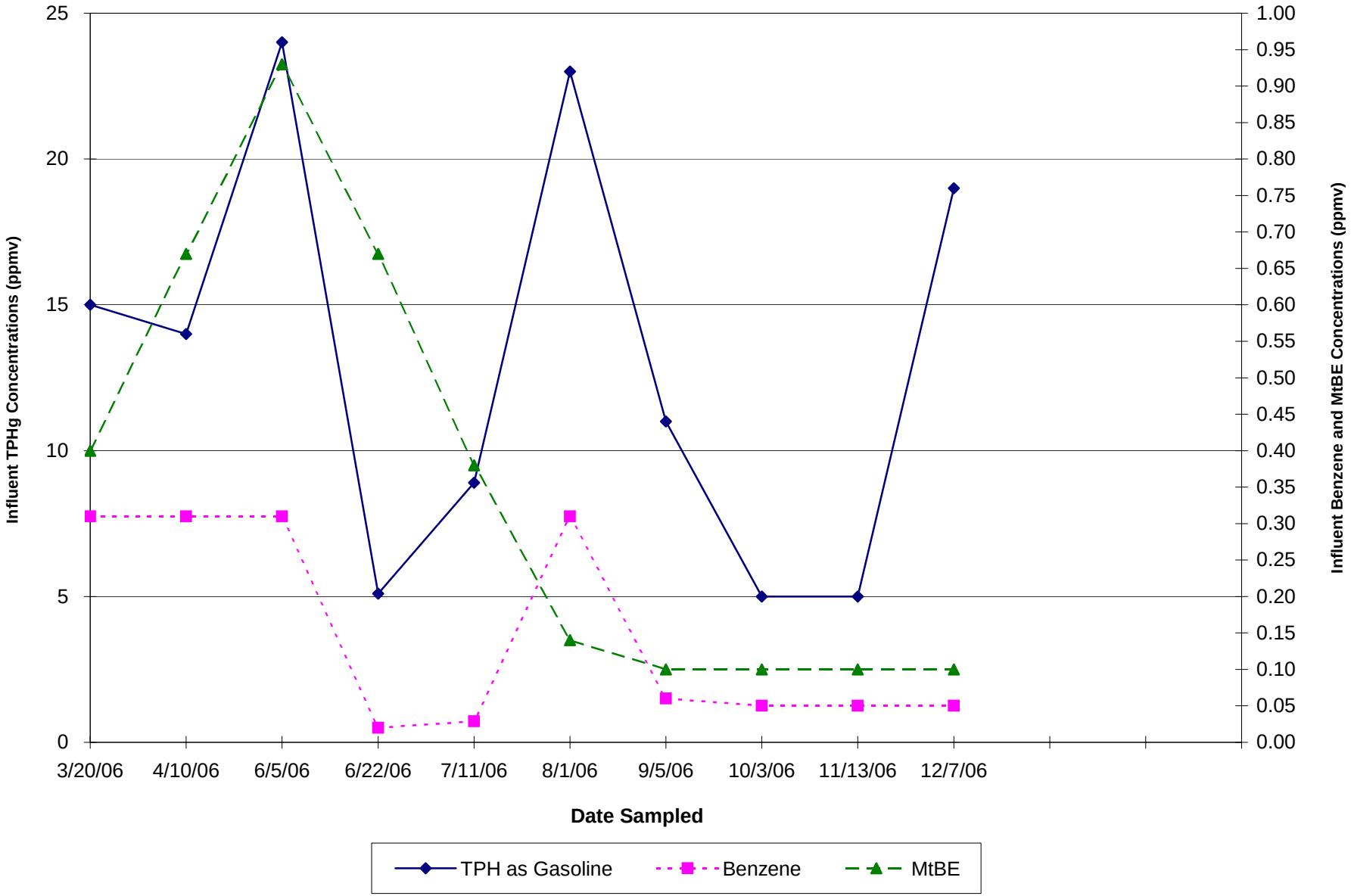


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Figure 3
Temporary DPE Soil Vapor Mass Recovery

CP 7004
15599 Hesperian Blvd
San Leandro California

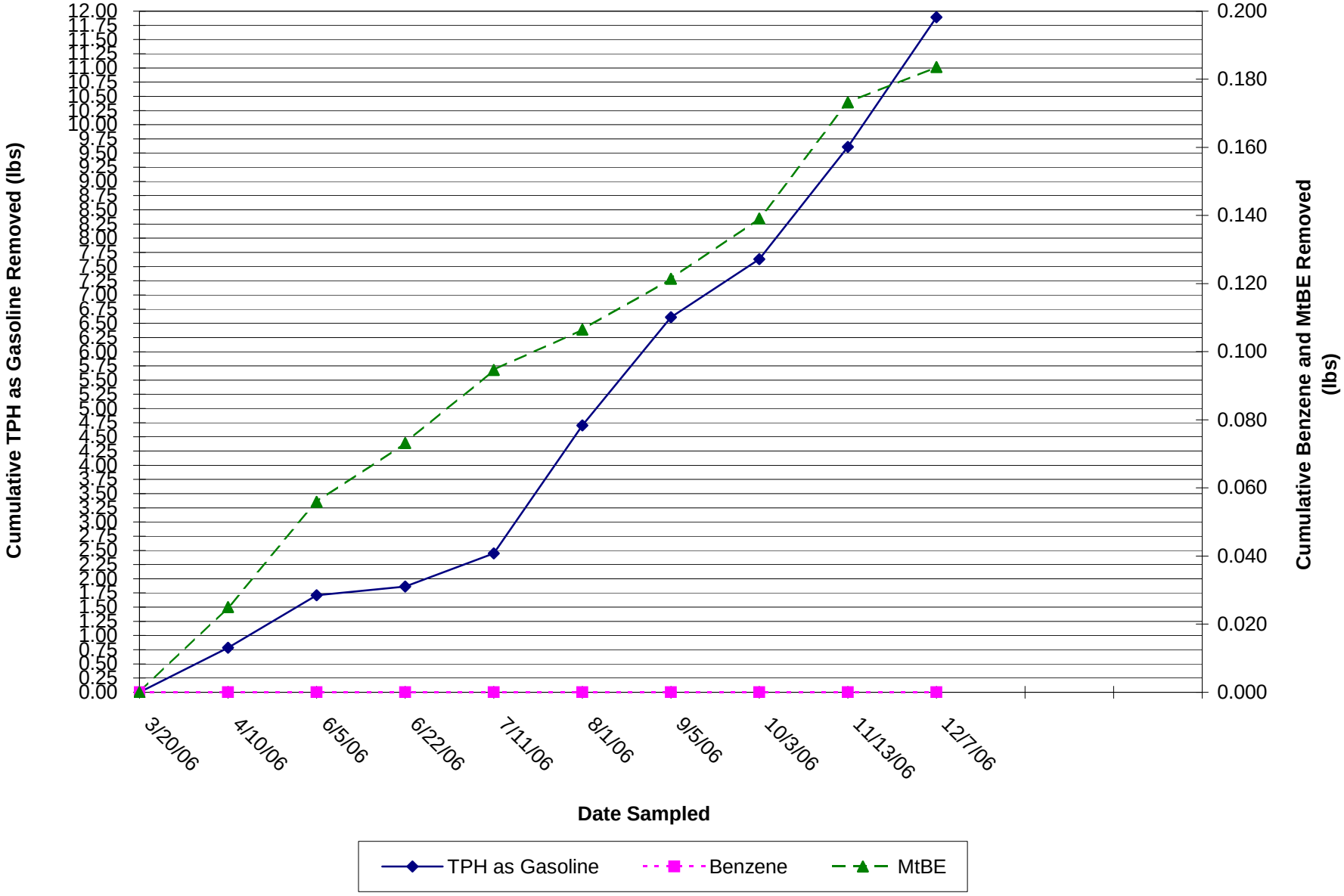

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Figure 4
Temporary DPE Influent Groundwater Concentrations

CP 7004
15599 Hesperian Blvd
San Leandro, California

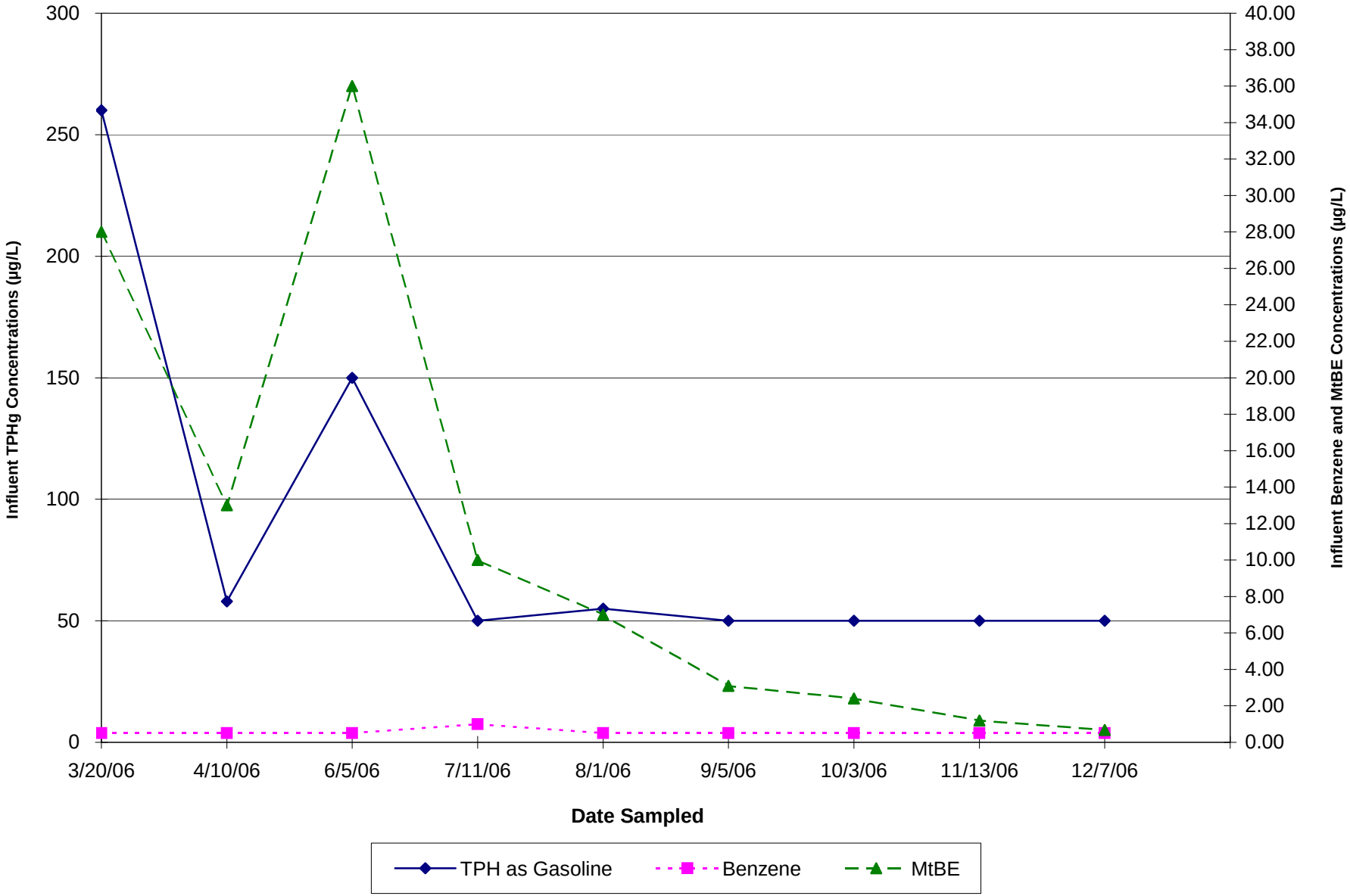

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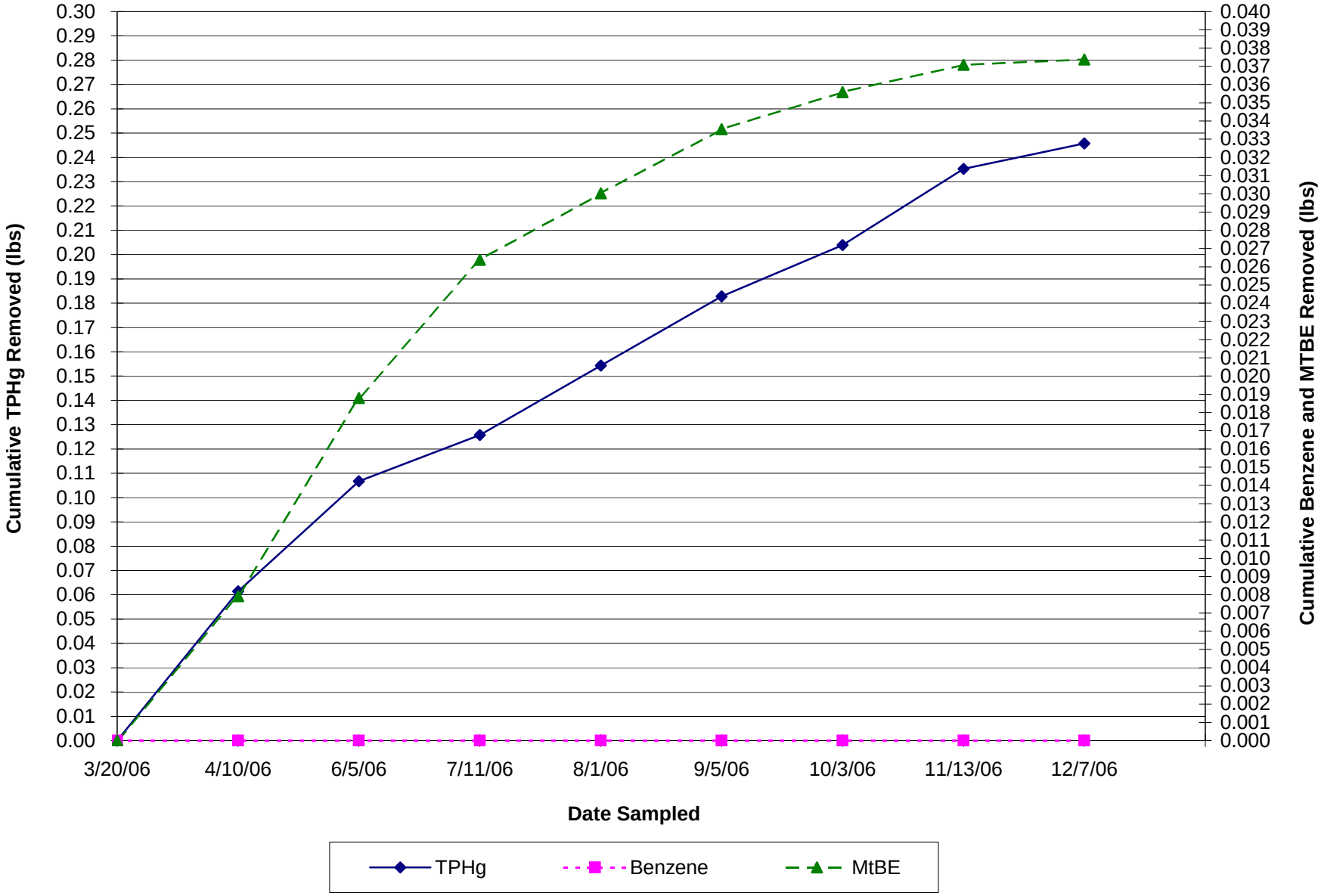
Figure 5
Temporary DPE Groundwater Mass Recovery

CP 7004
15599 Hesperian Blvd
San Leandro, California



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TABLES

TABLE 1
Historical Groundwater Gradient and Flow Direction
Former 76 Service Station No. 7004
15599 Hesperian Boulevard
San Leandro, California

Monitoring Date	Average GWE (ft msl)	Groundwater Gradient (foot per foot)		Groundwater Flow Direction															
				N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW
01/11/99	22.59	0.003	--	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
01/04/00	22.56	0.006	--	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07/15/00	22.92	0.010	--	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/19/01	23.37	0.007	--	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
07/31/01	21.89	0.003	--	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/28/02	23.38	0.003	--	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
04/22/02	23.47	0.006	--	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
05/24/02	23.10	0.005	--	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
08/29/02	22.18	0.003	--	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
01/24/03	24.26	0.002	--	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
04/18/03	23.83	0.003	--	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
07/18/03	22.40	0.005	--	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
10/01/03	21.70	0.004	--	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01/30/04	23.08	0.004	--	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
04/26/04	23.53	0.004	--	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
07/28/04	22.46	0.003	--	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
10/19/04	21.93	0.005	--	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
01/05/05	23.34	0.001	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
06/14/05	24.66	0.003	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
09/29/05	23.02	0.003	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
12/02/05	22.68	0.006	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
03/21/06	24.74	0.010	--	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
05/25/06	26.09	0.020	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08/25/06	24.16	0.010	--	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
10/18/06	23.46	0.030	--	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	23.23	**0.006**	**Average**	**1**	**1**	**1**	**0**	**3**	**6**	**0**	**0**	**0**	**1**	**5**	**0**	**3**	**0**	**3**	**0**

Explanation

Number of Events **25** Events, one with (*) radially inward gradient.

Source: Historical Groundwater Gradient Maps from TRC and Gettler-Ryan Inc.

Table 2
Temporary Dual Phase Extraction System-Operating Data

Former 76 Station #7004
15599 Hesperian Blvd
San Leandro, California

Date	Notes	Hourmeter Reading (hours)	Totalizer Reading (gallons)	Well Field Temperature (°F)	System Vacuum (inHg)	Flow Rate (acfm)	Flow Rate (scfm) [1]	MW-3 FID (ppmv)	MW-5 FID (ppmv)	RW-1 FID (ppmv)	Well Field FID (ppmv)	
3/20/06	a	12,076.5	43,900	60	26	57.0	8	51.1	60.2	15.0	60	
3/27/06		12,099.8	54,000	60	26	62.9	9	398	187	17.9	389	
4/10/06	b,c	12,345.4	90,210	60	25	79.5	13	51	365	87.2	59.1	
4/17/06	d	12,464.8	114,700	--	--	--	--	--	--	--	--	
6/1/06	e	12,464.8	114,700	79.1	25	77.2	13	380.2	140.0	14.0	375	
6/5/06	f	12,557.7	126,390	78.1	25	70.1	11	109	75 F/O	25 F/O	100 F/O	
6/9/06		12,581.9	131,450	--	--	--	--	--	--	--	--	
6/12/06		12,604.2	136,030	--	--	--	--	--	--	--	--	
6/22/06	g	12,650.0	145,670	75.2	25	68.2	11	104.2	4.2	7.5	103	
6/26/06	h	12,725.8	159,240	98	25	71.2	11	--	--	--	--	
7/6/06		12,963.1	198,660	70.2	25	69.2	11	39	22	--	20	
7/11/06	j	13,085.4	217,320	70	25	69.2	11	21.2	15.9	9	20	
7/17/06	k	13,123.7	224,120	87.2	25	77.2	12	90 F/O	72.1 F/O	12.5 F/O	80 F/O	
7/25/06	l	13,311.0	254,500	--	--	--	--	--	--	--	--	
8/1/06		13,476.4	279,670	72.1	24	79.9	16	21.2	19.5	11.0	14.7	
8/8/06		13,644.9	301,300	77.2	26	60.2	8	30.5	10.2	5.1	27.1	
8/24/06		14,028.0	383,550	87.2	25	68.0	11	361.5	38.2	66.7	311.5	
8/29/06	m	14,078.5	391,404	59	24	38.8	8	28	4	--	3	
9/5/06		14,247.5	415,990	79.9	24	72.5	14	77.3	54.3	62.1	--	
9/12/06		14,414.0	441,350	87.2	23	81.2	18	71.2	47.5	60.5	65	
10/3/06		14,846.0	517,340	70.2	24	70.2	14	30	15	--	21.2	
10/6/06	n	14,887.0	524,548	--	--	--	--	--	--	--	--	
10/17/06		15,151.4	562,070	72.1	22	81.5	22	11.6	7.7	7.7	7.1	
10/24/06	o	15,318.5	591,380	--	--	--	--	29.2	3.6	7.1	--	
11/13/06		15,794.0	667,400	69.2	20	79.3	26	9.1	9	9	9	
11/21/06		15,984.7	683,450	--	--	--	--	10.9	9.2	7.2	10.1	
12/7/06		16,367.9	717,870	67.2	24	66.1	13	20.2	0	0	20.1	
12/19/06	p	16,590.9	736,420	--	--	--	--	--	--	--	--	

REPORTING PERIOD: Fourth Quarter

Period Operation (hours):	**1,745**
Period Operational (%):	**94%**
Period Extracted (gals):	**219,080**
Period Average Discharge Rate (gpm):	**2.1**
Total Operation (hours):	**4,514**
Total Operational (%):	**69%**
Total Liquid Extracted Historical (gals):	**692,520**
Average Historical Discharge Rate (gpm):	**2.6**

Definitions:

--	Data not available or not applicable
acfm	Actual cubic feet per minute
°F	Degrees Fahrenheit
FID	Flame Ionization Detector
F/O	Flame Out
inHg	Inches of mercury
ppmv	Parts per million by volume
scfm	Standard cubic feet per minute
gals	Gallons
[ ]	Indicates reference to equation
gpm	Gallons Per Minute

Equations:

[1] $$SCFM = \frac{ACFM \cdot T_{std} \cdot (P_{abs})}{(460 + T) \cdot P_{atm}}$$

T_{std} Temperature at standard conditions (528 Rankine)
P_{abs} Atmospheric pressure at standard conditions minus manifold vacuum (inHg)
P_{atm} Atmospheric pressure at standard conditions (29.92 inHg).
T Manifold vapor temperature reading (^{o}F).

Notes:

a = system start-up on 3/20/06
b = effluent reporting limits are assumed as the effluent concentration; vapor control system efficiency equation is not an accurate reflection of actual system efficiency
c = system down and restarted, set slurp tubes to top of casing
d = system down, generator unoperational and needs to be replaced
e = new generator installed and system restarted
f = system down, high level switch on baker tank triggered shut down of system on 6/4/06, system restarted
g = system resampled on 6/21/06 w/ less 10 ppmv reporting limits
h = system down, generator shut down due to high water temperature, system cooled down and restarted
j =system down upon arrival due to oil/water in generator crankcase, system restarted
k =system down upon arrival, high level switch on baker tank triggered shut down, system restarted
l =new PG&E electrical connection installed and generator removed
m =system down upon arrival due to air pressure alarm, system restarted
n =system down upon arrival, system restarted
o =system down to take grab samples for groundwater sampling
p =system down upon arrival; blown fuse removed and replaced; Liquid Ring Pump wires were fried and were removed and replaced; system restarted

Permits:

·Air emissions are permitted under Bay Area Air Quality Management District Application Number 13031 and MTS Plant Number 13708.

Table 3
Temporary Dual Phase Extraction System - Soil Vapor Influent Analytical Data and Mass Recovery

Former 76 Station #7004
15599 Hesperian Blvd
San Leandro, California

Date Sampled	Sample ID	Notes	Hour Meter Reading (hours)	Well Field Flow Rate (scfm)	Influent Concentrations							TPHg Recovery			Benzene Recovery			MtBE Recovery		
					TPHg (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	MtBE (ppmv)	VOC (ppmv)	Recovery Rate (lbs/day) [1]	Period Net Recovery (lbs) [2]	Cumulative Recoverey (lbs) [3]	Recovery Rate (lbs/day) [1]	Period Net Recovery (lbs) [2]	Cumulative Recovery (lbs) [3]	Recovery Rate (lbs/day) [1]	Period Net Recovery (lbs) [2]	Cumulative Recovery (lbs) [3]
3/20/2006	INF		12076.5	12	**15**	<0.31	<0.26	<0.23	<0.23	**0.40**	16.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/10/2006	INF		12,345.4	13	<14	<0.31	<0.26	**0.27**	<0.23	**0.67**	15.74	0.07	0.79	0.79	0.00	0.00	0.00	0.00	0.03	0.03
6/5/2006	INF		12,557.7	11	**24**	<0.31	<0.26	0.23	<0.23	**0.93**	25.96	0.10	0.92	1.71	0.00	0.00	0.00	0.00	0.03	0.06
6/22/2006	INF		12,725.8	11	**5.1**	<0.02	**0.031**	<0.02	<0.02	**0.67**	5.86	0.02	0.15	1.86	0.00	0.00	0.00	0.00	0.02	0.07
7/11/2006	INF		13,085.4	11	**8.9**	0.029	**0.051**	**0.14**	**0.030**	**0.38**	9.53	0.04	0.58	2.45	0.00	0.00	0.00	0.00	0.02	0.09
8/1/2006	INF		13,476.4	16	**23.0**	<0.31	<0.26	0.23	<0.23	<0.14	24.17	0.14	2.26	4.70	0.00	0.00	0.00	0.00	0.01	0.11
9/5/2006	INF		14,247.5	14	**11.0**	<0.06	<0.05	<0.05	**0.05**	**0.10**	11.31	0.06	1.90	6.61	0.00	0.00	0.00	0.00	0.01	0.12
10/3/2006	INF		14,846.0	22	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10	5.30	0.04	1.02	7.63	0.00	0.00	0.00	0.00	0.02	0.14
11/13/2006	INF		15,794.0	26	<5.0	<0.05	<0.05	<0.05	<0.05	<0.10	5.30	0.05	1.98	9.61	0.00	0.00	0.00	0.00	0.03	0.17
12/7/2006	INF		16,367.9	13	**19**	<0.05	<0.05	<0.05	<0.05	<0.10	19.30	0.10	2.29	11.90	0.00	0.00	0.00	0.00	0.01	0.18
REPORTING PERIOD: Fourth Quarter																				
Period Pounds Removed [4]:													**5.29**			**0.00**			**0.06**	
Period Gallons Removed [5]:													**0.87**			**0.00**			**0.01**	
Total Pounds Removed [6]:													**11.90**			**0.00**			**0.18**	
Total Gallons Removed [7]:													**1.95**			**0.00**			**0.03**	

Definitions:

lbs	Pounds
MtBE	Methyl tert-butyl ether
ppmv	Parts per million by volume
scfm	Standard cubic feet per minute
TPHg	Total petroleum hydrocarbons as gasoline
VOC	Volatile organic compound

Notes:

Molecular Weights:

TPHg	102 g/mol
Benzene	78 g/mol
MtBE	88 g/mol

Densities:

Density of Gasoline= 6.1 lb/gal
Density of Benzene= 7.4 lb/gal
Density of MtBE= 6.18 lb/gal

Equations:

[1] $$\text{Recovery Rate}\left(\frac{lb}{day}\right)=\frac{\text{Concentration (ppmv)}\cdot\text{Molecular Weight}\cdot\text{Flow}\left(\frac{\text{ft}^3}{\text{min}}\right)\cdot 60\left(\frac{\text{min}}{\text{hour}}\right)\cdot 24\left(\frac{\text{hour}}{\text{day}}\right)}{V_{ideal}\left(\text{ft}^3\right)\cdot 10^6}$$

[2] $$\text{Period Net Recovery (lbs)}=\frac{\text{Recovery Rate}\left(\frac{\text{lb}}{\text{day}}\right)\cdot\left(\text{Hour Meter Reading}_{\,t}-\text{Hour Meter Reading}_{\,t-1}\right)(\text{hour})}{24\left(\frac{\text{hour}}{\text{day}}\right)}$$

[3] $$\text{Cumulative Recovery (lbs)}=\sum\text{Period Net Recovery (lbs)}$$

[4] $$\text{Period Pounds Removed (lbs)}=\text{Reporting Period Net Recovery (lbs)}$$

[5] $$\text{Period Gallons Removed (gallons)}=\frac{\text{Period Pounds Removed (lbs)}}{\text{Density}\left(\frac{\text{lb}}{\text{gal}}\right)}$$

[6] $$\text{Total Pounds Removed (lbs)}=\text{Cumulative Recovery (lbs)}$$

[7] $$\text{Total Gallons Removed (gallons)}=\frac{\text{Total Pounds Removed (lbs)}}{\text{Density}\left(\frac{\text{lb}}{\text{gal}}\right)}$$

V_{ideal} = Volume of 1.0 mole of an ideal gas is 386.6 ft^3 at 70 ^{0}F and 29.92 inHg

Table 4
Temporary Dual Phase Extraction System - Soil Vapor Emissions Data

Former 76 Station #7004
15599 Hesperian Blvd
San Leandro, California

Date Sampled	Sample ID	Notes	Hour Meter Reading (hours)	Total System Flow Rate (scfm)	TPHg (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	MTBE (ppmv)	VOC (ppmv)	VOC Emissions Rate (lbs/day)	VOC Emissions Cumulative Emissions (lbs)	Benzene Emissions Rate (lbs/day)	Benzene Emissions Cumulative Emissions (lbs)
3/20/2006	EFF	a,b	12,076.5	12	<14	<0.31	<0.26	<0.23	<0.23	<0.14	15.17	0	0	0	0
4/10/2006	EFF		12,345.4	13	<14	<0.31	<0.26	<0.23	<0.23	<0.14	15.17	0.07	0.82	0.001	0.01
6/5/2006	EFF		12,557.7	11	<14	<0.31	<0.26	<0.23	<0.23	<0.14	15.17	0.07	1.46	0.001	0.02
6/22/2006	EFF	c	12,725.8	11	**1.8**	<0.020	**0.022**	<0.020	<0.020	<0.020	1.90	0.01	1.59	0.000	0.02
7/11/2006	EFF		13,085.4	11	**2.4**	**0.030**	**0.040**	<0.020	**0.025**	<0.020	2.54	0.01	1.83	0.000	0.03
8/1/2006	EFF		13,476.4	16	<5	<0.31	<0.26	<0.23	<0.23	<0.14	6.17	0.04	2.99	0.001	0.07
9/5/2006	EFF		14,247.5	14	<1.0	<0.062	<0.052	<0.046	<0.046	<0.028	1.23	0.01	3.31	0.000	0.08
10/3/2006	EFF		14,846.0	22	<5.0	<0.050	<0.050	<0.050	<0.050	<0.10	5.30	0.04	5.79	0.000	0.10
11/13/2006	EFF		15,794.0	26	<5.0	<0.050	<0.050	<0.050	<0.050	<0.10	5.30	0.05	9.22	0.000	0.13
12/7/2006	EFF		16,367.9	13	<5.0	<0.050	<0.050	<0.050	<0.050	<0.10	5.30	0.03	10.91	0.000	0.14

Definitions:

lbs	Pounds
MTBE	Methyl tert-butyl ether
ppmv	Parts per million by volume
scfm	Standard cubic feet per minute
TPHg	Total petroleum hydrocarbons as gasoline
VOCs	Total Number of Volatile organic compounds

Permit Conditions (Application No. 13031):

VOC Control Efficiency > 98.5% (For inlet concetrations ≥ 2000 ppmv)
VOC Control Efficiency > 97% (For inlet concetrations ≥ 200 ppmv and < 2000 ppmv)
VOC Control Efficiency > 90% (For inlet concetrations < 200 ppmv)
VOC Control Efficiency Waived for Outlet Efficiencies < 10 ppmv

Notes:

a = system start-up
b = effluent reporting limits are assumed as effluent concentration; vapor control system efficiency is not an accurate reflection of system efficiency
c = outlet efficiencies less than 10 ppmv
* Detection limits assumed to provide a maximum estimate for vapor emissions to the atmosphere, which is a conservative estimate

Table 5
Temporary Dual Phase Extraction System-Well Status Data

CP 7004
15599 Hesperian Blvd
San Leandro, California

		MW-3						MW-5						RW-1					
Date	Notes	Status (% Open)	System Vacuum (in Hg)	Well Vacuum (in Hg)	Slurp Tube Depth	Flow Rate (gpm)	FID (ppmv)	Status (% Open)	System Vacuum (in Hg)	Well Vacuum (in Hg)	Slurp Tube Depth	Flow Rate (gpm)	FID (ppmv)	Status (% Open)	System Vacuum (in Hg)	Well Vacuum (in Hg)	Slurp Tube Depth	Flow Rate (gpm)	FID (ppmv)
3/20/2006		C	--	--	--	--	--	O-100	25	25	20	3	60	C	--	--	--	--	--
3/27/2006		O-100	26	25	TOC	3.9	389	C	--	--	--	--	--	C	--	--	--	--	--
4/10/2006		C	--	--	--	--	--	O-100	25	23	TOC	3	365	O-10	25	1.9	TOC	3	87
6/1/2006		O-100	26	24	TOC	1	375	O-10	26	2.7	TOC	0.1	140	C	--	--	--	--	--
6/5/2006		O-10	25	1	TOC	0.1	100 (F/O)	O-100	25	20	TOC	2.9	75 (F/O)	C	--	--	--	--	--
6/22/2006		O-100	--	--	--	--	104.2	O-10	--	--	--	--	4.2	O-10	--	--	--	--	7.5
6/26/2006		P	20	20	TOC	1.2	--	O	20	--	TOC	--	--	P	20	--	TOC	--	--
7/6/2006		O-100	25	23	TOC	3	39	O-10	25	2	TOC	0	22	O-10	25	2	TOC	0	5
7/11/2006		O-100	--	--	--	--	21.2	O-10	--	--	--	--	15.9	O-10	--	--	--	--	9
7/17/2006		O-100	25	20	TOC	2.5	90 (F/O)	O-20	25	8	TOC	2.5	72.1 (F/O)	C	--	--	--	--	12.5 (F/O)
8/1/2006	a	O-100	26	22	a	2.5	32.7	C	--	--	--	--	--	C	--	--	--	--	--
8/8/2006		O-100	26	24	Bottom	2.5	30	O-10	26	4	TOC	0.1	10	O-10	26	4	TOC	0.1	5
8/24/2006		O-100	25	20	Bottom	3	360	C	--	--	--	--	--	O-30	25	4	TOC	0.5	65
8/29/2006		O-50	24	13.5	Bottom	0.5	28	O-100	24	23.12	TOC	2	4	C	--	--	--	--	--
9/5/2006		O-100	23	20	Bottom	--	70	O-10	23	1	TOC	--	50	O-10	23	1	TOC	--	60
9/12/2006		O-100	23	20	Bottom	--	70	O-20	23	4	TOC	--	50	O-20	23	4	TOC	--	60
10/3/2006		O-100	24	21	Bottom	--	30	O-50	20	17	a	--	15	C	--	--	--	--	--
10/6/2006		O-100	--	--	--	--	--	O-50	--	--	--	--	--	C	--	--	--	--	--
10/17/2006		O-100	22	20	Bottom	1	11.6	O-100	22	19	Bottom	1	7.7	O-100	22	20	Bottom	1	7.7
10/24/2006		O-100	--	--	Bottom	--	29.2	O-100	--	--	Bottom	--	3.6	O-100	--	--	a	--	7.1
11/13/2006		O-100	20	17.1	Bottom	--	9.1	O-100	20	17.2	Bottom	--	9	O-100	20	17.5	Bottom	--	9
11/21/2006		O-100	--	--	b	--	10.9	O-100	--	--	b	--	9.2	O-100	--	--	d	--	7.2
12/7/2006		O-100	24	21	Bottom	1	20.2	O-10	24	2	c	--	0	O-10	24	2	c	--	0

Definitions:

--	Not measured or not applicable
C	Closed
FID	Flame Ionization Detector
F/O	FID flame out
gpm	Gallons per minute
in Hg	Inches of mercury
O	Open
P	Partially Open
ppmv	Parts per million by volume

Notes:

a	Slurp tube located 1 ft from bottom
b	Slurp tube located 2 ft from bottom
c	Slurp tube located 4 ft from bottom
c	Slurp tube located 5 ft from bottom

Table 6
Temporary Dual Phase Extraction System - Groundwater Analytical Data

CP 7004
15599 Hesperian Blvd
San Leandro, California

Date Sampled	Sample ID	Notes	TPHg (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TBA (µg/L)	EDB (µg/L)	1,2-DCA (µg/L)	Ethanol (µg/L)
3/20/2006	KO		**260**	<0.50	<0.50	**1.6**	<1.0	**28**	<1.0	<0.50	<0.50	**18**	--	--	--
4/10/2006	KO		**58**	<0.50	<0.50	**0.58**	<1.0	**13**	<1.0	<0.50	<0.50	**14**	--	--	--
6/5/2006	KO		**150**	<0.50	<0.50	**1.6**	<1.0	**36**	<1.0	<0.50	<0.50	**10**	--	--	--
7/11/2006	KO		<50	<1.0	<1.0	<1.0	<1.0	**10**	<2.0	<2.0	<2.0	<25	<1.0	<1.0	<500
8/1/2006	KO		**55**	<0.50	<0.50	<0.50	<1.0	**7.0**	<1.0	<0.50	<0.50	<5.0	<0.50	**0.85**	<100
9/5/2006	KO		<50	<0.50	<0.50	<0.50	<1.00	**3.1**	<1.0	<0.50	<0.50	<5.0	<0.50	<0.50	<250
10/3/2006	KO		<50	<0.50	<0.50	<0.50	<0.50	**2.4**	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	--
11/13/2006	KO		<50	<0.50	<0.50	<0.50	<0.50	**1.2**	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<5.0
12/7/2006	KO		<50	<0.50	<0.50	<0.50	<0.50	**0.68**	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	--

Definition:

1,2-DCA	1,2-dichloroethane
DIPE	Diisopropyl ether
EDB	Ethylene dibromide
ETBE	Ethyl tertiary-butyl ether
µg/L	Micrograms per liter
MTBE	Methyl tert-butyl ether
TAME	Tertiary-amyl methyl ether
TBA	Tertiary-butyl alcohol
TPHg	Total petroleum hydrocarbons as gasoline (gasoline range organics)
KO	Knockout

Table 7
Temporary Dual Phase Extraction System - Groundwater Mass Recovery

CP 7004
15599 Hesperian Blvd
San Leandro, California

Influent						Influent Concentrations				TPHg Recovery			Benzene Recovery			MtBE Recovery			TBA Recovery		
Date Sampled	Sample ID	Notes	Hour Meter Reading (hours)	Totalizer Reading (gallons)	Period Volume Extracted (gallons)	TPHg (µg/L)	Benzene (µg/L)	MtBE (µg/L)	TBA (µg/L)	Removal Rate (lbs/day) [1]	Period Net Removed (lbs) [2]	Cumulative Removed (lbs) [3]	Removal Rate (lbs/day) [1]	Period Net Removed (lbs) [2]	Cumulative Removed (lbs) [3]	Removal Rate (lbs/day) [1]	Period Net Removed (lbs) [2]	Cumulative Removed (lbs) [3]	Removal Rate (lbs/day) [1]	Period Net Removed (lbs) [2]	Cumulative Removed (lbs) [3]
3/20/2006	KO		12076.5	43,900	--	**260**	<0.5	**28**	**18**	0.000	0.000	0.000	0.000	0.000	0.000	0.0000	0.000	0.000	0.0000	0.000	0.000
4/10/2006	KO		12345.4	90,210	46,310	**58**	<0.50	**13**	**14**	0.005	0.061	0.061	0.000	0.000	0.000	0.0007	0.008	0.008	0.0006	0.006	0.006
6/5/2006	KO		12557.7	126,390	36,180	**150**	<0.50	**36**	**10**	0.005	0.045	0.107	0.000	0.000	0.000	0.0012	0.011	0.019	0.0003	0.003	0.009
7/11/2006	KO		13085.4	217,320	90,930	<50	<1.0	**10**	<25	0.001	0.019	0.126	0.000	0.000	0.000	0.0003	0.008	0.026	0.0004	0.009	0.019
8/1/2006	KO		13476.4	279,670	62,350	**55**	<0.5	**7.0**	<5	0.002	0.029	0.154	0.000	0.000	0.000	0.0002	0.004	0.030	0.0001	0.001	0.020
9/5/2006	KO		14247.5	415,990	136,320	<50	<0.5	**3.1**	<5	0.001	0.028	0.183	0.000	0.000	0.000	0.0001	0.004	0.034	0.0001	0.003	0.023
10/3/2006	KO		14846.0	517,340	101,350	<50	<0.5	**2.4**	<5	0.001	0.021	0.204	0.000	0.000	0.000	0.0001	0.002	0.036	0.0001	0.002	0.025
11/13/2006	KO		15794.0	667,400	150,060	<50	<0.5	**1.2**	<5	0.001	0.031	0.235	0.000	0.000	0.000	0.0000	0.002	0.037	0.0001	0.003	0.028
12/7/2006	KO		16367.9	717,870	50,470	<50	<0.5	**0.7**	<5	0.000	0.011	0.246	0.000	0.000	0.000	0.0000	0.000	0.037	0.0000	0.001	0.029
REPORTING PERIOD: Fourth Quarter																					
Period Pounds Removed [4]:											**0.063**			**0.000**			**0.004**			**0.006**	
Period Gallons Removed [5]:											**0.010**			**0.000**			**0.001**			**0.001**	
Total Pounds Removed [6]:											**0.246**			**0.000**			**0.037**			**0.029**	
Total Gallons Removed [7]:											**0.040**			**0.000**			**0.006**			**0.004**	

Definitions:

lbs	Pounds
MtBE	Methyl tert-butyl ether
NA	Not sampled or not analyzed
TBA	Tert-butyl alcohol
TPHg	Total petroleum hydrocarbons as gasoline
(µg/L)	micrograms per Liter
KO	Knockout

Notes:

Physical Properties:
Density of gasoline = 6.1 pounds per gallon
Density of diesel = 7.18 pounds per gallon
Density of motor oil = 7.62 pounds per gallon
Density of benzene = 7.4 pounds per gallon
Density of MtBE = 6.18 pounds per gallon
Density of TBA = 6.8 pounds per gallon

Equations:

[1] $$\text{Removal Rate}\left(\frac{\text{lbs}}{\text{day}}\right)=\frac{\text{Period Net Removed (lbs)}\cdot 24\left(\frac{\text{hour}}{\text{day}}\right)}{(\text{Hour Meter Reading}_{1}-\text{Hour Meter Reading}_{0})}$$

[2] $$\text{Period Net Removed (lbs)}=(\text{Concentrat ion})\left(\frac{\mu g}{L}\right)\cdot 3.785\left(\frac{L}{\text{gallon}}\right)\cdot 2.205\times 10^{-9}\left(\frac{\text{lbs}}{\mu g}\right)\cdot \text{Period Extracted (gallons)}$$

[3] $$\text{Cumulative Removed (lbs)}=(\text{Period Net Removed})(\text{lbs})+\text{Cumulative Removed (lbs)}$$

[4] $$\text{Period Pounds Removed (lbs)}=\sum \text{Period Net Removed (lbs)}$$

[5] $$\text{Period Gallons Removed (gallons)}=\frac{\text{Period Pounds Removed (lbs)}}{\text{Density of Constituen t}\left(\frac{\text{lbs}}{\text{gallon}}\right)}$$

[6] $$\text{Total Pounds Removed (lbs)}=\text{Cumulative Adsorbed (lbs)}$$

[7] $$\text{Total Gallons Removed (gallons)}=\frac{\text{Total Pounds Removed (lbs)}}{\text{Density of Constituen t}\left(\frac{\text{lbs}}{\text{gallon}}\right)}$$

·In order to show best estimate, recovery calculations assume one-half of the laboratory reporting limit when an analyte is reported as non-detect.

ATTACHMENT 1
TRC'S *QUARTERLY MONITORING REPORT OCTOBER THROUGH DECEMBER 2006*

Quarterly Status and Remediation Summary Report – Fourth Quarter 2006
Former 76 Service Station No. 7004
15599 Hesperian Boulevard
San Leandro, California
SECOR Project No.: 77CP.01631.00.0304
March 15, 2007

TRC

November 14, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS KOSEL

SITE: FORMER 76 STATION 7004
15599 HESPERIAN BOULEVARD
SAN LEANDRO, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2006

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for Former 76 Station 7004, located at 15599 Hesperian Boulevard, San Leandro, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Mr. Diane Barclay, SECOR International, Inc. (2 copies)

Enclosures
20-0400/7004R012.QMS

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

TRC

QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2006

FORMER 76 STATION 7004
15599 Hesperian Boulevard
San Leandro, California

Prepared For:

Mr. Thomas Kosel
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:

Senior Project Geologist, Irvine Operations
November 7, 2006

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time MTBE Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 10/18/06 Groundwater Sampling Field Notes – 10/18/06
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2006 through December 2006
Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, CA

Project Coordinator: **Thomas Kosel** Water Sampling Contractor: ***TRC***
Telephone: **916-558-7666** Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **10/18/06, 10/24/06**

Sample Points

Groundwater wells: **11** onsite, **0** offsite Wells gauged: **8** Wells sampled: **11**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **13.07 feet** Maximum: **14.59 feet**
Average groundwater elevation (relative to available local datum): **23.46 feet**
Average change in groundwater elevation since previous event: **-0.77 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.03 ft/ft, north**
Previous event: **0.01 ft/ft, northwest (08/25/06)**

Selected Laboratory Results

Wells with detected **Benzene:** **0** Wells above MCL (1.0 µg/l): **n/a**
Maximum reported benzene concentration: **n/a**

Wells with **TPH-G by GC/MS** **0**
Wells with **MTBE** **5** Maximum: **8.3 µg/l (MW-7)**

Notes:

MW-3=Sampled by SECOR, MW-5=Sampled by SECOR, RW-1=Sampled by SECOR,

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
ug/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 7004 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables
Site: Former 76 Station 7004

Current Event

Table 1	Well/ Date	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
Table 1a	Well/ Date	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME						

Historic Data

Table 2	Well/ Date	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
Table 2a	Well/ Date	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Lead (total)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen			

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

October 18, 2006

Former 76 Station 7004

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)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1		**(Screen Interval in feet: 10.0-25.0)**												
10/18/06	36.39	13.70	0.00	22.69	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-2		**(Screen Interval in feet: 10.0-25.0)**												
10/18/06	37.07	14.27	0.00	22.80	-1.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-3		**(Screen Interval in feet: 10.0-25.0)**												
10/24/06	36.79	--	--	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	Sampled by SECOR
MW-4		**(Screen Interval in feet: 10.0-26.0)**												
10/18/06	35.44	13.07	0.00	22.37	0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.2	
MW-5		**(Screen Interval in feet: 10.0-26.0)**												
10/24/06	36.81	--	--	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.7	Sampled by SECOR
MW-6		**(Screen Interval in feet: 10.0-26.0)**												
10/18/06	37.13	14.59	0.00	22.54	-2.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-7		**(Screen Interval in feet: 20-25)**												
10/18/06	37.39	13.18	0.00	24.21	0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8.3	
MW-8		**(Screen Interval in feet: 20-25)**												
10/18/06	38.91	14.27	0.00	24.64	-1.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-9		**(Screen Interval in feet: 20-25)**												
10/18/06	38.39	14.07	0.00	24.32	-0.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8.2	
MW-10		**(Screen Interval in feet: 20-25)**												
10/18/06	38.12	14.00	0.00	24.12	-1.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.2	
RW-1		**(Screen Interval in feet: 12.5-27.5)**												
10/24/06	--	--	--	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	Sampled by SECOR

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	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)
MW-1							
10/18/06	ND<10	ND<250	--	--	--	--	--
MW-2							
10/18/06	ND<10	ND<250	--	--	--	--	--
MW-3							
10/24/06	ND<10	ND<250	--	--	--	--	--
MW-4							
10/18/06	ND<10	ND<250	--	--	--	--	--
MW-5							
10/24/06	ND<10	ND<250	--	--	--	--	--
MW-6							
10/18/06	ND<10	ND<250	--	--	--	--	--
MW-7							
10/18/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-8							
10/18/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-9							
10/18/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-10							
10/18/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
RW-1							
10/24/06	ND<10	ND<250	--	--	--	--	--

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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: 10.0-25.0)**													
05/04/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/23/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/14/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/14/92	--	--	--	--	--	76	--	ND	ND	ND	ND	--	--	
07/09/92	--	--	--	--	--	70	--	ND	ND	ND	ND	130	--	
10/28/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
01/21/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	42	--	
04/20/93	36.89	14.89	0.00	22.00	--	--	--	--	--	--	--	56	--	
07/22/93	36.89	14.34	0.00	22.55	0.55	ND	--	ND	ND	ND	ND	77	--	
10/06/93	36.39	14.87	0.00	21.52	-1.03	--	--	--	--	--	--	--	--	
01/11/94	36.39	15.14	0.00	21.25	-0.27	ND	--	ND	ND	ND	ND	--	--	
04/06/94	36.39	14.19	0.00	22.20	0.95	--	--	--	--	--	--	--	--	
07/08/94	36.39	14.66	0.00	21.73	-0.47	ND	--	ND	ND	ND	ND	--	--	
10/06/94	36.39	16.71	0.00	19.68	-2.05	--	--	--	--	--	--	--	--	
01/05/95	36.39	14.68	0.00	21.71	2.03	ND	--	ND	ND	ND	ND	--	--	
04/05/95	36.39	11.76	0.00	24.63	2.92	--	--	--	--	--	--	--	--	
07/14/95	36.39	12.93	0.00	23.46	-1.17	ND	--	0.65	2.2	ND	2.3	--	--	
10/12/95	36.39	14.29	0.00	22.10	-1.36	--	--	--	--	--	--	--	--	
01/08/96	36.39	14.18	0.00	22.21	0.11	ND	--	ND	ND	ND	ND	--	--	
07/08/96	36.39	12.74	0.00	23.65	1.44	ND	--	ND	ND	ND	ND	ND	--	
01/03/97	36.39	12.89	0.00	23.50	-0.15	87	--	ND	ND	ND	ND	ND	--	
07/02/97	36.39	13.66	0.00	22.73	-0.77	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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														
01/15/98	36.39	13.08	0.00	23.31	0.58	ND	--	ND	ND	ND	ND	ND	--	
07/08/98	36.39	11.25	0.00	25.14	1.83	ND	--	ND	ND	ND	ND	ND	--	
01/11/99	36.39	13.68	0.00	22.71	-2.43	51	--	ND	ND	ND	ND	4.8	--	
07/07/99	36.39	12.15	0.00	24.24	1.53	ND	--	ND	ND	ND	ND	ND	--	
01/04/00	36.39	13.95	0.00	22.44	-1.80	ND	--	ND	ND	ND	ND	ND	--	
07/15/00	36.39	13.46	0.00	22.93	0.49	ND	--	ND	0.86	ND	ND	ND	--	
01/19/01	36.39	12.96	0.00	23.43	0.50	ND	--	ND	ND	ND	ND	ND	--	
07/31/01	36.39	14.36	0.00	22.03	-1.40	ND	--	ND	ND	ND	ND	ND	--	
01/28/02	36.39	12.89	0.00	23.50	1.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/22/02	36.39	12.86	0.00	23.53	0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/24/02	36.39	13.16	0.00	23.23	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<0.50	
06/21/02	36.39	13.52	0.00	22.87	-0.36	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1	--	0.59	
07/29/02	36.39	13.76	0.00	22.63	-0.24	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
08/29/02	36.39	14.10	0.00	22.29	-0.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
09/14/02	36.39	14.18	0.00	22.21	-0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/25/02	36.39	14.63	0.00	21.76	-0.45	--	ND<50	0.91	ND<0.50	ND<0.50	ND<1	--	ND<2	
11/27/02	36.39	14.34	0.00	22.05	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
12/19/02	36.39	13.60	0.00	22.79	0.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
01/24/03	36.39	12.03	0.00	24.36	1.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
02/15/03	36.39	12.42	0.00	23.97	-0.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
03/17/03	36.39	12.54	0.00	23.85	-0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
04/18/03	36.39	12.43	0.00	23.96	0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
05/19/03	36.39	12.38	0.00	24.01	0.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
06/16/03	36.39	13.02	0.00	23.37	-0.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1 continued														
07/18/03	36.39	13.66	0.00	22.73	-0.64	--	56	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/01/03	36.39	14.47	0.00	21.92	-0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/30/04	36.39	13.14	0.00	23.25	1.33	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
04/26/04	36.39	12.68	0.00	23.71	0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/28/04	36.39	13.79	0.00	22.60	-1.11	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
10/19/04	36.39	14.04	0.00	22.35	-0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/05/05	36.39	13.11	0.00	23.28	0.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/14/05	36.39	11.58	0.00	24.81	1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/29/05	36.39	13.22	0.00	23.17	-1.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/02/05	36.39	13.74	0.00	22.65	-0.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/21/06	36.39	11.39	0.00	25.00	2.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/25/06	36.39	10.70	0.00	25.69	0.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/25/06	36.39	13.29	0.00	23.10	-2.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.8	
10/18/06	36.39	13.70	0.00	22.69	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-2	**(Screen Interval in feet: 10.0-25.0)**													
05/04/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/23/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/14/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/14/92	--	--	--	--	--	45	--	ND	ND	ND	ND	--	--	
07/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	49	--	
10/28/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
01/21/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	17	--	
04/20/93	37.35	15.20	0.00	22.15	--	--	--	--	--	--	--	80	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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-2 continued														
07/22/93	37.35	14.75	0.00	22.60	0.45	62	--	ND	ND	ND	ND	42	--	
10/06/93	37.07	15.49	0.00	21.58	-1.02	--	--	--	--	--	--	--	--	
01/11/94	37.07	15.77	0.00	21.30	-0.28	120	--	ND	ND	ND	ND	--	--	
04/06/94	37.07	14.83	0.00	22.24	0.94	--	--	--	--	--	--	--	--	
07/08/94	37.07	15.28	0.00	21.79	-0.45	140	--	ND	ND	ND	ND	--	--	
10/06/94	37.07	16.32	0.00	20.75	-1.04	--	--	--	--	--	--	--	--	
01/05/95	37.07	15.30	0.00	21.77	1.02	310	--	ND	ND	ND	ND	--	--	
04/05/95	37.07	12.12	0.00	24.95	3.18	--	--	--	--	--	--	--	--	
07/14/95	37.07	13.55	0.00	23.52	-1.43	86	--	ND	ND	ND	ND	--	--	
10/12/95	37.07	14.88	0.00	22.19	-1.33	--	--	--	--	--	--	--	--	
01/08/96	37.07	14.81	0.00	22.26	0.07	91	--	ND	ND	ND	ND	--	--	
07/08/96	37.07	13.37	0.00	23.70	1.44	100	--	ND	ND	ND	ND	ND	--	
01/03/97	37.07	13.14	0.00	23.93	0.23	160	--	ND	ND	ND	ND	ND	--	
07/02/97	37.07	14.26	0.00	22.81	-1.12	91	--	ND	ND	ND	ND	ND	--	
01/15/98	37.07	13.31	0.00	23.76	0.95	ND	--	ND	ND	ND	ND	ND	--	
07/08/98	37.07	11.57	0.00	25.50	1.74	ND	--	ND	ND	ND	ND	ND	--	
01/11/99	37.07	14.26	0.00	22.81	-2.69	ND	--	ND	ND	ND	ND	9.8	--	
07/07/99	37.07	12.24	0.00	24.83	2.02	ND	--	ND	ND	ND	ND	9.4	--	
01/04/00	37.07	14.14	0.00	22.93	-1.90	ND	--	ND	0.518	ND	ND	9.07	--	
07/15/00	37.07	13.75	0.00	23.32	0.39	ND	--	ND	0.51	ND	ND	6.0	--	
01/19/01	37.07	13.37	0.00	23.70	0.38	ND	--	ND	ND	ND	ND	6.84	--	
07/31/01	37.07	14.96	0.00	22.11	-1.59	ND	--	ND	ND	ND	ND	ND	--	
01/28/02	37.07	13.51	0.00	23.56	1.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/22/02	37.07	13.48	0.00	23.59	0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-2 continued														
05/24/02	37.07	13.78	0.00	23.29	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<0.50	
06/21/02	37.07	14.11	0.00	22.96	-0.33	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<0.50	
07/29/02	37.07	14.36	0.00	22.71	-0.25	--	60	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
08/29/02	37.07	14.71	0.00	22.36	-0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
09/14/02	37.07	14.81	0.00	22.26	-0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/25/02	37.07	15.23	0.00	21.84	-0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
11/27/02	37.07	14.95	0.00	22.12	0.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
12/19/02	37.07	14.10	0.00	22.97	0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
01/24/03	37.07	12.64	0.00	24.43	1.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
02/15/03	37.07	13.06	0.00	24.01	-0.42	--	64	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
03/17/03	37.07	13.18	0.00	23.89	-0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
04/18/03	37.07	13.06	0.00	24.01	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
05/19/03	37.07	13.07	0.00	24.00	-0.01	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
06/16/03	37.07	13.72	0.00	23.35	-0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
07/18/03	37.07	14.35	0.00	22.72	-0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/01/03	37.07	15.10	0.00	21.97	-0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/30/04	37.07	13.78	0.00	23.29	1.32	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
04/26/04	37.07	13.31	0.00	23.76	0.47	--	53	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/28/04	37.07	14.39	0.00	22.68	-1.08	--	63	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
10/19/04	37.07	14.99	0.00	22.08	-0.60	--	56	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/05/05	37.07	13.70	0.00	23.37	1.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/14/05	37.07	12.21	0.00	24.86	1.49	--	96	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/29/05	37.07	13.83	0.00	23.24	-1.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/02/05	37.07	14.17	0.00	22.90	-0.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-2 continued														
03/21/06	37.07	12.04	0.00	25.03	2.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/25/06	37.07	11.35	0.00	25.72	0.69	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/25/06	37.07	12.35	0.00	24.72	-1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8.8	
10/18/06	37.07	14.27	0.00	22.80	-1.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-3	**(Screen Interval in feet: 10.0-25.0)**													
05/04/91	--	--	--	--	--	34000	--	6100	32	1200	6100	--	--	
07/23/91	--	--	--	--	--	17000	--	5500	26	1800	2800	--	--	
10/14/91	--	--	--	--	--	25000	--	6300	78	2000	1400	--	--	
01/14/92	--	--	--	--	--	13000	--	6600	19	2600	1800	--	--	
04/14/92	--	--	--	--	--	16000	--	3400	19	1400	1300	--	--	
07/09/92	--	--	--	--	--	13000	--	3200	12	1900	1100	--	--	
10/28/92	--	--	--	--	--	15000	--	4400	15	2400	800	--	--	
01/21/93	--	--	--	--	--	12000	--	2800	11	1600	590	--	--	
04/20/93	37.22	15.13	0.00	22.09	--	18000	--	3700	11	2300	1300	410	--	
07/22/93	37.22	13.52	0.00	23.70	1.61	16000	--	4500	17	3600	1900	440	--	
10/06/93	36.79	15.41	0.00	21.38	-2.32	24000	--	4100	ND	3600	2000	ND	--	
01/11/94	36.79	15.66	0.00	21.13	-0.25	19000	--	3300	31	3300	890	--	--	
04/06/94	36.79	14.72	0.00	22.07	0.94	24000	--	3100	ND	3300	820	--	--	
07/08/94	36.79	15.20	0.00	21.59	-0.48	18000	--	2200	25	2500	860	--	--	
10/06/94	36.79	16.23	0.00	20.56	-1.03	20000	--	2100	26	3000	900	--	--	
01/05/95	36.79	15.12	0.00	21.67	1.11	20000	--	2100	ND	3200	3800	--	--	
04/05/95	36.79	12.03	0.00	24.76	3.09	18000	--	2100	ND	3700	690	--	--	
07/14/95	36.79	13.46	0.00	23.33	-1.43	21000	--	1600	ND	3900	1500	--	--	
10/12/95	36.79	14.81	0.00	21.98	-1.35	17000	--	1000	ND	3600	1000	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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														
01/08/96	36.79	14.70	0.00	22.09	0.11	14000	--	760	ND	3100	380	--	--	
07/08/96	36.79	13.29	0.00	23.50	1.41	16000	--	470	45	4400	1000	340	--	
01/03/97	36.79	13.09	0.00	23.70	0.20	14000	--	160	ND	2100	120	620	--	
07/02/97	36.79	13.96	0.00	22.83	-0.87	23000	--	110	ND	3600	1600	1200	--	
01/15/98	36.79	13.26	0.00	23.53	0.70	12000	--	33	ND	2800	120	1100	--	
07/08/98	36.79	11.64	0.00	25.15	1.62	20000	--	76	ND	4100	1400	750	--	
01/11/99	36.79	14.17	0.00	22.62	-2.53	23000	--	ND	ND	4100	460	920	--	
07/07/99	36.79	13.18	0.00	23.61	0.99	15000	--	35	ND	3400	470	1700	--	
01/04/00	36.79	14.27	0.00	22.52	-1.09	15500	--	ND	ND	3330	191	827	--	
07/15/00	36.79	13.91	0.00	22.88	0.36	15000	--	ND	ND	3400	420	3300	--	
08/25/00	36.79	14.24	0.00	22.55	-0.33	--	--	--	--	--	--	1920	--	
01/19/01	36.79	13.42	0.00	23.37	0.82	11100	--	38.4	ND	1760	38.8	ND	--	
07/31/01	36.79	14.90	0.00	21.89	-1.48	13000	--	ND	ND	1600	63	ND	--	
01/28/02	36.79	13.41	0.00	23.38	1.49	82	--	ND<0.50	ND<0.50	10	ND<0.50	ND<2.5	--	
04/22/02	36.79	13.41	0.00	23.38	0.00	7300	--	39	ND<25	970	ND<25	ND<120	--	
05/24/02	36.79	13.69	0.00	23.10	-0.28	--	8500	ND<5	ND<5	1200	ND<10	--	12	
06/21/02	36.79	14.04	0.00	22.75	-0.35	--	11000	ND<5	ND<5	690	ND<10	--	17	
07/29/02	36.79	14.28	0.00	22.51	-0.24	--	6800	ND<5	ND<5	1100	ND<10	--	ND<20	
08/29/02	36.79	14.62	0.00	22.17	-0.34	--	7200	ND<25	ND<25	1200	ND<50	--	ND<100	
09/14/02	36.79	14.72	0.00	22.07	-0.10	--	180	ND<0.50	ND<0.50	20	ND<1	--	ND<2	
10/25/02	36.79	15.13	0.00	21.66	-0.41	--	1000	ND<0.50	ND<0.50	110	ND<1	--	ND<2	
11/27/02	36.79	14.85	0.00	21.94	0.28	--	7600	ND<10	ND<10	1200	ND<20	--	ND<40	
12/19/02	36.79	13.83	0.00	22.96	1.02	--	6400	ND<10	ND<10	810	ND<20	--	ND<40	
01/24/03	36.79	12.52	0.00	24.27	1.31	--	6600	ND<25	ND<25	930	ND<50	--	ND<100	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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														
02/15/03	36.79	12.96	0.00	23.83	-0.44	--	8400	ND<10	ND<10	970	ND<20	--	ND<40	
03/17/03	36.79	13.08	0.00	23.71	-0.12	--	7900	ND<5	ND<5	1100	ND<10	--	ND<20	
04/18/03	36.79	12.95	0.00	23.84	0.13	--	6700	ND<5	ND<5	1100	ND<10	--	ND<20	
05/19/03	36.79	13.10	0.00	23.69	-0.15	--	8700	ND<5	ND<5	1100	ND<10	--	ND<20	
06/16/03	36.79	13.75	0.00	23.04	-0.65	--	7700	ND<10	ND<10	1000	ND<20	--	ND<40	
07/18/03	36.79	14.43	0.00	22.36	-0.68	--	11000	ND<10	ND<10	1800	1300	--	ND<40	
10/01/03	36.79	15.12	0.00	21.67	-0.69	--	9000	ND<10	ND<10	820	ND<20	--	ND<10	
01/30/04	36.79	13.70	0.00	23.09	1.42	--	7800	ND<5.0	ND<5.0	670	ND<10	--	ND<20	
04/26/04	36.79	13.23	0.00	23.56	0.47	--	9800	ND<5.0	ND<5.0	470	ND<10	--	ND<5.0	
07/28/04	36.79	14.35	0.00	22.44	-1.12	--	10000	ND<5.0	ND<5.0	450	ND<10	--	ND<5.0	
10/19/04	36.79	14.90	0.00	21.89	-0.55	--	5700	3.2	ND<2.5	210	ND<5.0	--	ND<2.5	
01/05/05	36.79	13.44	0.00	23.35	1.46	--	4600	0.96	0.73	42	1.4	--	ND<2.5	
06/14/05	36.79	12.09	0.00	24.70	1.35	--	8400	ND<5.0	ND<5.0	180	ND<10	--	ND<5.0	
09/29/05	36.79	13.78	0.00	23.01	-1.69	--	670	ND<5.0	ND<5.0	22	ND<10	--	ND<5.0	
12/02/05	36.79	14.21	0.00	22.58	-0.43	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/21/06	36.79	12.29	0.00	24.50	1.92	--	4400	1.1	1.5	86	4.6	--	ND<0.50	
05/25/06	36.79	11.24	0.00	25.55	1.05	--	3200	0.53	1.3	59	ND<1.0	--	ND<0.50	
08/25/06	36.79	--	--	--	--	--	2900	0.75	1.2	57	ND<0.50	--	0.90	Port sample
10/24/06	36.79	--	--	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	Sampled by SECOR
MW-4	**(Screen Interval in feet: 10.0-26.0)**													
07/23/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/14/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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														
07/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/28/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
01/21/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/20/93	35.81	13.84	0.00	21.97	--	--	--	--	--	--	--	65	--	
07/22/93	35.81	13.52	0.00	22.29	0.32	ND	--	ND	ND	ND	ND	54	--	
10/06/93	35.44	14.17	0.00	21.27	-1.02	--	--	--	--	--	--	--	--	
01/11/94	35.44	14.42	0.00	21.02	-0.25	ND	--	ND	ND	ND	ND	--	--	
04/06/94	35.44	13.44	0.00	22.00	0.98	--	--	--	--	--	--	--	--	
07/08/94	35.44	13.96	0.00	21.48	-0.52	ND	--	ND	ND	ND	ND	--	--	
10/06/94	35.44	15.00	0.00	20.44	-1.04	--	--	--	--	--	--	--	--	
01/05/95	35.44	13.83	0.00	21.61	1.17	ND	--	ND	ND	ND	ND	--	--	
04/05/95	35.44	11.05	0.00	24.39	2.78	--	--	--	--	--	--	--	--	
07/14/95	35.44	12.23	0.00	23.21	-1.18	ND	--	ND	ND	ND	ND	--	--	
10/12/95	35.44	13.59	0.00	21.85	-1.36	--	--	--	--	--	--	--	--	
01/08/96	35.44	13.43	0.00	22.01	0.16	ND	--	ND	ND	ND	ND	--	--	
07/08/96	35.44	12.04	0.00	23.40	1.39	ND	--	ND	ND	ND	ND	ND	--	
01/03/97	35.44	12.38	0.00	23.06	-0.34	80	--	ND	ND	ND	ND	ND	--	
07/02/97	35.44	13.00	0.00	22.44	-0.62	ND	--	ND	ND	ND	ND	25	--	
01/15/98	35.44	12.50	0.00	22.94	0.50	ND	--	ND	ND	ND	ND	ND	--	
07/08/98	35.44	10.53	0.00	24.91	1.97	ND	--	ND	ND	ND	ND	25	--	
01/11/99	35.44	12.95	0.00	22.49	-2.42	ND	--	ND	ND	ND	ND	23	--	
07/07/99	35.44	11.76	0.00	23.68	1.19	ND	--	ND	ND	ND	ND	15	--	
01/04/00	35.44	13.17	0.00	22.27	-1.41	ND	--	ND	ND	ND	ND	13.2	--	
07/15/00	35.44	13.04	0.00	22.40	0.13	ND	--	ND	ND	ND	ND	11	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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														
01/19/01	35.44	12.65	0.00	22.79	0.39	ND	--	ND	ND	ND	ND	9.97	--	
07/31/01	35.44	13.69	0.00	21.75	-1.04	ND	--	ND	ND	ND	ND	6.0	--	
01/28/02	35.44	12.17	0.00	23.27	1.52	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	13	--	
04/22/02	35.44	12.18	0.00	23.26	-0.01	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.7	--	
05/24/02	35.44	12.45	0.00	22.99	-0.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	2.9	
06/21/02	35.44	12.48	0.00	22.96	-0.03	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1	--	3.6	
07/29/02	35.44	13.08	0.00	22.36	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	5.7	
08/29/02	35.44	13.39	0.00	22.05	-0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	8.5	
09/14/02	35.44	13.49	0.00	21.95	-0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	4.8	
10/25/02	35.44	13.93	0.00	21.51	-0.44	--	ND<50	0.82	ND<0.50	ND<0.50	ND<1	--	7.1	
11/27/02	35.44	13.62	0.00	21.82	0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	7.3	
12/19/02	35.44	12.56	0.00	22.88	1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	8.1	
01/24/03	35.44	11.26	0.00	24.18	1.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	8.4	
02/15/03	35.44	11.71	0.00	23.73	-0.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	6.2	
03/17/03	35.44	11.82	0.00	23.62	-0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	7.3	
04/18/03	35.44	11.70	0.00	23.74	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	6.2	
05/19/03	35.44	11.74	0.00	23.70	-0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	3.2	
06/16/03	35.44	12.35	0.00	23.09	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	4.3	
07/18/03	35.44	13.06	0.00	22.38	-0.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/01/03	35.44	13.81	0.00	21.63	-0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.89	
01/30/04	35.44	12.42	0.00	23.02	1.39	--	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
04/26/04	35.44	11.99	0.00	23.45	0.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.0	
07/28/04	35.44	13.12	0.00	22.32	-1.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.8	
10/19/04	35.44	13.78	0.00	21.66	-0.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-4 continued														
01/05/05	35.44	12.21	0.00	23.23	1.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
06/14/05	35.44	10.99	0.00	24.45	1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.1	
09/29/05	35.44	12.57	0.00	22.87	-1.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.0	
12/02/05	35.44	13.01	0.00	22.43	-0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
03/21/06	35.44	10.82	0.00	24.62	2.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.9	
05/25/06	35.44	10.01	0.00	25.43	0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.9	
08/25/06	35.44	13.83	0.00	21.61	-3.82	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
10/18/06	35.44	13.07	0.00	22.37	0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.2	
MW-5	**(Screen Interval in feet: 10.0-26.0)**													
07/23/91	--	--	--	--	--	260	--	1.2	0.39	10	0.71	--	--	
10/14/91	--	--	--	--	--	140	--	0.72	ND	1.3	0.89	--	--	
01/14/92	--	--	--	--	--	60	--	ND	ND	ND	ND	--	--	
04/14/92	--	--	--	--	--	86	--	ND	ND	ND	ND	--	--	
07/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	71	--	
10/28/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	45	--	
01/21/93	--	--	--	--	--	100	--	ND	ND	ND	ND	160	--	
04/20/93	37.01	14.87	0.00	22.14	--	99	--	ND	ND	ND	ND	120	--	
07/22/93	37.01	14.82	0.00	22.19	0.05	59	--	ND	ND	2.6	ND	42	--	
10/06/93	36.81	15.61	0.00	21.20	-0.99	150	--	1.1	ND	3.1	0.85	57	--	
01/11/94	36.81	15.84	0.00	20.97	-0.23	160	--	ND	0.79	0.54	ND	--	--	
04/06/94	36.81	14.90	0.00	21.91	0.94	260	--	1.4	ND	0.88	ND	--	--	
07/08/94	36.81	15.38	0.00	21.43	-0.48	200	--	ND	ND	ND	ND	--	--	
10/06/94	36.81	16.42	0.00	20.39	-1.04	350	--	1.3	ND	ND	ND	--	--	
01/05/95	36.81	15.20	0.00	21.61	1.22	85	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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														
04/05/95	36.81	11.72	0.00	25.09	3.48	ND	--	ND	ND	ND	ND	--	--	
07/14/95	36.81	13.69	0.00	23.12	-1.97	180	--	1.3	ND	7.9	ND	--	--	
10/12/95	36.81	15.02	0.00	21.79	-1.33	310	--	ND	ND	31	1.2	--	--	
01/08/96	36.81	14.85	0.00	21.96	0.17	ND	--	0.55	ND	ND	0.58	--	--	
07/08/96	36.81	13.52	0.00	23.29	1.33	140	--	2.1	1.4	5.6	0.51	110	--	
07/12/96	36.81	14.50	0.00	22.31	-0.98	--	--	--	--	--	--	--	--	
01/03/97	36.81	12.85	0.00	23.96	1.65	12000	--	150	ND	2100	120	660	--	
07/02/97	36.81	13.79	0.00	23.02	-0.94	ND	--	ND	ND	ND	ND	72	--	
01/15/98	36.81	13.03	0.00	23.78	0.76	69	--	ND	ND	ND	ND	--	--	
07/08/98	36.81	12.05	0.00	24.76	0.98	ND	--	0.74	ND	ND	ND	95	--	
01/11/99	36.81	14.41	0.00	22.40	-2.36	ND	--	1.0	ND	ND	ND	170	--	
07/07/99	36.81	12.38	0.00	24.43	2.03	130	--	0.64	ND	ND	ND	330	--	
01/04/00	36.81	14.33	0.00	22.48	-1.95	ND	--	ND	ND	ND	ND	183	--	
07/15/00	36.81	13.88	0.00	22.93	0.45	ND	--	0.68	ND	ND	ND	350	--	
01/19/01	36.81	13.41	0.00	23.40	0.47	ND	--	ND	ND	ND	ND	195	--	
07/31/01	36.81	15.12	0.00	21.69	-1.71	ND	--	ND	ND	ND	ND	190	--	
01/28/02	36.81	13.59	0.00	23.22	1.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	97	--	
04/22/02	36.81	13.61	0.00	23.20	-0.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	160	--	
05/24/02	36.81	13.89	0.00	22.92	-0.28	--	89	ND<0.50	ND<0.50	ND<0.50	ND<1	--	180	
06/21/02	36.81	14.22	0.00	22.59	-0.33	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1	--	85	
07/29/02	36.81	14.48	0.00	22.33	-0.26	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1	--	76	
08/29/02	36.81	14.80	0.00	22.01	-0.32	--	ND<500	ND<5	ND<5	ND<5	ND<10	--	380	
09/14/02	36.81	14.91	0.00	21.90	-0.11	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1	--	91	
10/25/02	36.81	15.32	0.00	21.49	-0.41	--	ND<200	ND<2	ND<2	ND<2	ND<4.0	--	270	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-5 continued														
11/27/02	36.81	15.03	0.00	21.78	0.29	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	--	330	
12/19/02	36.81	13.75	0.00	23.06	1.28	--	290	ND<2.5	ND<2.5	ND<2.5	ND<5	--	320	
01/24/03	36.81	12.68	0.00	24.13	1.07	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	--	200	
02/15/03	36.81	13.15	0.00	23.66	-0.47	--	82	ND<0.50	ND<0.50	ND<0.50	ND<1	--	180	
03/17/03	36.81	13.26	0.00	23.55	-0.11	--	400	ND<2.5	ND<2.5	ND<2.5	ND<5	--	510	
04/18/03	36.81	13.14	0.00	23.67	0.12	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1	--	170	
05/19/03	36.81	13.45	0.00	23.36	-0.31	--	ND<500	ND<5	ND<5	ND<5	ND<10	--	1000	
06/16/03	36.81	14.07	0.00	22.74	-0.62	--	ND<500	ND<5	ND<5	ND<5	ND<10	--	730	
07/18/03	36.81	14.71	0.00	22.10	-0.64	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	--	260	
10/01/03	36.81	15.36	0.00	21.45	-0.65	--	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	100	
01/30/04	36.81	14.05	0.00	22.76	1.31	--	460	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	210	
04/26/04	36.81	13.60	0.00	23.21	0.45	--	260	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
07/28/04	36.81	14.53	0.00	22.28	-0.93	--	140	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	130	
10/19/04	36.81	15.13	0.00	21.68	-0.60	--	120	0.53	ND<0.50	ND<0.50	ND<1.0	--	76	
01/05/05	36.81	13.48	0.00	23.33	1.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	89	
06/14/05	36.81	12.31	0.00	24.50	1.17	--	230	0.70	ND<0.50	ND<0.50	ND<1.0	--	110	
09/29/05	36.81	13.96	0.00	22.85	-1.65	--	270	0.56	ND<0.50	ND<0.50	ND<1.0	--	55	
12/02/05	36.81	14.37	0.00	22.44	-0.41	--	50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.4	
03/21/06	36.81	12.20	0.00	24.61	2.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	
05/25/06	36.81	12.07	0.00	24.74	0.13	--	1100	1.5	ND<0.50	3.5	ND<1.0	--	72	
08/25/06	36.81	13.20	0.00	23.61	-1.13	--	790	1.2	ND<0.50	5.0	ND<0.50	--	31	
10/24/06	36.81	--	--	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.7	Sampled by SECOR
MW-6	**(Screen Interval in feet: 10.0-26.0)**													
07/23/91	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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														
10/14/91	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
01/14/92	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
04/14/92	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
07/09/92	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
10/28/92	--	--	0.00	--	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
01/21/93	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
04/20/93	37.55	15.27	0.00	22.28	--	--	--	--	--	--	--	ND	--	
07/22/93	37.55	15.20	0.00	22.35	0.07	ND	--	ND	ND	ND	ND	ND	--	
10/06/93	37.13	15.75	0.00	21.38	-0.97	--	--	--	--	--	--	--	--	
01/11/94	37.13	16.02	0.00	21.11	-0.27	ND	--	ND	ND	ND	ND	--	--	
04/06/94	37.13	15.07	0.00	22.06	0.95	--	--	--	--	--	--	--	--	
07/08/94	37.13	15.55	0.00	21.58	-0.48	ND	--	ND	ND	ND	ND	--	--	
10/06/94	37.13	16.58	0.00	20.55	-1.03	--	--	--	--	--	--	--	--	
01/05/95	37.13	15.42	0.00	21.71	1.16	ND	--	ND	ND	ND	ND	--	--	
04/05/95	37.13	12.14	0.00	24.99	3.28	--	--	--	--	--	--	--	--	
07/14/95	37.13	13.87	0.00	23.26	-1.73	ND	--	ND	ND	ND	ND	--	--	
10/12/95	37.13	15.17	0.00	21.96	-1.30	--	--	--	--	--	--	--	--	
01/08/96	37.13	15.05	0.00	22.08	0.12	ND	--	ND	ND	ND	ND	--	--	
07/08/96	37.13	13.71	0.00	23.42	1.34	ND	--	ND	ND	ND	ND	ND	--	
01/03/97	37.13	13.12	0.00	24.01	0.59	97	--	ND	ND	ND	ND	ND	--	
07/02/97	37.13	14.57	0.00	22.56	-1.45	ND	--	ND	ND	ND	ND	ND	--	
01/15/98	37.13	13.30	0.00	23.83	1.27	ND	--	ND	ND	ND	ND	ND	--	
07/08/98	37.13	12.33	0.00	24.80	0.97	ND	--	ND	ND	ND	ND	ND	--	
01/11/99	37.13	14.60	0.00	22.53	-2.27	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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														
07/07/99	37.13	13.23	0.00	23.90	1.37	ND	--	ND	ND	ND	ND	ND	--	
01/04/00	37.13	14.41	0.00	22.72	-1.18	ND	--	ND	ND	ND	ND	ND	--	
07/15/00	37.13	14.05	0.00	23.08	0.36	ND	--	ND	ND	ND	ND	ND	--	
01/19/01	37.13	13.58	0.00	23.55	0.47	ND	--	ND	ND	ND	ND	ND	--	
07/31/01	37.13	15.24	0.00	21.89	-1.66	ND	--	ND	ND	ND	ND	ND	--	
01/28/02	37.13	13.80	0.00	23.33	1.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/22/02	37.13	13.22	0.00	23.91	0.58	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/24/02	37.13	14.07	0.00	23.06	-0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<0.50	
06/21/02	37.13	14.38	0.00	22.75	-0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<0.50	
07/29/02	37.13	14.64	0.00	22.49	-0.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
08/29/02	37.13	14.97	0.00	22.16	-0.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
09/14/02	37.13	15.04	0.00	22.09	-0.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/25/02	37.13	15.46	0.00	21.67	-0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
11/27/02	37.13	15.17	0.00	21.96	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
12/19/02	37.13	13.88	0.00	23.25	1.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
01/24/03	37.13	12.91	0.00	24.22	0.97	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
02/15/03	37.13	13.38	0.00	23.75	-0.47	--	ND<50	ND<0.50	ND<0.50	0.98	3.6	--	ND<2	
03/17/03	37.13	13.49	0.00	23.64	-0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
04/18/03	37.13	13.33	0.00	23.80	0.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
05/19/03	37.13	13.73	0.00	23.40	-0.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
06/16/03	37.13	14.41	0.00	22.72	-0.68	--	97	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
07/18/03	37.13	15.01	0.00	22.12	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/01/03	37.13	15.58	0.00	21.55	-0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/30/04	37.13	14.05	0.00	23.08	1.53	--	ND<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

May 1991 Through October 2006

Former 76 Station 7004

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														
04/26/04	37.13	13.64	0.00	23.49	0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/28/04	37.13	14.68	0.00	22.45	-1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
10/19/04	37.13	15.21	0.00	21.92	-0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
01/05/05	37.13	13.68	0.00	23.45	1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/14/05	37.13	12.52	0.00	24.61	1.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/29/05	37.13	14.12	0.00	23.01	-1.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/02/05	37.13	14.04	0.00	23.09	0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/21/06	37.13	12.42	0.00	24.71	1.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/25/06	37.13	11.71	0.00	25.42	0.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/25/06	37.13	12.32	0.00	24.81	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.1	
10/18/06	37.13	14.59	0.00	22.54	-2.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-7	**(Screen Interval in feet: 20-25)**													
05/25/06	37.39	11.01	0.00	26.38	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	17	
08/25/06	37.39	13.53	0.00	23.86	-2.52	--	95	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
10/18/06	37.39	13.18	0.00	24.21	0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8.3	
MW-8	**(Screen Interval in feet: 20-25)**													
05/25/06	38.91	11.31	0.00	27.60	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/25/06	38.91	13.25	0.00	25.66	-1.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	11	
10/18/06	38.91	14.27	0.00	24.64	-1.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-9	**(Screen Interval in feet: 20-25)**													
05/25/06	38.39	11.02	0.00	27.37	--	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	10	
08/25/06	38.39	13.51	0.00	24.88	-2.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
10/18/06	38.39	14.07	0.00	24.32	-0.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8.2	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-10	**(Screen Interval in feet: 20-25)**													
05/25/06	38.12	11.09	0.00	27.03	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.9	
08/25/06	38.12	12.93	0.00	25.19	-1.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
10/18/06	38.12	14.00	0.00	24.12	-1.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2.2	
RW-1	**(Screen Interval in feet: 12.5-27.5)**													
07/08/98	--	11.72	0.00	--	--	80	--	1.7	ND	ND	ND	1300	--	
01/11/99	--	14.05	0.00	--	--	ND	--	3.0	ND	ND	ND	1200	--	
07/07/99	--	13.05	0.00	--	--	ND	--	ND	ND	ND	ND	590	--	
01/04/00	--	14.26	0.00	--	--	ND	--	ND	ND	ND	ND	270	--	
07/15/00	--	13.77	0.00	--	--	ND	--	0.55	ND	ND	ND	460	--	
01/19/01	--	13.29	0.00	--	--	ND	--	ND	ND	ND	ND	338	--	
07/31/01	--	14.72	0.00	--	--	ND	--	ND	ND	ND	ND	1900	--	
01/28/02	--	13.21	0.00	--	--	72	--	0.98	ND<0.50	ND<0.50	ND<0.50	460	--	
04/22/02	--	13.22	0.00	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	290	--	
05/24/02	--	13.51	0.00	--	--	--	1200	ND<1	ND<1	30	ND<2	--	300	
06/21/02	--	13.85	0.00	--	--	--	400	ND<0.50	ND<0.50	ND<0.50	ND<1	--	130	
07/29/02	--	14.11	0.00	--	--	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1	--	91	
08/29/02	--	14.43	0.00	--	--	--	2400	ND<2	ND<2	47	ND<4.0	--	210	
09/14/02	--	14.54	0.00	--	--	--	390	ND<0.50	ND<0.50	ND<0.50	ND<1	--	120	
10/25/02	--	14.95	0.00	--	--	--	2700	0.96	1.1	51	ND<1	--	160	
11/27/02	--	14.66	0.00	--	--	--	1800	0.91	0.82	31	ND<1	--	170	
12/19/02	--	13.60	0.00	--	--	--	2900	ND<5	ND<5	50	ND<10	--	200	
01/24/03	--	12.31	0.00	--	--	--	1800	0.88	0.69	29	ND<1	--	140	
02/15/03	--	12.88	0.00	--	--	--	480	ND<0.50	ND<0.50	6.8	ND<1	--	88	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through October 2006

Former 76 Station 7004

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
RW-1 continued														
03/17/03	--	12.88	0.00	--	--	--	ND<50	0.62	ND<0.50	21	ND<1	--	86	
04/18/03	--	12.76	0.00	--	--	--	1600	0.76	0.92	34	ND<1	--	62	
05/19/03	--	12.91	0.00	--	--	--	1200	0.60	ND<0.50	15	ND<1.5	--	76	
06/16/03	--	13.55	0.00	--	--	--	760	0.60	0.64	4.1	ND<1	--	100	
07/18/03	--	14.33	0.00	--	--	--	620	0.61	1.8	3.6	ND<1	--	60	
10/01/03	--	14.90	0.00	--	--	--	490	0.56	ND<0.50	1.7	ND<1.0	--	15	
01/30/04	--	13.46	0.00	--	--	--	1400	ND<2.5	ND<2.5	8.6	ND<5.0	--	38	
04/26/04	--	13.03	0.00	--	--	--	1100	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	30	
07/28/04	--	14.15	0.00	--	--	--	1200	ND<2.5	ND<2.5	15	ND<5.0	--	24	
10/19/04	--	14.34	0.00	--	--	--	680	0.99	ND<0.50	16	ND<1.0	--	15	
01/05/05	--	13.23	0.00	--	--	--	160	ND<0.50	ND<0.50	2.2	ND<1.0	--	2.5	
06/14/05	--	11.91	0.00	--	--	--	1300	0.61	ND<0.50	14	ND<1.0	--	10	
09/29/05	--	13.58	0.00	--	--	--	1000	0.53	ND<0.50	16	ND<1.0	--	4.7	
12/02/05	--	14.02	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	
03/21/06	--	12.74	0.00	--	--	--	440	ND<0.50	ND<0.50	4.2	ND<1.0	--	6.8	
05/25/06	--	11.05	0.00	--	--	--	930	ND<0.50	ND<0.50	3.7	ND<1.0	--	7.6	
08/25/06	--	--	--	--	--	--	56	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.9	Port sample
10/24/06	--	--	--	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	Sampled by SECOR

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Lead (total	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)
MW-1										
07/02/97	--	--	--	--	--	--	--	--	--	3.82
06/16/03	--	ND<500	--	--	--	--	--	--	--	--
07/18/03	--	ND<500	--	--	--	--	--	--	--	--
10/01/03	--	ND<50	--	--	--	--	--	--	--	--
01/30/04	--	ND<500	--	--	--	--	--	--	--	--
04/26/04	--	ND<50	--	--	--	--	--	--	--	--
07/28/04	--	ND<50	--	--	--	--	--	--	--	--
10/19/04	--	ND<50	--	--	--	--	--	--	--	--
01/05/05	--	ND<50	--	--	--	--	--	--	--	--
06/14/05	--	ND<50	--	--	--	--	--	--	--	--
09/29/05	--	ND<250	--	--	--	--	--	--	--	--
12/02/05	--	ND<250	--	--	--	--	--	ND<50	--	--
03/21/06	--	ND<250	--	--	--	--	--	--	--	--
05/25/06	--	ND<250	--	--	--	--	--	--	--	--
08/25/06	ND<10	ND<250	--	--	--	--	--	--	--	--
10/18/06	ND<10	ND<250	--	--	--	--	--	--	--	--
MW-2										
06/16/03	--	ND<500	--	--	--	--	--	--	--	--
07/18/03	--	ND<500	--	--	--	--	--	--	--	--
10/01/03	--	ND<50	--	--	--	--	--	--	--	--
01/30/04	--	ND<500	--	--	--	--	--	--	--	--
04/26/04	--	ND<50	--	--	--	--	--	--	--	--
07/28/04	--	ND<50	--	--	--	--	--	--	--	--
10/19/04	--	ND<50	--	--	--	--	--	--	--	--
01/05/05	--	ND<50	--	--	--	--	--	--	--	--
06/14/05	--	ND<50	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Lead (total	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)
MW-2 continued										
09/29/05	--	ND<250	--	--	--	--	--	--	--	--
12/02/05	--	ND<250	--	--	--	--	--	ND<50	--	--
03/21/06	--	ND<250	--	--	--	--	--	--	--	--
05/25/06	--	ND<250	--	--	--	--	--	--	--	--
08/25/06	ND<10	ND<250	--	--	--	--	--	--	--	--
10/18/06	ND<10	ND<250	--	--	--	--	--	--	--	--
MW-3										
08/25/00	ND	--	ND	ND	ND	ND	ND	--	--	--
06/16/03	--	ND<10000	--	--	--	--	--	--	--	--
07/18/03	--	ND<10000	--	--	--	--	--	--	--	--
10/01/03	--	ND<50	--	--	--	--	--	--	--	--
01/30/04	--	ND<5000	--	--	--	--	--	--	--	--
04/26/04	--	ND<500	--	--	--	--	--	--	--	--
07/28/04	--	ND<500	--	--	--	--	--	--	--	--
10/19/04	--	ND<250	--	--	--	--	--	--	--	--
01/05/05	--	ND<250	--	--	--	--	--	--	--	--
06/14/05	--	ND<500	--	--	--	--	--	--	--	--
09/29/05	--	ND<2500	--	--	--	--	--	--	--	--
12/02/05	--	ND<250	--	--	--	--	--	ND<50	--	--
03/21/06	--	ND<250	--	--	--	--	--	--	--	--
05/25/06	--	ND<250	--	--	--	--	--	--	--	--
08/25/06	ND<10	ND<250	--	--	--	--	--	--	--	--
10/24/06	ND<10	ND<250	--	--	--	--	--	--	--	--
MW-4										
06/16/03	--	ND<500	--	--	--	--	--	--	--	--
07/18/03	--	ND<500	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Lead (total	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)
MW-4 continued										
10/01/03	--	ND<50	--	--	--	--	--	--	--	--
01/30/04	--	ND<500	--	--	--	--	--	--	--	--
04/26/04	--	ND<50	--	--	--	--	--	--	--	--
07/28/04	--	ND<50	--	--	--	--	--	--	--	--
10/19/04	--	990	--	--	--	--	--	--	--	--
01/05/05	--	ND<50	--	--	--	--	--	--	--	--
06/14/05	--	ND<50	--	--	--	--	--	--	--	--
09/29/05	--	ND<250	--	--	--	--	--	--	--	--
12/02/05	--	ND<250	--	--	--	--	--	ND<50	--	--
03/21/06	--	ND<250	--	--	--	--	--	--	--	--
05/25/06	--	ND<250	--	--	--	--	--	--	--	--
08/25/06	ND<10	ND<250	--	--	--	--	--	--	--	--
10/18/06	ND<10	ND<250	--	--	--	--	--	--	--	--
MW-5										
07/12/96	--	--	--	--	--	--	--	--	3.67	3.44
01/03/97	--	--	--	--	--	--	--	--	4.27	4.35
07/02/97	--	--	--	--	--	--	--	--	3.97	3.82
01/15/98	--	--	--	--	--	--	--	--	4.38	4.19
07/08/98	--	--	--	--	--	--	--	--	4.60	4.67
06/16/03	--	ND<5000	--	--	--	--	--	--	--	--
07/18/03	--	ND<2500	--	--	--	--	--	--	--	--
10/01/03	--	ND<50	--	--	--	--	--	--	--	--
01/30/04	--	ND<1000	--	--	--	--	--	--	--	--
04/26/04	--	ND<100	--	--	--	--	--	--	--	--
07/28/04	--	ND<100	--	--	--	--	--	--	--	--
10/19/04	--	ND<50	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Lead (total	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)
MW-5 continued										
01/05/05	--	ND<50	--	--	--	--	--	--	--	--
06/14/05	--	ND<50	--	--	--	--	--	--	--	--
09/29/05	--	ND<250	--	--	--	--	--	--	--	--
12/02/05	--	ND<250	--	--	--	--	--	ND<50	--	--
03/21/06	--	ND<250	--	--	--	--	--	--	--	--
05/25/06	--	ND<250	--	--	--	--	--	--	--	--
08/25/06	ND<10	ND<250	--	--	--	--	--	--	--	--
10/24/06	ND<10	ND<250	--	--	--	--	--	--	--	--
MW-6										
06/16/03	--	ND<500	--	--	--	--	--	--	--	--
07/18/03	--	ND<500	--	--	--	--	--	--	--	--
10/01/03	--	ND<50	--	--	--	--	--	--	--	--
01/30/04	--	ND<500	--	--	--	--	--	--	--	--
04/26/04	--	ND<50	--	--	--	--	--	--	--	--
07/28/04	--	ND<50	--	--	--	--	--	--	--	--
10/19/04	--	ND<50	--	--	--	--	--	--	--	--
01/05/05	--	ND<50	--	--	--	--	--	--	--	--
06/14/05	--	ND<50	--	--	--	--	--	--	--	--
09/29/05	--	ND<250	--	--	--	--	--	--	--	--
12/02/05	--	ND<250	--	--	--	--	--	ND<50	--	--
03/21/06	--	ND<250	--	--	--	--	--	--	--	--
05/25/06	--	ND<250	--	--	--	--	--	--	--	--
08/25/06	ND<10	ND<250	--	--	--	--	--	--	--	--
10/18/06	ND<10	ND<250	--	--	--	--	--	--	--	--
MW-7										
05/25/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--

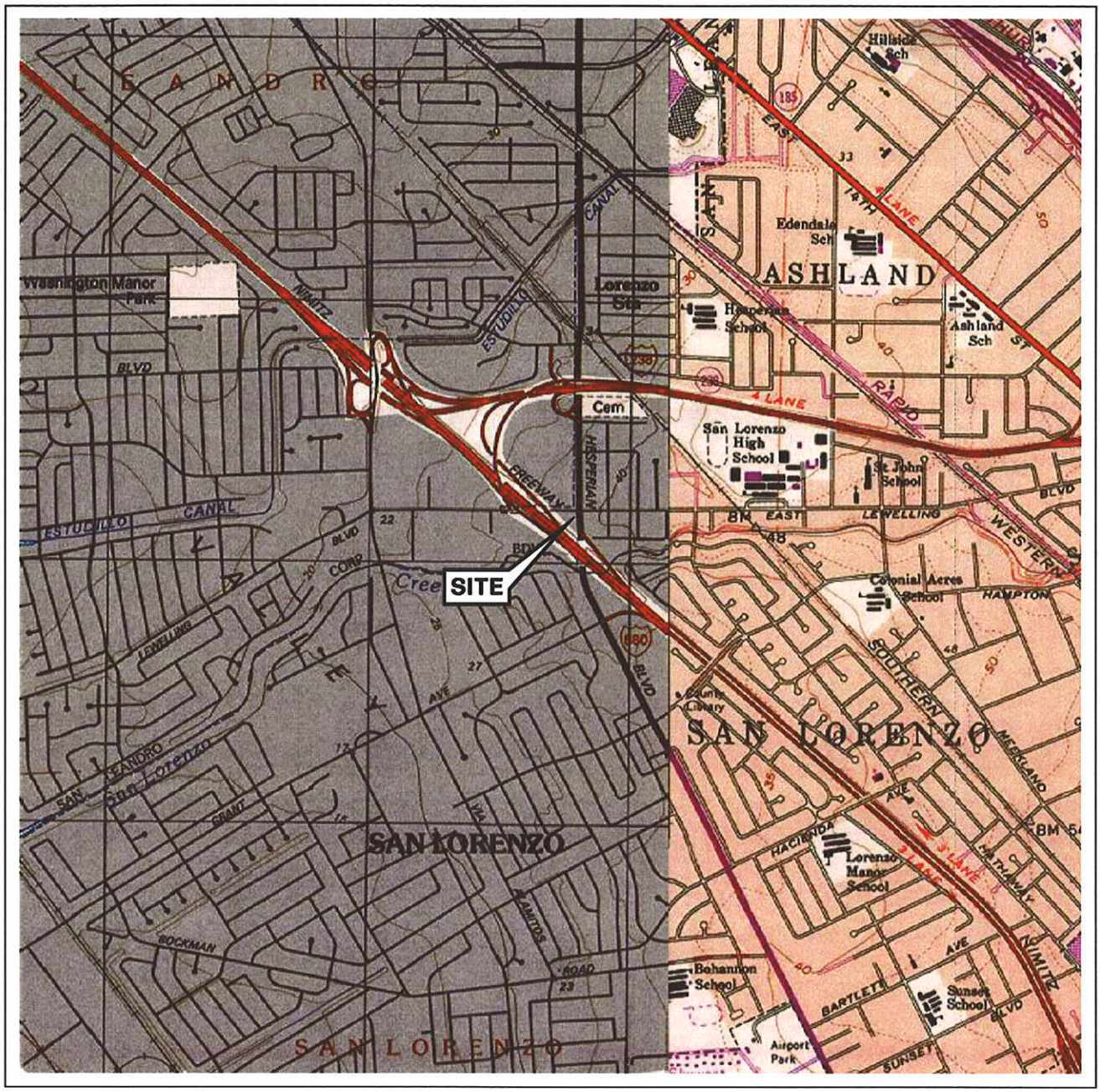
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Lead (total	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)
MW-7 continued										
08/25/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/18/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
MW-8										
05/25/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
08/25/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/18/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
MW-9										
05/25/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
08/25/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/18/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
MW-10										
05/25/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
08/25/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
10/18/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
RW-1										
05/24/02	ND<10	ND<50	ND<0.5	ND<0.5	ND<2	ND<1	ND<1	--	--	--
06/16/03	--	ND<500	--	--	--	--	--	--	--	--
07/18/03	--	ND<500	--	--	--	--	--	--	--	--
10/01/03	--	ND<50	--	--	--	--	--	--	--	--
01/30/04	--	ND<2500	--	--	--	--	--	--	--	--
04/26/04	--	ND<250	--	--	--	--	--	--	--	--
07/28/04	--	ND<250	--	--	--	--	--	--	--	--
10/19/04	--	ND<50	--	--	--	--	--	--	--	--
01/05/05	--	ND<50	--	--	--	--	--	--	--	--
06/14/05	--	ND<50	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Lead (total	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)
RW-1 continued										
09/29/05	--	ND<250	--	--	--	--	--	--	--	--
12/02/05	--	ND<250	--	--	--	--	--	ND<50	--	--
03/21/06	--	ND<250	--	--	--	--	--	--	--	--
05/25/06	--	ND<250	--	--	--	--	--	--	--	--
08/25/06	ND<10	ND<250	--	--	--	--	--	--	--	--
10/24/06	ND<10	ND<250	--	--	--	--	--	--	--	--

FIGURES



0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
San Leandro Quadrangle

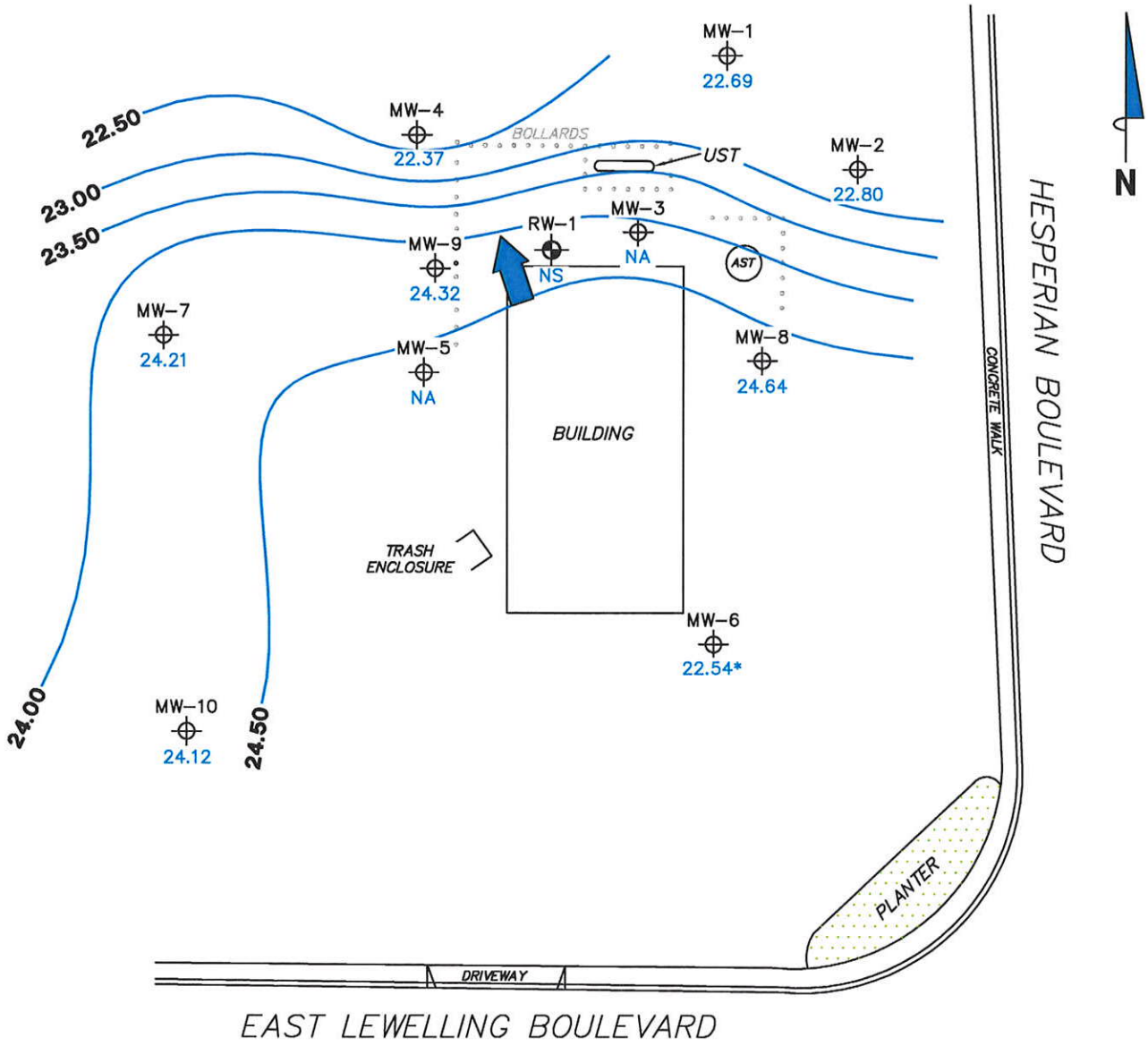
VICINITY MAP

Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

FIGURE 1

TRC

PS = 1:1 L:\VICINITY MAPS\7004vm.dwg Nov 20, 2006 - 11:24am lwinters



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NA = not analyzed, measured, or collected. NS = not surveyed. AST = above ground storage tank. UST = underground storage tank. * = not included in groundwater contour interpreation.

LEGEND

- MW-6 — Monitoring Well with Groundwater Elevation (feet)
- RW-1 — Aquifer Testing Well
- 24.50 — Groundwater Elevation Contour
- General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
October 18, 2006

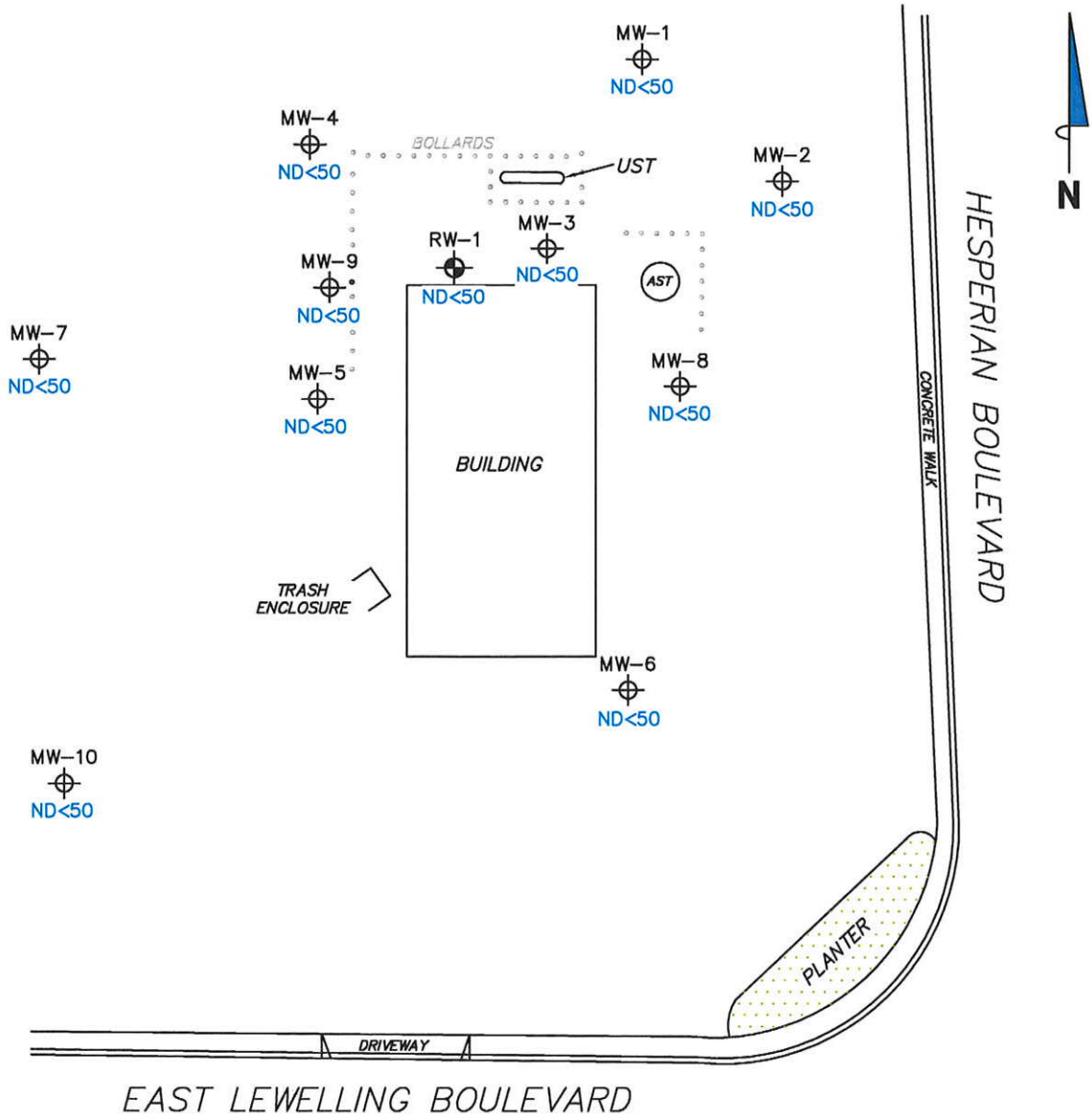
Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

SCALE (FEET)
0 50

FIGURE 2

TRC

PS=1:50 7004-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7004+\7004QMS(NEW).DWG Nov 13, 2006 - 10:02am lwinters



NOTES:

TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. AST = above ground storage tank. UST = underground storage tank.

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

RW-1 ⊕ Aquifer Testing Well

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
October 18, 2006

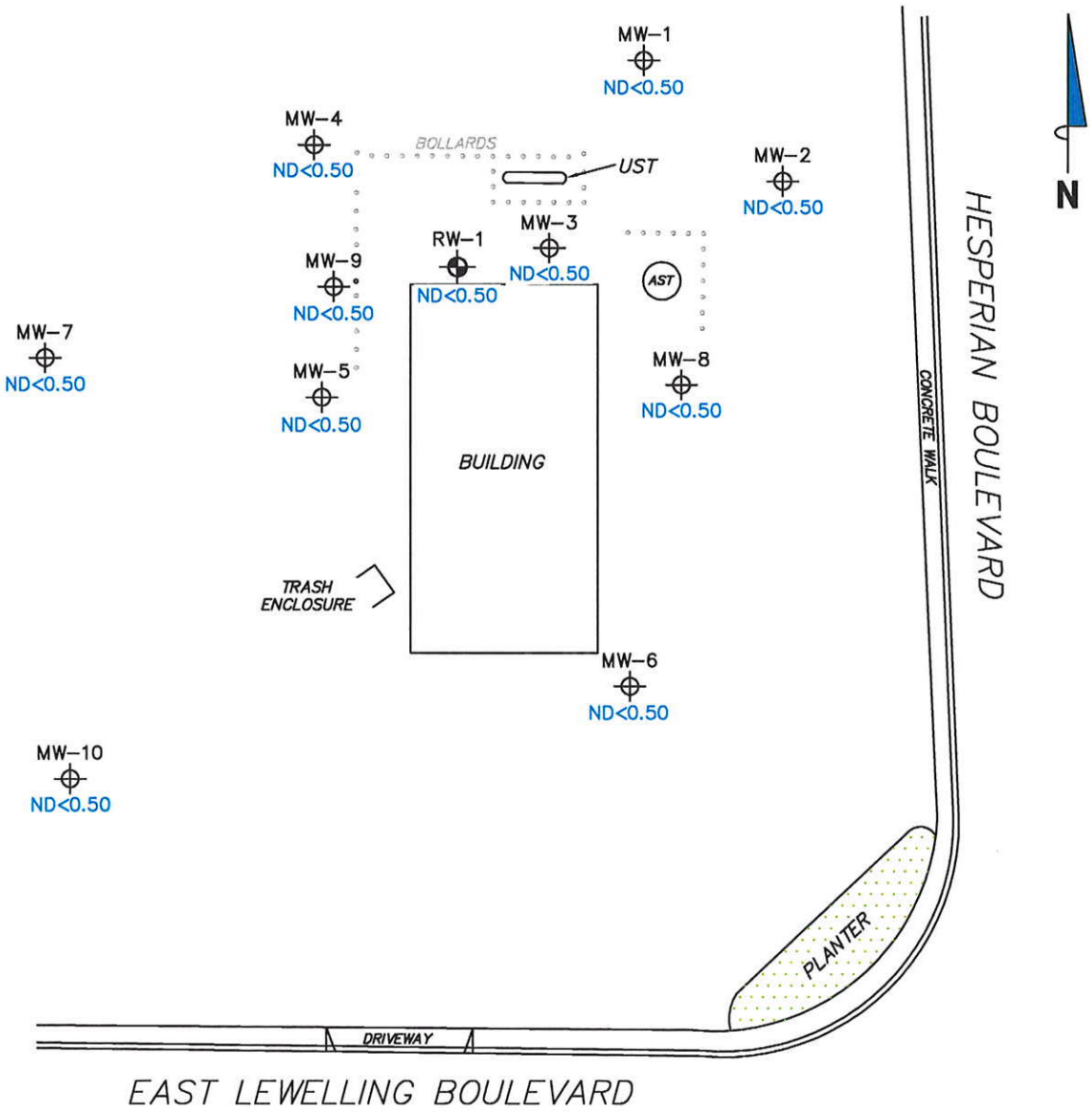
Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

SCALE (FEET)
0 50

FIGURE 3

TRC

PS=1:50 7004-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7004+\7004QMS(NEW).DWG Nov 13, 2006 - 10:05am lwinters



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. AST = above ground storage tank. UST = underground storage tank.

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

RW-1 ⊕ Aquifer Testing Well

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
October 18, 2006

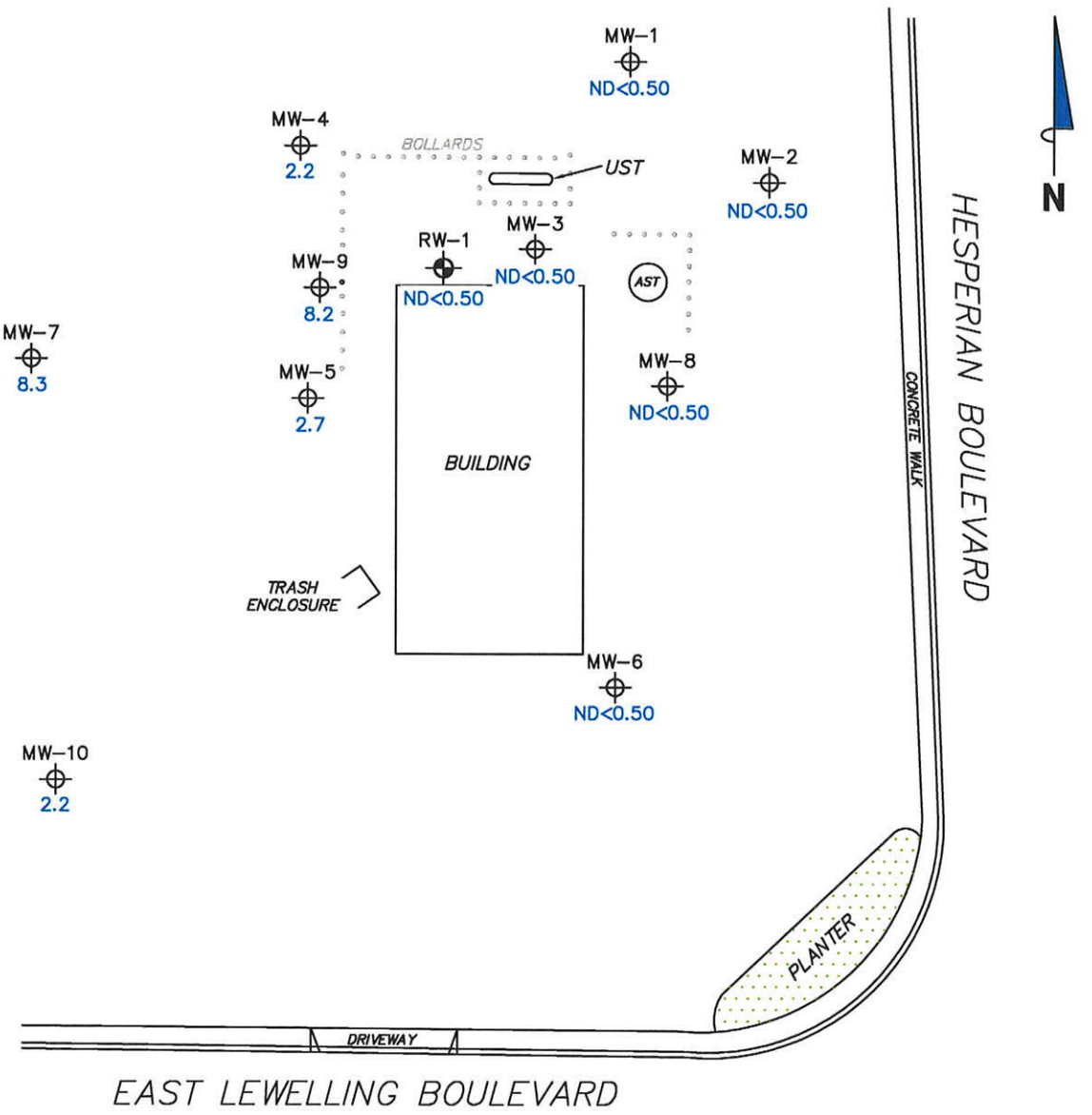
Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

TRC

SCALE (FEET)
0 50

FIGURE 4

PS=1:50 7004-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7004+\7004QMS(NEW).DWG Nov 13, 2006 - 10:06am lwinters



NOTES:

MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. AST = above ground storage tank. UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

MW-6 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

RW-1 ⊕ Aquifer Testing Well

DISSOLVED-PHASE MTBE CONCENTRATION MAP
October 18, 2006

Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

TRC

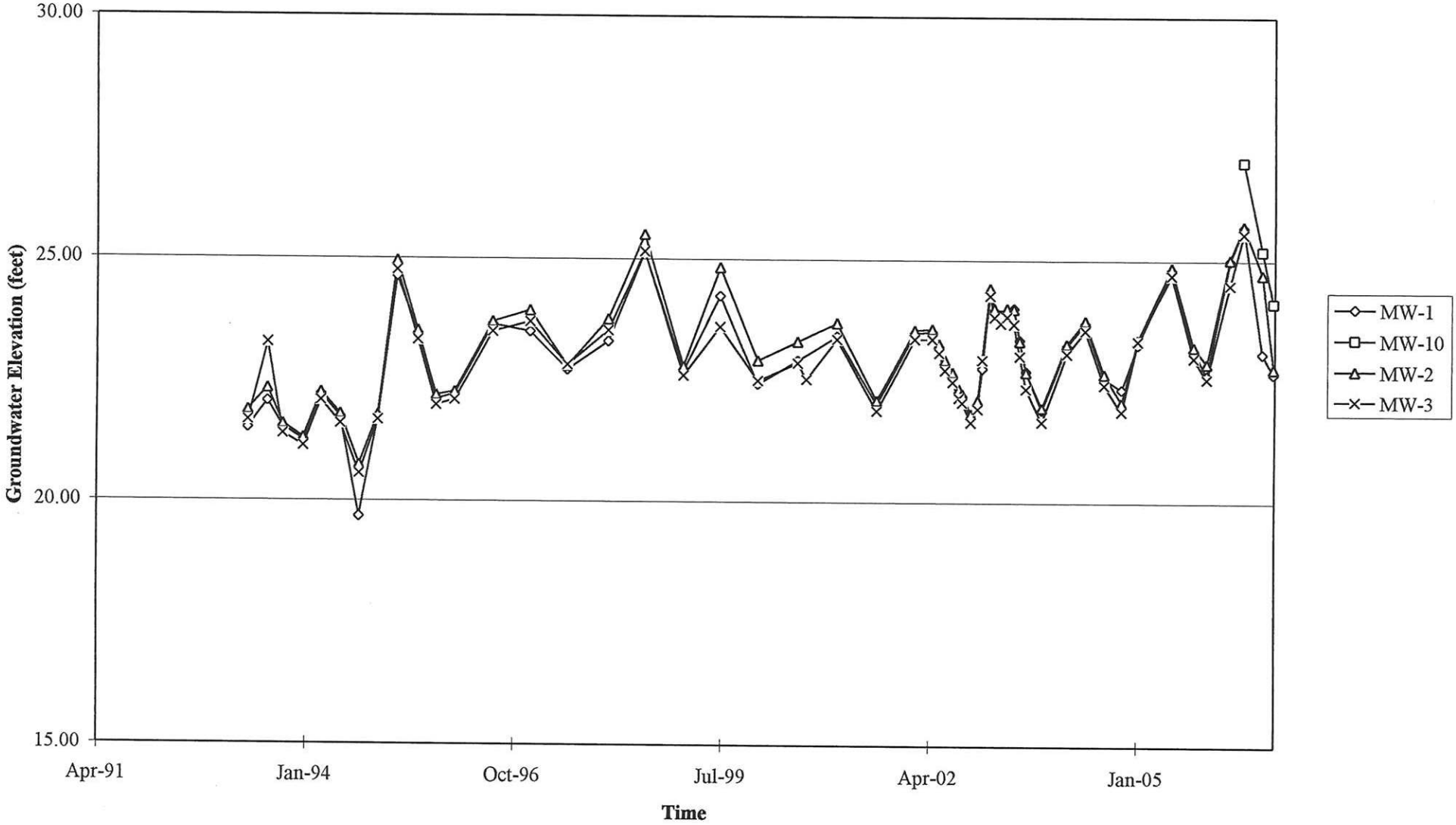
SCALE (FEET)
0 50

FIGURE 5

PS=1:50 7004-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7004+\7004QMS(NEW).DWG Nov 09, 2006 - 3:28pm lwinters

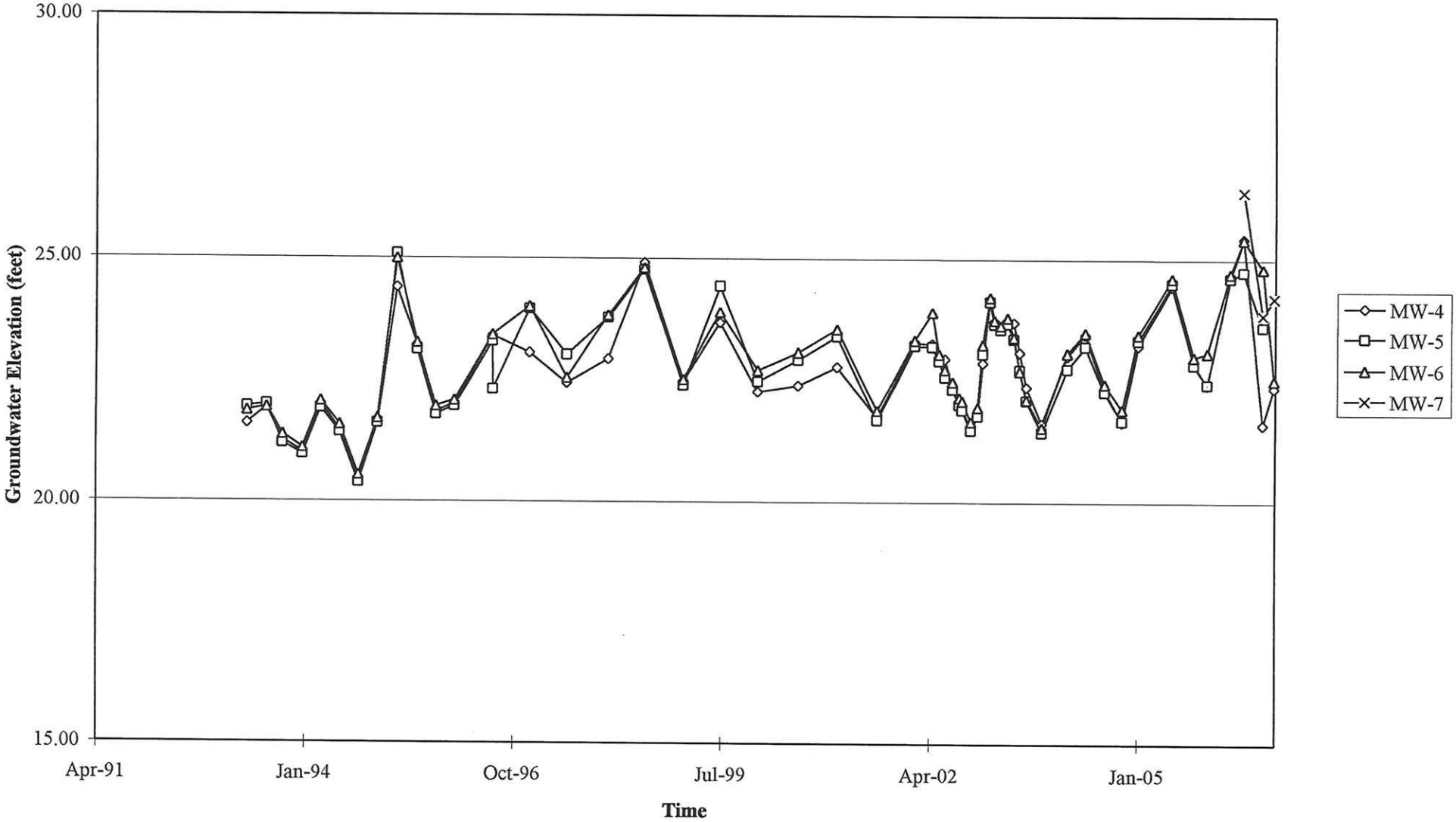
GRAPHS

Groundwater Elevations vs. Time
Former 76 Station 7004



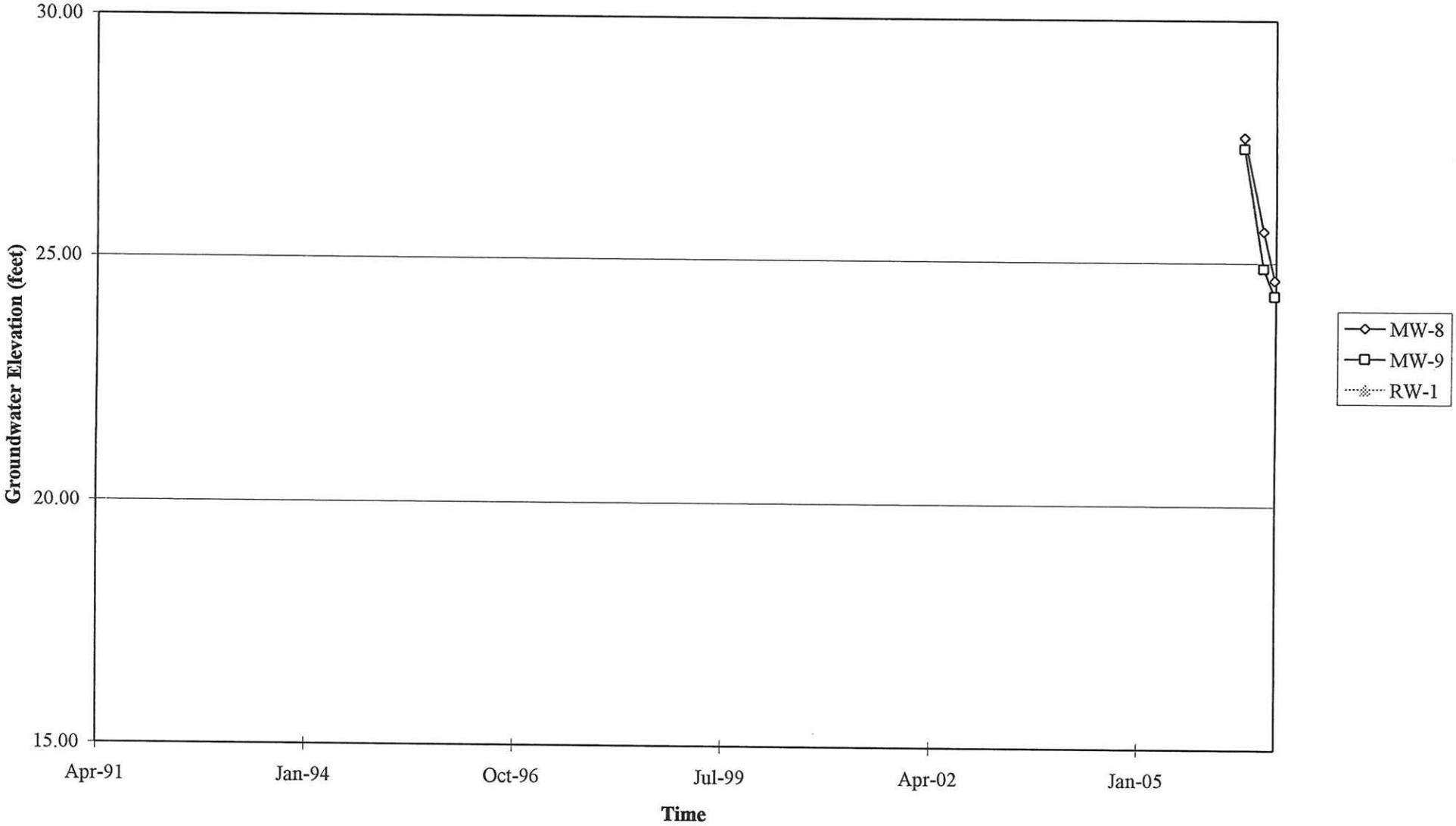
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former 76 Station 7004



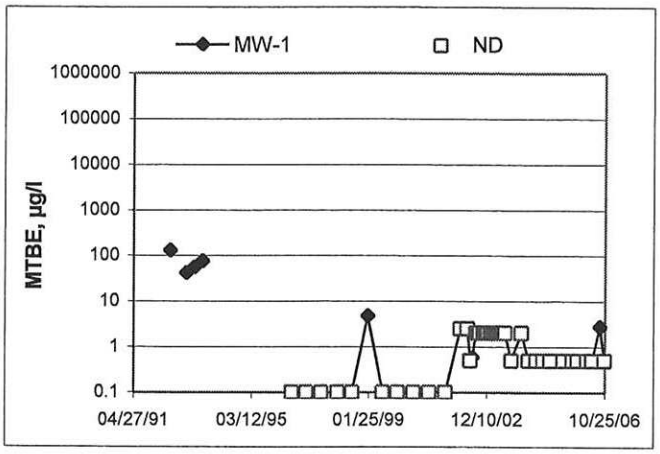
Elevations may have been corrected for apparent changes due to resurvey

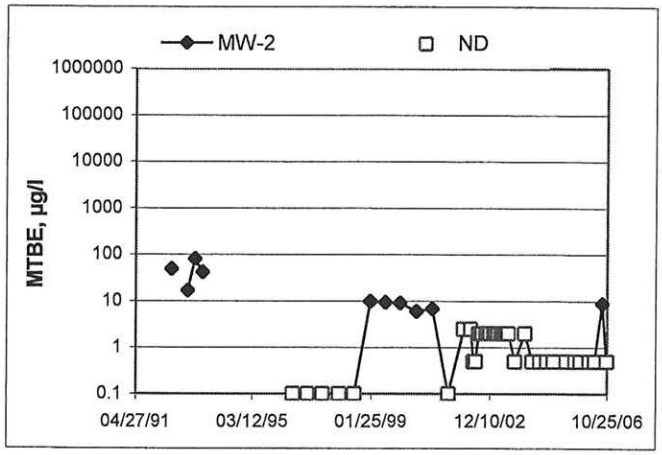
Groundwater Elevations vs. Time
Former 76 Station 7004

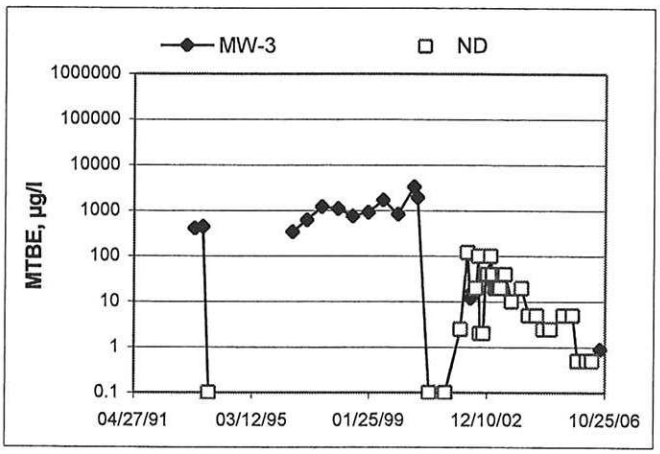


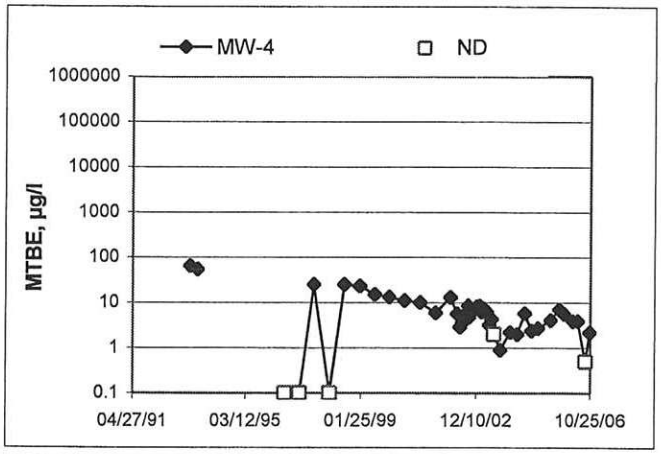
Elevations may have been corrected for apparent changes due to resurvey

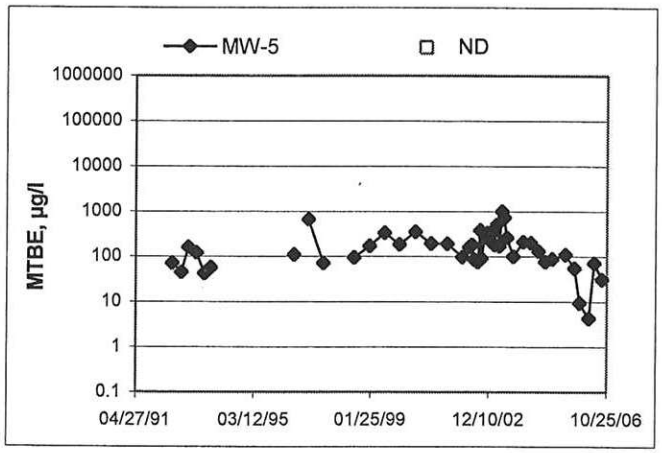
MTBE Concentrations vs Time
Former 76 Station 7004

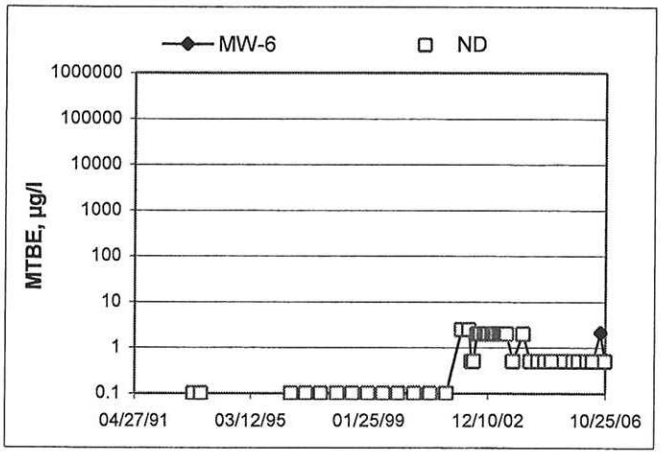


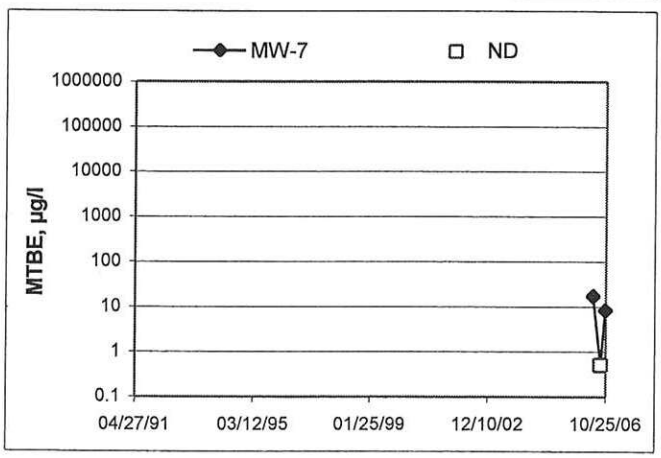


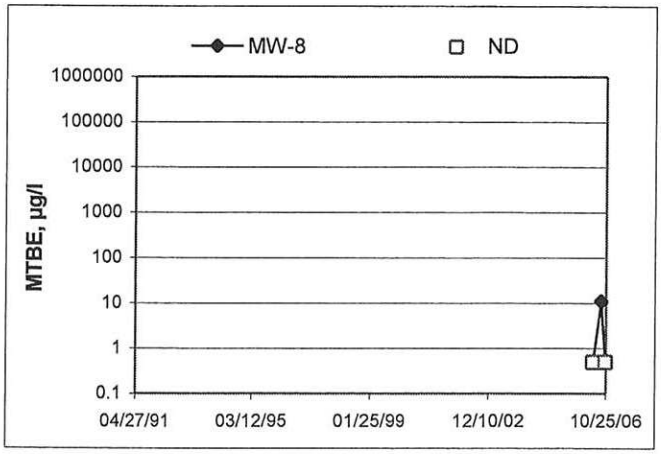




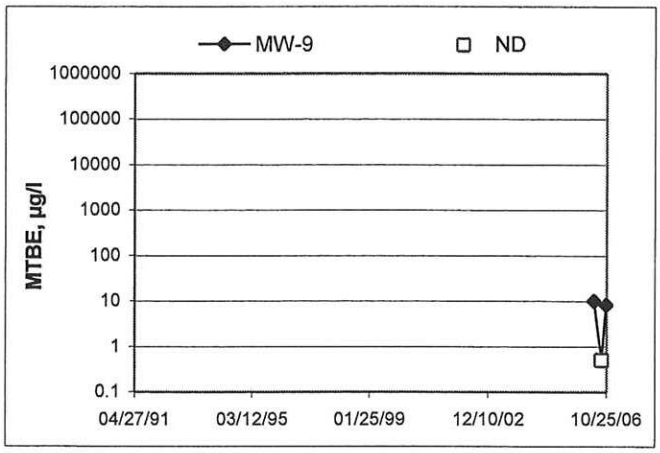


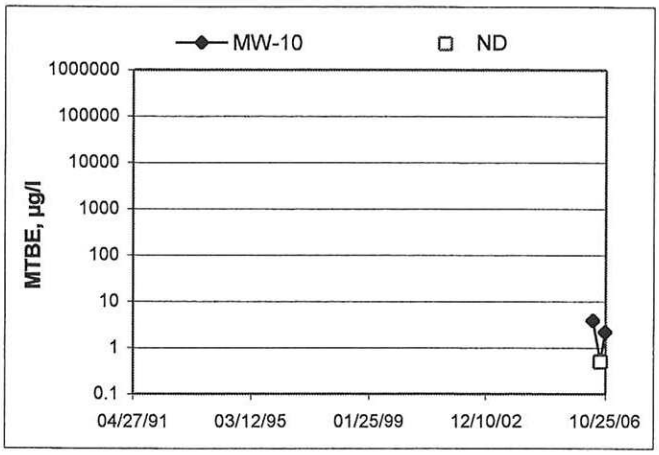


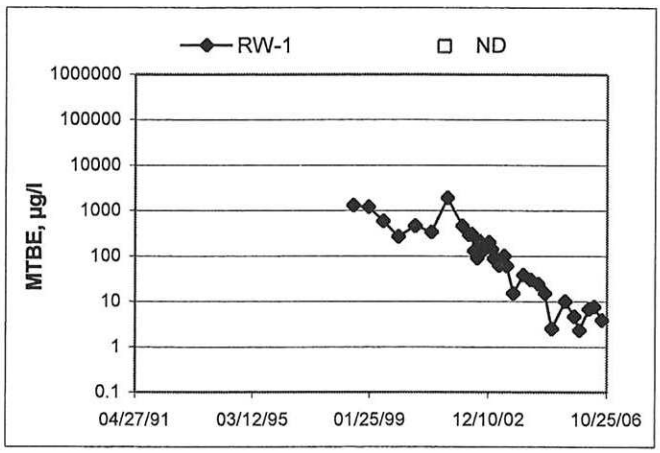




MTBE Concentrations vs Time
Former 76 Station 7004







GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: Rick R Job #/Task #: 41060001/FA20 Date: 10/18/06

Site # 7004 Project Manager A. Collins Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-10	0522	✓	25.00	14.00	—	—	0700	2"
MW-7	0528	✓	24.63	13.18	—	—	0714	2"
MW-4	0536	✓	25.60	13.07	—	—	0728	2"
MW-9	0540	✓	25.10	14.07	—	—	0741	2"
MW-6	0549	✓	25.58	14.59	—	—	0756	2"
MW-1	0558	✓	24.04	13.70	—	—	0819	2"
MW-2	0602	✓	24.32	14.27	—	—	0832	2"
MW-8	0610	✓	24.76	14.27	—	—	0850	2"
MW-5	—	—	—	—	—	—	N/S	2" NO SAMPLE PORTS
MW-3	—	—	—	—	—	—	↓	2" ↓
RW-1	—	—	—	—	—	—	↓	6"

FIELD DATA COMPLETE	QA/QC	COC	WELL BOX CONDITION SHEETS
✓	✓	✓	✓
WTT CERTIFICATE	MANIFEST	DRUM INVENTORY	TRAFFIC CONTROL
		✓	

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 7004 Project No.: 41D60001 Date: 10/18/06

Well No. MW-10 Purge Method: DIA

Depth to Water (feet): 14.00 Depth to Product (feet): —

Total Depth (feet) 25.00 LPH & Water Recovered (gallons): —

Water Column (feet): 11.00 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 16.20 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
0655			2	1248	17.9	7.06			
			4	1249	19.7	6.92			
	0658		6	1230	20.1	6.95			

Static at Time Sampled	Total Gallons Purged	Sample Time
14.08	6	0700

Comments:

Well No. MW-7 Purge Method: DIA

Depth to Water (feet): 13.18 Depth to Product (feet): —

Total Depth (feet) 24.63 LPH & Water Recovered (gallons): —

Water Column (feet): 11.45 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 15.47 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
0709			2	1308	18.7	7.02			
			4	1308	20.1	6.94			
	0711		6	1307	20.7	6.88			

Static at Time Sampled	Total Gallons Purged	Sample Time
13.25	6	0714

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 7004 Project No.: 41060001 Date: 10/18/06

Well No. MW-4 Purge Method: DIA

Depth to Water (feet): 13.07 Depth to Product (feet): —

Total Depth (feet) 29.60 LPH & Water Recovered (gallons): —

Water Column (feet): 12.53 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 15.58 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
0724			2	1183	19.2	7.09			
			4	1163	20.4	7.09			
	0726		6	1173	21.0	7.02			

Static at Time Sampled	Total Gallons Purged	Sample Time
13.23	6	0728

Comments:

Well No. MW-9 Purge Method: DIA

Depth to Water (feet): 14.07 Depth to Product (feet): —

Total Depth (feet) 25.10 LPH & Water Recovered (gallons): —

Water Column (feet): 11.03 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 16.28 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
0737			2	1310	19.1	7.11			
			4	1304	20.3	7.05			
	0739		6	1310	20.8	7.03			

Static at Time Sampled	Total Gallons Purged	Sample Time
14.16	6	0741

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 7004 Project No.: 410600001 Date: 10/18/06

Well No. MW-6 Purge Method: DIA

Depth to Water (feet): 14.59 Depth to Product (feet): —

Total Depth (feet) 25.58 LPH & Water Recovered (gallons): —

Water Column (feet): 10.99 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 16.79 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, ©)	pH	D.O.	ORP	Turbidity
0752			2	1232	18.0	7.23			
			4	1179	19.4	7.13			
	0754		6	1214	19.3	7.14			

Static at Time Sampled	Total Gallons Purged	Sample Time
15.91	6	0756

Comments:

Well No. MW-1 Purge Method: DIA

Depth to Water (feet): 13.70 Depth to Product (feet): —

Total Depth (feet) 24.04 LPH & Water Recovered (gallons): —

Water Column (feet): 10.34 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 15.77 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, ©)	pH	D.O.	ORP	Turbidity
0815			2	1154	18.8	7.06			
			4	1150	20.2	7.01			
	0817		6	1157	20.7	7.01			

Static at Time Sampled	Total Gallons Purged	Sample Time
13.88	6	0817

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 7004 Project No.: 411060001 Date: 10/18/06

Well No. MW-2 Purge Method: DIA

Depth to Water (feet): 14.27 Depth to Product (feet): —

Total Depth (feet) 24.32 LPH & Water Recovered (gallons): —

Water Column (feet): 10.05 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 16.28 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F ©)	pH	D.O.	ORP	Turbidity
0828			2	1014	18.2	7.25			
			4	997.9	20.2	7.10			
	0830		6	999.3	20.1	7.09			

Static at Time Sampled	Total Gallons Purged	Sample Time
14.86	6	0832

Comments:

Well No. MW-8 Purge Method: DIA

Depth to Water (feet): 14.27 Depth to Product (feet): —

Total Depth (feet) 24.76 LPH & Water Recovered (gallons): —

Water Column (feet): 10.49 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 16.37 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F ©)	pH	D.O.	ORP	Turbidity
0845			2	1176	18.3	7.20			
			4	1069	19.7	7.15			
	0847		6	1153	20.6	7.11			

Static at Time Sampled	Total Gallons Purged	Sample Time
14.32	6	0850

Comments:

TRC

BC LABORATORIES, INC.

Date of Report: 10/30/2006

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 7004

BC Lab Number: 0610943

Enclosed are the results of analyses for samples received by the laboratory on 10/18/06 23:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

BC LABORATORIES, INC.

TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 7004 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 10/30/06 11:15

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
0610943-01	**COC Number:** ---	**Receive Date:** 10/18/06 23:50	Delivery Work Order:	
	Project Number: 7004	**Sampling Date:** 10/18/06 07:00	Global ID: T0600101451	
	Sampling Location: MW-10	**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-10	**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Rick R. of TRCI		Cooler ID:	
0610943-02	**COC Number:** ---	**Receive Date:** 10/18/06 23:50	Delivery Work Order:	
	Project Number: 7004	**Sampling Date:** 10/18/06 07:14	Global ID: T0600101451	
	Sampling Location: MW-7	**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-7	**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Rick R. of TRCI		Cooler ID:	
0610943-03	**COC Number:** ---	**Receive Date:** 10/18/06 23:50	Delivery Work Order:	
	Project Number: 7004	**Sampling Date:** 10/18/06 07:28	Global ID: T0600101451	
	Sampling Location: MW-4	**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-4	**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Rick R. of TRCI		Cooler ID:	
0610943-04	**COC Number:** ---	**Receive Date:** 10/18/06 23:50	Delivery Work Order:	
	Project Number: 7004	**Sampling Date:** 10/18/06 07:41	Global ID: T0600101451	
	Sampling Location: MW-9	**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-9	**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Rick R. of TRCI		Cooler ID:	
0610943-05	**COC Number:** ---	**Receive Date:** 10/18/06 23:50	Delivery Work Order:	
	Project Number: 7004	**Sampling Date:** 10/18/06 07:56	Global ID: T0600101451	
	Sampling Location: MW-6	**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-6	**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Rick R. of TRCI		Cooler ID:	

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TRC Alton Geoscience	Project: 7004	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/30/06 11:15

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0610943-06	**COC Number:**	---	**Receive Date:**	10/18/06 23:50	Delivery Work Order:
	Project Number:	7004	**Sampling Date:**	10/18/06 08:19	Global ID: T0600101451
	Sampling Location:	MW-1	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-1	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Rick R. of TRCI			Cooler ID:
0610943-07	**COC Number:**	---	**Receive Date:**	10/18/06 23:50	Delivery Work Order:
	Project Number:	7004	**Sampling Date:**	10/18/06 08:32	Global ID: T0600101451
	Sampling Location:	MW-2	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-2	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Rick R. of TRCI			Cooler ID:
0610943-08	**COC Number:**	---	**Receive Date:**	10/18/06 23:50	Delivery Work Order:
	Project Number:	7004	**Sampling Date:**	10/18/06 08:50	Global ID: T0600101451
	Sampling Location:	MW-8	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-8	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Rick R. of TRCI			Cooler ID:

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/30/06 11:15

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0610943-01 | **Client Sample Name:** 7004, MW-10, MW-10, 10/18/2006 7:00:00AM, Rick R.

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	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
Methyl t-butyl ether	2.2	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517		
Toluene-d8 (Surrogate)	99.8	%	88 - 110 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517		
4-Bromofluorobenzene (Surrogate)	96.3	%	86 - 115 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 04:08	DKC	MS-V12	1	BPJ1517		

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0610943-02 | **Client Sample Name:** 7004, MW-7, MW-7, 10/18/2006 7:14:00AM, Rick R.

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	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
Methyl t-butyl ether	8.3	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	97.1	%	76 - 114 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517		
Toluene-d8 (Surrogate)	99.4	%	88 - 110 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517		
4-Bromofluorobenzene (Surrogate)	94.1	%	86 - 115 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 04:33	DKC	MS-V12	1	BPJ1517		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0610943-03 | **Client Sample Name:** 7004, MW-4, MW-4, 10/18/2006 7:28:00AM, Rick R.

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	10/26/06	10/27/06 04:59	DKC	MS-V12	1	BPJ1517	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:59	DKC	MS-V12	1	BPJ1517	ND	
Methyl t-butyl ether	2.2	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:59	DKC	MS-V12	1	BPJ1517	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:59	DKC	MS-V12	1	BPJ1517	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 04:59	DKC	MS-V12	1	BPJ1517	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	10/26/06	10/27/06 04:59	DKC	MS-V12	1	BPJ1517	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/26/06	10/27/06 04:59	DKC	MS-V12	1	BPJ1517	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/26/06	10/27/06 04:59	DKC	MS-V12	1	BPJ1517	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	95.0	%	76 - 114	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 04:59	DKC	MS-V12	1	BPJ1517		
Toluene-d8 (Surrogate)	99.5	%	88 - 110	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 04:59	DKC	MS-V12	1	BPJ1517		
4-Bromofluorobenzene (Surrogate)	93.0	%	86 - 115	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 04:59	DKC	MS-V12	1	BPJ1517		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0610943-04 | **Client Sample Name:** 7004, MW-9, MW-9, 10/18/2006 7:41:00AM, Rick R.

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	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
Methyl t-butyl ether	8.2	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	96.7	%	76 - 114	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517		
Toluene-d8 (Surrogate)	98.7	%	88 - 110	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517		
4-Bromofluorobenzene (Surrogate)	95.8	%	86 - 115	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 05:24	DKC	MS-V12	1	BPJ1517		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0610943-05 | **Client Sample Name:** 7004, MW-6, MW-6, 10/18/2006 7:56:00AM, Rick R.

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	10/26/06	10/27/06 05:50	DKC	MS-V12	1	BPJ1518	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:50	DKC	MS-V12	1	BPJ1518	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:50	DKC	MS-V12	1	BPJ1518	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:50	DKC	MS-V12	1	BPJ1518	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 05:50	DKC	MS-V12	1	BPJ1518	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	10/26/06	10/27/06 05:50	DKC	MS-V12	1	BPJ1518	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/26/06	10/27/06 05:50	DKC	MS-V12	1	BPJ1518	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/26/06	10/27/06 05:50	DKC	MS-V12	1	BPJ1518	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.7	%	76 - 114 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 05:50	DKC	MS-V12	1	BPJ1518		
Toluene-d8 (Surrogate)	98.7	%	88 - 110 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 05:50	DKC	MS-V12	1	BPJ1518		
4-Bromofluorobenzene (Surrogate)	92.9	%	86 - 115 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 05:50	DKC	MS-V12	1	BPJ1518		

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/30/06 11:15

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0610943-06 | **Client Sample Name:** 7004, MW-1, MW-1, 10/18/2006 8:19:00AM, Rick R.

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	10/26/06	10/27/06 06:15	DKC	MS-V12	1	BPJ1518	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 06:15	DKC	MS-V12	1	BPJ1518	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 06:15	DKC	MS-V12	1	BPJ1518	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 06:15	DKC	MS-V12	1	BPJ1518	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 06:15	DKC	MS-V12	1	BPJ1518	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	10/26/06	10/27/06 06:15	DKC	MS-V12	1	BPJ1518	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/26/06	10/27/06 06:15	DKC	MS-V12	1	BPJ1518	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/26/06	10/27/06 06:15	DKC	MS-V12	1	BPJ1518	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	96.7	%	76 - 114 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 06:15	DKC	MS-V12	1	BPJ1518		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 06:15	DKC	MS-V12	1	BPJ1518		
4-Bromofluorobenzene (Surrogate)	94.5	%	86 - 115 (LCL - UCL)		EPA-8260	10/26/06	10/27/06 06:15	DKC	MS-V12	1	BPJ1518		

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/30/06 11:15

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0610943-07 | **Client Sample Name:** 7004, MW-2, MW-2, 10/18/2006 8:32:00AM, Rick R.

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	10/26/06	10/27/06 06:41	DKC	MS-V12	1	BPJ1518	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 06:41	DKC	MS-V12	1	BPJ1518	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 06:41	DKC	MS-V12	1	BPJ1518	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 06:41	DKC	MS-V12	1	BPJ1518	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 06:41	DKC	MS-V12	1	BPJ1518	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	10/26/06	10/27/06 06:41	DKC	MS-V12	1	BPJ1518	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/26/06	10/27/06 06:41	DKC	MS-V12	1	BPJ1518	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/26/06	10/27/06 06:41	DKC	MS-V12	1	BPJ1518	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	98.4	%	76 - 114	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 06:41	DKC	MS-V12	1	BPJ1518		
Toluene-d8 (Surrogate)	98.7	%	88 - 110	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 06:41	DKC	MS-V12	1	BPJ1518		
4-Bromofluorobenzene (Surrogate)	94.0	%	86 - 115	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 06:41	DKC	MS-V12	1	BPJ1518		

TRC Alton Geoscience	Project: 7004	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/30/06 11:15

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0610943-08 | **Client Sample Name:** 7004, MW-8, MW-8, 10/18/2006 8:50:00AM, Rick R.

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	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518	ND	
1,2-Dichloroethane-d4 (Surrogate)	114	%	76 - 114	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518		
Toluene-d8 (Surrogate)	98.7	%	88 - 110	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115	(LCL - UCL)	EPA-8260	10/26/06	10/27/06 07:06	DKC	MS-V12	1	BPJ1518		

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Project: 7004
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Project Manager: Anju Farfan

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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	Control Limits Percent Recovery	Lab Quals
Benzene	BPJ1517	Matrix Spike	0610997-01	ND	27.150	25.000	ug/L		109		70 - 130	
		Matrix Spike Duplicate	0610997-01	ND	27.700	25.000	ug/L	1.82	111	20	70 - 130	
Toluene	BPJ1517	Matrix Spike	0610997-01	ND	24.010	25.000	ug/L		96.0		70 - 130	
		Matrix Spike Duplicate	0610997-01	ND	24.510	25.000	ug/L	2.06	98.0	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPJ1517	Matrix Spike	0610997-01	ND	9.9800	10.000	ug/L		99.8		76 - 114	
		Matrix Spike Duplicate	0610997-01	ND	9.6600	10.000	ug/L		96.6		76 - 114	
Toluene-d8 (Surrogate)	BPJ1517	Matrix Spike	0610997-01	ND	10.210	10.000	ug/L		102		88 - 110	
		Matrix Spike Duplicate	0610997-01	ND	9.9600	10.000	ug/L		99.6		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPJ1517	Matrix Spike	0610997-01	ND	9.5900	10.000	ug/L		95.9		86 - 115	
		Matrix Spike Duplicate	0610997-01	ND	9.4200	10.000	ug/L		94.2		86 - 115	
Benzene	BPJ1518	Matrix Spike	0610997-02	ND	28.300	25.000	ug/L		113		70 - 130	
		Matrix Spike Duplicate	0610997-02	ND	27.740	25.000	ug/L	1.79	111	20	70 - 130	
Toluene	BPJ1518	Matrix Spike	0610997-02	ND	25.290	25.000	ug/L		101		70 - 130	
		Matrix Spike Duplicate	0610997-02	ND	24.330	25.000	ug/L	3.73	97.3	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPJ1518	Matrix Spike	0610997-02	ND	9.3300	10.000	ug/L		93.3		76 - 114	
		Matrix Spike Duplicate	0610997-02	ND	9.8000	10.000	ug/L		98.0		76 - 114	
Toluene-d8 (Surrogate)	BPJ1518	Matrix Spike	0610997-02	ND	10.100	10.000	ug/L		101		88 - 110	
		Matrix Spike Duplicate	0610997-02	ND	10.030	10.000	ug/L		100		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPJ1518	Matrix Spike	0610997-02	ND	9.3700	10.000	ug/L		93.7		86 - 115	
		Matrix Spike Duplicate	0610997-02	ND	9.7700	10.000	ug/L		97.7		86 - 115	

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/30/06 11:15

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 Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BPJ1517	BPJ1517-BS1	LCS	31.400	25.000	0.50	ug/L	126		70 - 130		
Toluene	BPJ1517	BPJ1517-BS1	LCS	27.410	25.000	0.50	ug/L	110		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPJ1517	BPJ1517-BS1	LCS	10.030	10.000		ug/L	100		76 - 114		
Toluene-d8 (Surrogate)	BPJ1517	BPJ1517-BS1	LCS	10.040	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPJ1517	BPJ1517-BS1	LCS	9.7300	10.000		ug/L	97.3		86 - 115		
Benzene	BPJ1518	BPJ1518-BS1	LCS	28.090	25.000	0.50	ug/L	112		70 - 130		
Toluene	BPJ1518	BPJ1518-BS1	LCS	24.660	25.000	0.50	ug/L	98.6		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPJ1518	BPJ1518-BS1	LCS	9.7400	10.000		ug/L	97.4		76 - 114		
Toluene-d8 (Surrogate)	BPJ1518	BPJ1518-BS1	LCS	9.9600	10.000		ug/L	99.6		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPJ1518	BPJ1518-BS1	LCS	9.6300	10.000		ug/L	96.3		86 - 115		

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/30/06 11:15

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	BPJ1517	BPJ1517-BLK1	ND	ug/L	0.50	0.14	
1,2-Dibromoethane	BPJ1517	BPJ1517-BLK1	ND	ug/L	0.50	0.22	
1,2-Dichloroethane	BPJ1517	BPJ1517-BLK1	ND	ug/L	0.50	0.15	
Ethylbenzene	BPJ1517	BPJ1517-BLK1	ND	ug/L	0.50	0.094	
Methyl t-butyl ether	BPJ1517	BPJ1517-BLK1	ND	ug/L	0.50	0.13	
Toluene	BPJ1517	BPJ1517-BLK1	ND	ug/L	0.50	0.12	
Total Xylenes	BPJ1517	BPJ1517-BLK1	ND	ug/L	0.50	0.31	
t-Amyl Methyl ether	BPJ1517	BPJ1517-BLK1	ND	ug/L	0.50	0.34	
t-Butyl alcohol	BPJ1517	BPJ1517-BLK1	ND	ug/L	10	9.3	
Diisopropyl ether	BPJ1517	BPJ1517-BLK1	ND	ug/L	0.50	0.34	
Ethanol	BPJ1517	BPJ1517-BLK1	ND	ug/L	250	85	
Ethyl t-butyl ether	BPJ1517	BPJ1517-BLK1	ND	ug/L	0.50	0.32	
Total Purgeable Petroleum Hydrocarbons	BPJ1517	BPJ1517-BLK1	ND	ug/L	50	16	
1,2-Dichloroethane-d4 (Surrogate)	BPJ1517	BPJ1517-BLK1	93.4	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPJ1517	BPJ1517-BLK1	99.1	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPJ1517	BPJ1517-BLK1	94.6	%	86 - 115 (LCL - UCL)		
Benzene	BPJ1518	BPJ1518-BLK1	ND	ug/L	0.50	0.14	
1,2-Dibromoethane	BPJ1518	BPJ1518-BLK1	ND	ug/L	0.50	0.22	
1,2-Dichloroethane	BPJ1518	BPJ1518-BLK1	ND	ug/L	0.50	0.15	
Ethylbenzene	BPJ1518	BPJ1518-BLK1	ND	ug/L	0.50	0.094	
Methyl t-butyl ether	BPJ1518	BPJ1518-BLK1	ND	ug/L	0.50	0.13	
Toluene	BPJ1518	BPJ1518-BLK1	ND	ug/L	0.50	0.12	
Total Xylenes	BPJ1518	BPJ1518-BLK1	ND	ug/L	0.50	0.31	
t-Amyl Methyl ether	BPJ1518	BPJ1518-BLK1	ND	ug/L	0.50	0.34	
t-Butyl alcohol	BPJ1518	BPJ1518-BLK1	ND	ug/L	10	9.3	

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/30/06 11:15

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
Diisopropyl ether	BPJ1518	BPJ1518-BLK1	ND	ug/L	0.50	0.34	
Ethanol	BPJ1518	BPJ1518-BLK1	ND	ug/L	250	85	
Ethyl t-butyl ether	BPJ1518	BPJ1518-BLK1	ND	ug/L	0.50	0.32	
Total Purgeable Petroleum Hydrocarbons	BPJ1518	BPJ1518-BLK1	ND	ug/L	50	16	
1,2-Dichloroethane-d4 (Surrogate)	BPJ1518	BPJ1518-BLK1	100	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPJ1518	BPJ1518-BLK1	98.6	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPJ1518	BPJ1518-BLK1	97.1	%	86 - 115 (LCL - UCL)		

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/30/06 11:15

Notes and Definitions

J	Estimated value
A53	Chromatogram not typical of gasoline.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page ___ Of ___

Submission #: DG 10943 | 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 ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ 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 RLW Temperature: 2-6 °C Thermometer ID: 48 Emissivity 0.95 Container VOA

Date/Time 10/18/16 Analyst Init AMR

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										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	T (3)	A (3)	A (3)	A (3)	A (3)	A (3)	A (3)	A (3)	( )	( )
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										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

omments:_____

ample Numbering Completed By: AMR Date/Time: 10/18/16 0100

BC LABORATORIES, INC.
4100 Atlas Court ☐ Bakersfield, CA 93308
(661) 327-4911 ☐ FAX (661) 327-1918

CHAIN OF CUSTODY

#06-10943

Analysis Requested

Circle one: Phillips 66 / Unocal

Consultant Firm: TRC

Address: 15599 HESPERIAN BLVD.

21 Techology Drive
Irvine, CA 92618-2302
Attn: Anju Farfan

City: SAN LEANDRO

4-digit site#: 7004

Workorder # 01631-4506936258

State: CA Zip:

Project #: 41060001/FA20

Phillips 66 /Unocal Mgr: THOMAS KOSEL

Sampler Name: Rick R.

MATRIX
(GW) Groundwater
(S) Soil
(WW) Wastewater
(SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ MTBE & oxygenates	BTEX/MTBE/~~OXYS~~ BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	oxys by 8260B	EDB/EDC by 8260B	TBA	Turnaround Time Requested
		MW-10 -1	10/18/06-0700	GW					X	X	X	X	X		STD
		MW-7 -2	0714						X	X	X	X	X		
		MW-4 -3	0728						X	X	X			X	
		MW-9 -4	0741						X	X	X	X	X		
		MW-6 -5	0756						X	X	X			X	
		MW-1 -6	0819						X	X	X			X	
		MW-2 -7	0832						X	X	X			X	
		MW-8 -8	0850						X	X	X	X	X		

CHK BY: OTO

DISTRIBUTION: JCR

SUB-OUT ☐

Comments:

GLOBAL ID: T0600101461

Relinquished by: (Signature)	Received by:	Date & Time
	REFRIGERATED	10/18/06 - 1030
Relinquished by: (Signature)	Received by: Ross Dickey	Date & Time 10/18/06 1415
Relinquished by: (Signature) Ross Dickey 10/18/06 1910	Received by: L Macedo	Date & Time 10/18/06 1915
Rel L Macedo 10/18/06 2350		10/18/06 2350

(A) = ANALYSIS (C) = CONTAINER (P) = PRESERVATIVE

BC LABORATORIES, INC.

Date of Report: 11/02/2006

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 7004

BC Lab Number: 0611223

Enclosed are the results of analyses for samples received by the laboratory on 10/25/06 22:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

BC LABORATORIES, INC.

TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 7004 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 11/02/06 16:25

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
0611223-01	**COC Number:**	---	**Receive Date:** 10/25/06 22:25	Delivery Work Order:
	Project Number:	7004	**Sampling Date:** 10/24/06 11:15	Global ID: T0600101451
	Sampling Location:	MW-3	**Sample Depth:** ---	Matrix: W
	Sampling Point:	MW-3	**Sample Matrix:** Water	Samle QC Type (SACode): CS
	Sampled By:	Brian Hudson of TRCI		Cooler ID:
0611223-02	**COC Number:**	---	**Receive Date:** 10/25/06 22:25	Delivery Work Order:
	Project Number:	7004	**Sampling Date:** 10/24/06 11:25	Global ID: T0600101451
	Sampling Location:	MW-5	**Sample Depth:** ---	Matrix: W
	Sampling Point:	MW-5	**Sample Matrix:** Water	Samle QC Type (SACode): CS
	Sampled By:	Brian Hudson of TRCI		Cooler ID:
0611223-03	**COC Number:**	---	**Receive Date:** 10/25/06 22:25	Delivery Work Order:
	Project Number:	7004	**Sampling Date:** 10/24/06 11:35	Global ID: T0600101451
	Sampling Location:	RW-1	**Sample Depth:** ---	Matrix: W
	Sampling Point:	RW-1	**Sample Matrix:** Water	Samle QC Type (SACode): CS
	Sampled By:	Brian Hudson of TRCI		Cooler ID:

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 11/02/06 16:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0611223-01 | **Client Sample Name:** 7004, MW-3, MW-3, 10/24/2006 11:15:00AM, Brian Hudson

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	10/31/06	11/01/06 16:29	DKC	MS-V12	1	BPJ1741	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/31/06	11/01/06 16:29	DKC	MS-V12	1	BPJ1741	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/31/06	11/01/06 16:29	DKC	MS-V12	1	BPJ1741	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/31/06	11/01/06 16:29	DKC	MS-V12	1	BPJ1741	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/31/06	11/01/06 16:29	DKC	MS-V12	1	BPJ1741	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	10/31/06	11/01/06 16:29	DKC	MS-V12	1	BPJ1741	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/31/06	11/01/06 16:29	DKC	MS-V12	1	BPJ1741	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/31/06	11/01/06 16:29	DKC	MS-V12	1	BPJ1741	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114	(LCL - UCL)	EPA-8260	10/31/06	11/01/06 16:29	DKC	MS-V12	1	BPJ1741		
Toluene-d8 (Surrogate)	98.7	%	88 - 110	(LCL - UCL)	EPA-8260	10/31/06	11/01/06 16:29	DKC	MS-V12	1	BPJ1741		
4-Bromofluorobenzene (Surrogate)	97.6	%	86 - 115	(LCL - UCL)	EPA-8260	10/31/06	11/01/06 16:29	DKC	MS-V12	1	BPJ1741		

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 11/02/06 16:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0611223-02 | **Client Sample Name:** 7004, MW-5, MW-5, 10/24/2006 11:25:00AM, Brian Hudson

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	10/31/06	11/01/06 08:38	DKC	MS-V12	1	BPJ1741	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/31/06	11/01/06 08:38	DKC	MS-V12	1	BPJ1741	ND	
Methyl t-butyl ether	2.7	ug/L	0.50		EPA-8260	10/31/06	11/01/06 08:38	DKC	MS-V12	1	BPJ1741	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/31/06	11/01/06 08:38	DKC	MS-V12	1	BPJ1741	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/31/06	11/01/06 08:38	DKC	MS-V12	1	BPJ1741	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	10/31/06	11/01/06 08:38	DKC	MS-V12	1	BPJ1741	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/31/06	11/01/06 08:38	DKC	MS-V12	1	BPJ1741	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/31/06	11/01/06 08:38	DKC	MS-V12	1	BPJ1741	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	10/31/06	11/01/06 08:38	DKC	MS-V12	1	BPJ1741		
Toluene-d8 (Surrogate)	98.5	%	88 - 110 (LCL - UCL)		EPA-8260	10/31/06	11/01/06 08:38	DKC	MS-V12	1	BPJ1741		
4-Bromofluorobenzene (Surrogate)	94.1	%	86 - 115 (LCL - UCL)		EPA-8260	10/31/06	11/01/06 08:38	DKC	MS-V12	1	BPJ1741		

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 11/02/06 16:25

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0611223-03 | **Client Sample Name:** 7004, RW-1, RW-1, 10/24/2006 11:35:00AM, Brian Hudson

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	10/31/06	11/02/06 07:33	DKC	MS-V12	1	BPJ1741	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/31/06	11/02/06 07:33	DKC	MS-V12	1	BPJ1741	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/31/06	11/02/06 07:33	DKC	MS-V12	1	BPJ1741	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/31/06	11/02/06 07:33	DKC	MS-V12	1	BPJ1741	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/31/06	11/02/06 07:33	DKC	MS-V12	1	BPJ1741	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	10/31/06	11/02/06 07:33	DKC	MS-V12	1	BPJ1741	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/31/06	11/02/06 07:33	DKC	MS-V12	1	BPJ1741	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/31/06	11/02/06 07:33	DKC	MS-V12	1	BPJ1741	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114	(LCL - UCL)	EPA-8260	10/31/06	11/02/06 07:33	DKC	MS-V12	1	BPJ1741		
Toluene-d8 (Surrogate)	99.1	%	88 - 110	(LCL - UCL)	EPA-8260	10/31/06	11/02/06 07:33	DKC	MS-V12	1	BPJ1741		
4-Bromofluorobenzene (Surrogate)	96.6	%	86 - 115	(LCL - UCL)	EPA-8260	10/31/06	11/02/06 07:33	DKC	MS-V12	1	BPJ1741		

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 11/02/06 16:25

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	Control Limits Percent Recovery	Lab Quals
Benzene	BPJ1741	Matrix Spike	0610989-04	ND	30.570	25.000	ug/L		122		70 - 130	
		Matrix Spike Duplicate	0610989-04	ND	30.680	25.000	ug/L	0.816	123	20	70 - 130	
Toluene	BPJ1741	Matrix Spike	0610989-04	ND	27.750	25.000	ug/L		111		70 - 130	
		Matrix Spike Duplicate	0610989-04	ND	27.260	25.000	ug/L	1.82	109	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPJ1741	Matrix Spike	0610989-04	ND	9.9000	10.000	ug/L		99.0		76 - 114	
		Matrix Spike Duplicate	0610989-04	ND	10.350	10.000	ug/L		104		76 - 114	
Toluene-d8 (Surrogate)	BPJ1741	Matrix Spike	0610989-04	ND	9.9500	10.000	ug/L		99.5		88 - 110	
		Matrix Spike Duplicate	0610989-04	ND	10.190	10.000	ug/L		102		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPJ1741	Matrix Spike	0610989-04	ND	10.110	10.000	ug/L		101		86 - 115	
		Matrix Spike Duplicate	0610989-04	ND	10.200	10.000	ug/L		102		86 - 115	

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 11/02/06 16:25

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 Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BPJ1741	BPJ1741-BS1	LCS	28.040	25.000	0.50	ug/L	112		70 - 130		
Toluene	BPJ1741	BPJ1741-BS1	LCS	25.370	25.000	0.50	ug/L	101		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPJ1741	BPJ1741-BS1	LCS	9.2700	10.000		ug/L	92.7		76 - 114		
Toluene-d8 (Surrogate)	BPJ1741	BPJ1741-BS1	LCS	10.240	10.000		ug/L	102		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPJ1741	BPJ1741-BS1	LCS	9.4400	10.000		ug/L	94.4		86 - 115		

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 11/02/06 16:25

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	BPJ1741	BPJ1741-BLK1	ND	ug/L	0.50	0.14	
Ethylbenzene	BPJ1741	BPJ1741-BLK1	ND	ug/L	0.50	0.094	
Methyl t-butyl ether	BPJ1741	BPJ1741-BLK1	ND	ug/L	0.50	0.13	
Toluene	BPJ1741	BPJ1741-BLK1	ND	ug/L	0.50	0.12	
Total Xylenes	BPJ1741	BPJ1741-BLK1	ND	ug/L	0.50	0.31	
t-Butyl alcohol	BPJ1741	BPJ1741-BLK1	ND	ug/L	10	9.3	
Ethanol	BPJ1741	BPJ1741-BLK1	ND	ug/L	250	85	
Total Purgeable Petroleum Hydrocarbons	BPJ1741	BPJ1741-BLK1	ND	ug/L	50	16	
1,2-Dichloroethane-d4 (Surrogate)	BPJ1741	BPJ1741-BLK1	98.1	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPJ1741	BPJ1741-BLK1	99.2	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPJ1741	BPJ1741-BLK1	94.2	%	86 - 115 (LCL - UCL)		

TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 11/02/06 16:25

Notes and Definitions

J	Estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page ___ Of ___

Submission #: 06-11223 | 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 ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ 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 RIW Emissivity 0.98 Date/Time 10/25/6
Temperature: 3.8 °C Container QTA Analyst Init AMR
Thermometer ID: 48

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										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A/3	A/3	A/3	( )	( )	( )	( )	( )	( )	( )
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										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

omments:_____
ample Numbering Completed By: AMR Date/Time: 10/26/6 0100

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

#06-11223

Analysis Requested

Circle one: Phillips 66 / Unocal	**Consultant Firm: TRC**
Address: 15599 Hesperian Boulevard	**21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan**
City: San Leandro	**4-digit site#: 7004**
	Workorder #: 1631TRC502
State: CA **Zip:**	**Project #: 41060001/FA20**
COP Mgr: Thomas Kosel	**Sampler Name:** Brian Thomas

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX (GW) Groundwater (S) Soil (WW) Wastewater (SL) Sludge	TPHg by GCMS	BTEX, MTBE, & TBA by EPA 8260B	Ethanol by 8260								Turnaround Time Requested
	Monitor well MW-3	1 MW-3	10/24/06 1115	GW	X	X	X								STD
	MW-5	2 MW-5	1125	GW	X	X	X								STD
	RW-1	3 RW-1	1135	GW	X	X	X								STD

CHK BY OTO DISTRIBUTION JKR SUB-OUT □

Comments:	Relinquished by: (Signature)	Received by: Rosa Dickey	Date & Time 10/25/06 1155
COP PO#: 01631 - 4506936258	Relinquished by: (Signature) Rosa Dickey 10/25/06	Received by: E Macato	Date & Time 10/25/06 1920
GLOBAL ID: T0600101451	Relinquished by: (Signature) E Macato 10/25/06 2225	Received by:	Date & Time 10/25/6 2225

(A) = ANALYSIS (C) = CONTAINER (P) = PRESERVATIVE

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.

ATTACHMENT 2
O&M ANALYTICAL DATA, FIELD DATA SHEETS, AND LABORATORY REPORTS

Quarterly Status and Remediation Summary Report – Fourth Quarter 2006
Former 76 Service Station No. 7004
15599 Hesperian Boulevard
San Leandro, California
SECOR Project No.: 77CP.01631.00.0304
March 15, 2007

KIFF Analytical LLC

Report Number : 52595
Date : 1/4/2007

Diane Barclay
SECOR International, Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Subject : 1 Water Sample and 2 Vapor Samples
Project Name : Temporary DPE System
Project Number : CP 7004
P.O. Number : 77CP.01631.02.2060

Dear Ms. Barclay,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 52595

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Sample : **INF** Matrix : Air Lab Number : 52595-01

Sample Date :10/3/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	10/5/2006
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	10/5/2006
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	10/5/2006
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	10/5/2006
Methyl-t-butyl ether (MTBE)	**< 0.10**	0.10	ppmv	EPA 8260B	10/5/2006
TPH as Gasoline	**< 5.0**	5.0	ppmv	EPA 8260B	10/5/2006
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	10/5/2006
4-Bromofluorobenzene (Surr)	88.6		% Recovery	EPA 8260B	10/5/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 52595

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Sample : **EFF** Matrix : Air Lab Number : 52595-02

Sample Date :10/3/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	10/5/2006
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	10/5/2006
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	10/5/2006
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	10/5/2006
Methyl-t-butyl ether (MTBE)	**< 0.10**	0.10	ppmv	EPA 8260B	10/5/2006
TPH as Gasoline	**< 5.0**	5.0	ppmv	EPA 8260B	10/5/2006
Toluene - d8 (Surr)	103		% Recovery	EPA 8260B	10/5/2006
4-Bromofluorobenzene (Surr)	88.7		% Recovery	EPA 8260B	10/5/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 52595

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Sample : **KO** Matrix : Water Lab Number : 52595-03

Sample Date :10/3/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/6/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	10/6/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	10/6/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	10/6/2006
Methyl-t-butyl ether (MTBE)	**2.4**	0.50	ug/L	EPA 8260B	10/6/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/6/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	10/6/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	10/6/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	10/6/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	10/6/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	10/6/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	10/6/2006
Toluene - d8 (Surr)	99.0		% Recovery	EPA 8260B	10/6/2006
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	10/6/2006
1,2-Dichloroethane-d4 (Surr)	103		% Recovery	EPA 8260B	10/6/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 52595

Date : 1/4/2007

QC Report : Method Blank Data

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	ppmv	EPA 8260B	10/4/2006
Toluene	< 0.050	0.050	ppmv	EPA 8260B	10/4/2006
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	10/4/2006
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	10/4/2006
Methyl-t-butyl ether (MTBE)	< 0.10	0.10	ppmv	EPA 8260B	10/4/2006
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	10/4/2006
Toluene - d8 (Surr)	102		%	EPA 8260B	10/4/2006
4-Bromofluorobenzene (Surr)	84.9		%	EPA 8260B	10/4/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	10/6/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	10/6/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	10/6/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	10/6/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	10/6/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	10/6/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	10/6/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	10/6/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	10/6/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	10/6/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	10/6/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	10/6/2006
Toluene - d8 (Surr)	99.7		%	EPA 8260B	10/6/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	10/6/2006
1,2-Dichloroethane-d4 (Surr)	104		%	EPA 8260B	10/6/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 52595

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	52602-02	<0.50	40.0	40.0	36.3	35.8	ug/L	EPA 8260B	10/6/06	90.7	89.6	1.18	70-130	25
Toluene	52602-02	<0.50	40.0	40.0	36.6	35.8	ug/L	EPA 8260B	10/6/06	91.4	89.5	2.14	70-130	25
Tert-Butanol	52602-02	18	200	200	194	197	ug/L	EPA 8260B	10/6/06	87.9	89.6	1.98	70-130	25
Methyl-t-Butyl Ether	52602-02	57	40.0	40.0	93.6	93.6	ug/L	EPA 8260B	10/6/06	90.6	90.6	0.0869	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 52595

QC Report : Laboratory Control Sample (LCS)

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	10/6/06	85.3	70-130
Toluene	40.0	ug/L	EPA 8260B	10/6/06	86.1	70-130
Tert-Butanol	200	ug/L	EPA 8260B	10/6/06	83.1	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	10/6/06	87.8	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

EFF al LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 52595

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Diane Barclay	California EDF Report? ☒ Yes ☐ No
Company / Address: SECOR International Inc; 3017 Kilgore Road Suite 100, Rancho Cordova, CA 95670	Sampling Company Log Code:
Phone #: (916) 861-0400 ext.300 / Fax #: (916) 861-0430	Global ID:
Project #: CP 7004 / P.O. #: 77CP.01631.02.2060	EDF Deliverable To (Email Address): dbarclay@secor.com
Project Name: Temporary DPE System	Sampler Signature:
Project Address: 15555 Hesperian Boulevard, San Leandro,CA 94579	

Sample Designation	Field Point Name	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: Tedlar	Preservative: None	Preservative: HCL	Matrix: Water	Matrix: Air	8260B-TPHg/BTEX/MTBE	TAT	For Lab Use Only
INF		10/5/06	1215		1	X			X	X	12 hr	01
EFF		↓	1210		1	X			X	Y	12 hr	02
KO		↓	1220	3			X	X		Y	12 hr	03

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☒ 1 wk

Relinquished by:	Date	Time	Received by:
	10/6/06	1330	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	100406	1335	Kiff Analytical

Remarks:

Required Reporting Limit: <10 ppm (v)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
5.8	CIY	~~1305~~ 100406	1305	IR4	Yes / No

Distribution: White - Lab; Copy - Originator
Rev: 051805

KIFF Analytical LLC

Report Number : 53307
Date : 1/4/2007

Diane Barclay
SECOR International, Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Subject : 1 Water Sample and 2 Vapor Samples
Project Name : Temporary DPE System
Project Number : CP 7004
P.O. Number : 77CP.01631.02.2060

Dear Ms. Barclay,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 53307

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Sample : **INF** Matrix : Air Lab Number : 53307-01

Sample Date :11/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	11/13/2006
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	11/13/2006
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	11/13/2006
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	11/13/2006
Methyl-t-butyl ether (MTBE)	**< 0.10**	0.10	ppmv	EPA 8260B	11/13/2006
TPH as Gasoline	**< 5.0**	5.0	ppmv	EPA 8260B	11/13/2006
Toluene - d8 (Surr)	95.5		% Recovery	EPA 8260B	11/13/2006
4-Bromofluorobenzene (Surr)	110		% Recovery	EPA 8260B	11/13/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53307

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Sample : **EFF** Matrix : Air Lab Number : 53307-02

Sample Date :11/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	11/13/2006
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	11/13/2006
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	11/13/2006
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	11/13/2006
Methyl-t-butyl ether (MTBE)	**< 0.10**	0.10	ppmv	EPA 8260B	11/13/2006
TPH as Gasoline	**< 5.0**	5.0	ppmv	EPA 8260B	11/13/2006
Toluene - d8 (Surr)	96.1		% Recovery	EPA 8260B	11/13/2006
4-Bromofluorobenzene (Surr)	112		% Recovery	EPA 8260B	11/13/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53307

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Sample : **KO** Matrix : Water Lab Number : 53307-03

Sample Date :11/13/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/14/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	11/14/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	11/14/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	11/14/2006
Methyl-t-butyl ether (MTBE)	**1.2**	0.50	ug/L	EPA 8260B	11/14/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/14/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	11/14/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	11/14/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/14/2006
Ethanol	**< 5.0**	5.0	ug/L	EPA 8260B	11/14/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/14/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	11/14/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	11/14/2006
Toluene - d8 (Surr)	96.8		% Recovery	EPA 8260B	11/14/2006
4-Bromofluorobenzene (Surr)	93.9		% Recovery	EPA 8260B	11/14/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53307

Date : 1/4/2007

QC Report : Method Blank Data

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.050	0.050	ppmv	EPA 8260B	11/14/2006
Toluene	< 0.050	0.050	ppmv	EPA 8260B	11/14/2006
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	11/14/2006
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	11/14/2006
Methyl-t-butyl ether (MTBE)	< 0.10	0.10	ppmv	EPA 8260B	11/14/2006
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	11/14/2006
Toluene - d8 (Surr)	99.5		%	EPA 8260B	11/14/2006
4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	11/14/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	11/14/2006
Ethanol	< 5.0	5.0	ug/L	EPA 8260B	11/14/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	11/14/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	11/14/2006
Toluene - d8 (Surr)	97.9		%	EPA 8260B	11/14/2006
4-Bromofluorobenzene (Surr)	97.0		%	EPA 8260B	11/14/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53307

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	53296-01	<0.50	40.0	40.0	38.5	38.3	ug/L	EPA 8260B	11/14/06	96.3	95.7	0.653	70-130	25
Toluene	53296-01	<0.50	40.0	40.0	39.1	37.1	ug/L	EPA 8260B	11/14/06	97.8	92.9	5.16	70-130	25
Tert-Butanol	53296-01	<5.0	200	200	198	197	ug/L	EPA 8260B	11/14/06	99.2	98.6	0.628	70-130	25
Methyl-t-Butyl Ether	53296-01	<0.50	40.0	40.0	32.8	35.1	ug/L	EPA 8260B	11/14/06	82.1	87.7	6.57	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53307

QC Report : Laboratory Control Sample (LCS)

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	11/14/06	98.7	70-130
Toluene	40.0	ug/L	EPA 8260B	11/14/06	97.2	70-130
Tert-Butanol	200	ug/L	EPA 8260B	11/14/06	100	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	11/14/06	89.9	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 53307

Page 1 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Diane Barclay	California EDF Report? ☐ Yes ☐ No
Company / Address: SECOR International Inc; 3017 Kilgore Road Suite 100, Rancho Cordova, CA 95670	Sampling Company Log Code:
Phone #: (916) 861-0400 ext.300 / Fax #: (916) 861-0430	Global ID:
Project #: CP 7004 / P.O. #: 77CP.01631.02.2060	EDF Deliverable To (Email Address): dbarclay@secor.com
Project Name: Temporary DPE System	Sampler Signature:
Project Address: 15555 Hesperian Boulevard, San Leandro,CA 94579	

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hrs ☒ 1 wk

Sample Designation	Field Point Name	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: Tedlar	Preservative: None	Preservative: 4 et	Matrix: Water	Matrix: Air	Analysis Request: 8260B-TPHg/BTEX/MTBE	For Lab Use Only
INF		11/13/06	1225	✓			✓		Y	X	01
EFF		"	1230	✓			✓		Y	Y	02
KO		"	1240		✓	✓		Y		Y	03

Relinquished by:	Date	Time	Received by:
	11/13/06	1520	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	111306	1539	Robbs Kiff Analytical

Remarks:

Required Reporting Limit: <10 ppm (v)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
4.8	RMH	111306	1520	IR4	(Yes) No

Distribution: White - Lab; Copy - Originator
Rev: 051805

KIFF Analytical LLC

Report Number : 53767
Date : 1/4/2007

Diane Barclay
SECOR International, Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

Subject : 1 Water Sample and 2 Vapor Samples
Project Name : Temporary DPE System
Project Number : CP 7004
P.O. Number : 77CP.01631.02.2060

Dear Ms. Barclay,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 53767

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Sample : **INF** Matrix : Air Lab Number : 53767-01

Sample Date :12/7/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	12/7/2006
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	12/7/2006
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	12/7/2006
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	12/7/2006
Methyl-t-butyl ether (MTBE)	**< 0.10**	0.10	ppmv	EPA 8260B	12/7/2006
TPH as Gasoline	**19**	5.0	ppmv	EPA 8260B	12/7/2006
Toluene - d8 (Surr)	97.5		% Recovery	EPA 8260B	12/7/2006
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	12/7/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53767

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Sample : **EFF** Matrix : Air Lab Number : 53767-02

Sample Date :12/7/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	ppmv	EPA 8260B	12/7/2006
Toluene	**< 0.050**	0.050	ppmv	EPA 8260B	12/7/2006
Ethylbenzene	**< 0.050**	0.050	ppmv	EPA 8260B	12/7/2006
Total Xylenes	**< 0.050**	0.050	ppmv	EPA 8260B	12/7/2006
Methyl-t-butyl ether (MTBE)	**< 0.10**	0.10	ppmv	EPA 8260B	12/7/2006
TPH as Gasoline	**< 5.0**	5.0	ppmv	EPA 8260B	12/7/2006
Toluene - d8 (Surr)	98.0		% Recovery	EPA 8260B	12/7/2006
4-Bromofluorobenzene (Surr)	105		% Recovery	EPA 8260B	12/7/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 53767

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Sample : **KO** Matrix : Water Lab Number : 53767-03

Sample Date :12/7/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/8/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	12/8/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	12/8/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	12/8/2006
Methyl-t-butyl ether (MTBE)	**0.68**	0.50	ug/L	EPA 8260B	12/8/2006
Diisopropyl ether (DIPE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/8/2006
Ethyl-t-butyl ether (ETBE)	**< 0.50**	0.50	ug/L	EPA 8260B	12/8/2006
Tert-amyl methyl ether (TAME)	**< 0.50**	0.50	ug/L	EPA 8260B	12/8/2006
Tert-Butanol	**< 5.0**	5.0	ug/L	EPA 8260B	12/8/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	12/8/2006
1,2-Dichloroethane	**< 0.50**	0.50	ug/L	EPA 8260B	12/8/2006
1,2-Dibromoethane	**< 0.50**	0.50	ug/L	EPA 8260B	12/8/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	12/8/2006
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	12/8/2006
1,2-Dichloroethane-d4 (Surr)	102		% Recovery	EPA 8260B	12/8/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53767

Date : 1/4/2007

QC Report : Method Blank Data

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/7/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/7/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/7/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/7/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/7/2006
Diisopropyl ether (DIPE)	< 0.50	0.50	ug/L	EPA 8260B	12/7/2006
Ethyl-t-butyl ether (ETBE)	< 0.50	0.50	ug/L	EPA 8260B	12/7/2006
Tert-amyl methyl ether (TAME)	< 0.50	0.50	ug/L	EPA 8260B	12/7/2006
Tert-Butanol	< 5.0	5.0	ug/L	EPA 8260B	12/7/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/7/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	12/7/2006
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	12/7/2006
Toluene - d8 (Surr)	102		%	EPA 8260B	12/7/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	12/7/2006
1,2-Dichloroethane-d4 (Surr)	103		%	EPA 8260B	12/7/2006
Benzene	< 0.050	0.050	ppmv	EPA 8260B	12/7/2006
Toluene	< 0.050	0.050	ppmv	EPA 8260B	12/7/2006
Ethylbenzene	< 0.050	0.050	ppmv	EPA 8260B	12/7/2006
Total Xylenes	< 0.050	0.050	ppmv	EPA 8260B	12/7/2006
Methyl-t-butyl ether (MTBE)	< 0.10	0.10	ppmv	EPA 8260B	12/7/2006
TPH as Gasoline	< 5.0	5.0	ppmv	EPA 8260B	12/7/2006
Toluene - d8 (Surr)	99.7		%	EPA 8260B	12/7/2006
4-Bromofluorobenzene (Surr)	101		%	EPA 8260B	12/7/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53767

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	53723-04	<0.50	40.0	40.0	38.3	37.8	ug/L	EPA 8260B	12/7/06	95.8	94.5	1.37	70-130	25
Toluene	53723-04	<0.50	40.0	40.0	38.8	38.6	ug/L	EPA 8260B	12/7/06	96.9	96.5	0.440	70-130	25
Tert-Butanol	53723-04	<5.0	200	200	198	202	ug/L	EPA 8260B	12/7/06	99.2	101	1.71	70-130	25
Methyl-t-Butyl Ether	53723-04	7.8	40.0	40.0	51.6	51.9	ug/L	EPA 8260B	12/7/06	110	110	0.517	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 53767

QC Report : Laboratory Control Sample (LCS)

Date : 1/4/2007

Project Name : **Temporary DPE System**

Project Number : **CP 7004**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	12/7/06	95.3	70-130
Toluene	40.0	ug/L	EPA 8260B	12/7/06	97.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	12/7/06	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	12/7/06	111	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 53767

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Diane Barclay	California EDF Report? ☒ Yes ☐ No
Company / Address: SECOR International Inc; 3017 Kilgore Road Suite 100, Rancho Cordova, CA 95670	Sampling Company Log Code:
Phone #: (916) 861-0400 ext.300 / Fax #: (916) 861-0430	Global ID:
Project #: CP 7004 / P.O. #: 77CP.01631.02.2060	EDF Deliverable To (Email Address): dbarclay@secor.com
Project Name: Temporary DPE System	Sampler Signature:
Project Address: 15555 Hesperian Boulevard, San Leandro,CA 94579	

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☒ 1 wk

Sample Designation	Field Point Name	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Tedlar	Preservative: None	Preservative: HCL	Matrix: Water	Matrix: Air	Analysis Request: 8260B-TPHg/BTEX/MTBE	TAT	For Lab Use Only
INF		12/1/06	1105		X	X			X	X	12 hr	-01
EFF		↓	1100		X	X			X	X	12 hr	
KO		↓	1005	X			X	X		X	12 hr	

Relinquished by:	Date	Time	Received by:
	12/7/06	3:30	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	120706	1530	Kiff Analytical

Remarks:

Required Reporting Limit: <10 ppm (v)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
5.9	OA	120706	1523	IR-4	(Yes) / No

Distribution: White - Lab; Copy - Originator
Rev: 051805

FIELD SERVICES REQUEST

SITE INFORMATION FORM	San Leandro CP 7004 DPE System O&M

Identification

Project #: _____

Station ID #: *CP 7004*

Site Address: *15555 Hesperian Boulevard*
San Leandro, CA 94579

Lab: ~~STL~~ KIFF

County: *Alameda*

Project Manager: *Thomas Potter*

Requester: *Adrian Perez*

Client: *ConocoPhillips*

Client P.O.C: *Thomas Kosel*

Date of Request: 10/3/06

Project Type

[X] Operation & Maintenance

[X] Sampling

[ ] 1st Time Visit

[ ] Quarterly
__ 1st __ 2nd __ 3rd __ 4th

[ ] Monthly

[ ] Semi-Monthly

[X] Weekly

[ ] One Time Event

[ ] Other:

Field Date: *Weekly*

Check Appropriate Category

[X] Budget Site Visit

[ ] Out of Budget Site Visit

Budget Hours: _____

Actual Hours: _____

Mob/de Mob: _____

Site Safety Concerns

Please Read HASP and conduct a tailgate meeting prior to beginning work.

Field Tasks General Description

1) Sample vapor system according to the following schedule.

	Wells	Influent	Effluent
TPHg/BTEX/MtBE (EPA 8015/8021)	Q	M	M
FID	M	W	W

INF 1215
EFF 1210
K/O 1230

A=Annual; M=Monthly;Q=Quarterly; W=Weekly

2) Submit Field Data Sheet to Adrian Perez Weekly.

3) Change chart in LEL chart recorder weekly. Return paper to Adrian Perez.

4) Change chart paper in temperature chart recorder as necessary.

Comments / Remarks from Field Staff

Completed By: _____ **Date:** 10/3

SECOR
International Incorporated

C:\Forms\Field Service Request.xls

77 CP67004.08. 0009 Start up
.12 0005 TRV WEEKLY VISIT
.12 0003 CM SITE

MONTHLY - ~~INF~~/EFF AIR
K/O WATER 14723. Lm
9-25 492990 Lm

Project Number:	Temporary DPE System-O&M	CP 7004
77CP.67004.03.0006	Field Data Sheet	15555 Hesperian Blvd
		San Leandro, California

DO NOT OPERATE PAST - Pending Permit To Operate

Part A: System Information

Soil Vapor Abatement Equipment: Solleco 350 TCAT (MTS) (Plant No. 13708)
Liquid Ring Blower: Travaini TRO400S
·(Maximum Flow Rate: 350 cfm; Maximum Vacuum: 28 inHg)
Baker Tank: 6500 Gal Tank w/ Secondary Containment
Propane Tank: Amerigas 1000 gallon Tank
Telemetry: NA
Electrical Power: Liquid Propane Generator
Supplemental Fuel: Propane Gas at 5 psi

Part B: Permit Information

Air Permit: Bay Area Air Quality Management District; Application No. 13031
Plant Number 13708

Conditions: ·VOC control efficiency > 98% (for influent >2000 ppmv)
·Minimum combustion temperature 1,400 °F
·Propane Gas meter reading obtained weekly.
·Estimated Percent Volume of Baker Tank weekly.
·Monthly effluent FID samples
·Benzene Emissions shall not exceed .25 lbs/day (6.4 lbs/year)
·Chart recorder is recording temperature at all times and changed as needed.

Part C: System Data

	Upon Arrival	Upon Departure
Date:	10/3	~~14846.0~~
Time:	9a	10

General Data	Upon Arrival	Upon Departure
System Status (Up/Down):	UP	UP
Hourmeter Reading:		14846.0
Totalizer Reading (gallons):		517340
Estimated % Volume of Baker Tank(%):		10%
Propane (x1000 ft^3):		50%
Blower Vacuum (inHg):		24

Thermal Oxidizer Data	Upon Arrival	Upon Departure
Oxidizer Setpoint (°F):		1450
Operating Temperature: (°F)		1450
High Temp Setpoint: (°F)		1600
Auto Dilution Set Point (°F)		1500
Oxidizer Inlet Temperature: (°F)		1450 ~~1371~~
Oxidizer Exhaust Temperature: (°F)		1371

Soil Vapor Flow Data	Before Adjustment	After Adjustment
Well Field		
·Temperature (°F):		70.2
·Vacuum (inHg):		24
·Flow Rate (acfm):		70.2
Dilution		
·% Open:		0
·Temperature (°F):		X
·Vacuum (inHg):		
·Flow Rate (acfm):		
Total System		
·Temperature (°F):		70.2
·Vacuum (inHg):		24
·Flow Rate (acfm):		70.2
Effluent		
·Temperature (°F):		\
·Pressure (inHg):		
·Flow Rate (acfm):		

FID Data	Before Adjustment	After Adjustment
Well Field (ppmv):		21.2
Dilution (ppmv):		—
Total System (ppmv):		21.2
Effluent (ppmv):		0.0
Control Efficiency: (1-(FID Out/FID In))		

Part D: Troubleshooting (Complete if system down on arrival)

a: Give details of system status (why was system down?):

b: Give details of actions taken to correct problem:

Project Number:
77CP.67004.03.0006

Temporary DPE System-O&M
Well Data Sheet

CP 7004
15555 Hesperian Blvd
San Leandro, California

Well	FID	Valve Position	Manifold Vacuum (inHg)	System Vacuum (inHg)	Flow Rate (acfm)	Approximate GPM	Line Vacuum (inHg)	Casing Vacuum (inHg)	Slurp Tube Depth	DTP	*DTW*
Initial											
MW-3	31.3	20%	5	23					10' off Bottom		
MW-5	12.0	20%	5	↓					9' off Bottom		
RW-1	5.3	100%	23	↓					4' off Bottom		
Final											
MW-3	~~100~~ 30.0	100%	24	24			21	15	Bottom		
MW-5	~~50~~ 15.0	50%	20	↓			17	12	1' off B		
RW-1	~~20~~	—	—	—	—	—	—	—	—		

FID

Completed By:

Date:

Project Number:
77CP.67004.03.0006

Temporary DPE System-O&M
Maintenance Data

CP 7004
15555 Hesperian Blvd
San Leandro, California

System Maintenance

	Yes	No	Corrective Action
Leaks?		Y	
Rattles?		Y	
Excessive Noise? ·dB Reading:		Y	
Indicator Lights Out?		N	
Any Faulty Gauges?		N	
Abnormal wear and tear?		N	
Blower Oil Low?		N	
Process Filter Dirty?		N	
Dilution Filter Dirty?		N	
Linkage and Bearings Greased?	✓		
Bag Filters Replaced?		N/A	
System Automatic Shutdown Activated?	Y		✓ Floats out GSW DT
Did Shutdown Activate Autodialer?		N/A	
Inspected and Cleaned Pitot Tube(s)?	Y		
Chart Paper/Pens Replaced?	Y		
Other?			

Compound Maintenance

	Yes	No	Corrective Action
Compound Secure?	Y		
Any Debris?		Y	
Compound Cleaned?		Y	
Prop 65 Sign Posted?	Y		
Emergency Contact Sign Posted?	Y		
Air Permit Posted?	Y		
Discharge Permit Posted?	N/A		
HASP Posted?	Y		
Fire Extinguisher on site? ·Date last serviced:	Y		

Completed By:

Date:

Chain-of-Custody Record and Analysis Request

Kiff Analytical LLC
2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. _____ Page 1 of 1

Project Contact (Hardcopy or PDF To): Diane Barclay	California EDF Report? ☒ Yes ☐ No
Company / Address: SECOR International Inc; 3017 Kilgore Road Suite 100, Rancho Cordova, CA 95670	Sampling Company Log Code:
Phone #: (916) 861-0400 ext.300 / Fax #: (916) 861-0430	Global ID:
Project #: CP 7004 / P.O. #: 77CP.01631.02.2060	EDF Deliverable To (Email Address): dbarclay@secor.com
Project Name: Temporary DPE System	Sampler Signature:
Project Address: 15555 Hesperian Boulevard, San Leandro,CA 94579	

Sample Designation	Field Point Name	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Tedlar	Preservative: None	Preservative: HCl	Matrix: Water	Matrix: Air	Analysis Request: 8260B-TPHg/BTEX/MTBE	TAT	For Lab Use Only
INF		10/5/06	1215		1	X			X	X	12 hr	
EFF		↓	1210		1	X			X	X	12 hr	
KO		↓	1220	3			X	X		X	12 hr	

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☒ ~~1 wk~~

Relinquished by:	Date	Time	Received by:
	10/6/06	1350	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	100406	1335	Kiff Analytical

Remarks:

Required Reporting Limit: <10 ppm (v)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Copy - Originator
Rev: 051805

SITE VISITATION REPORT

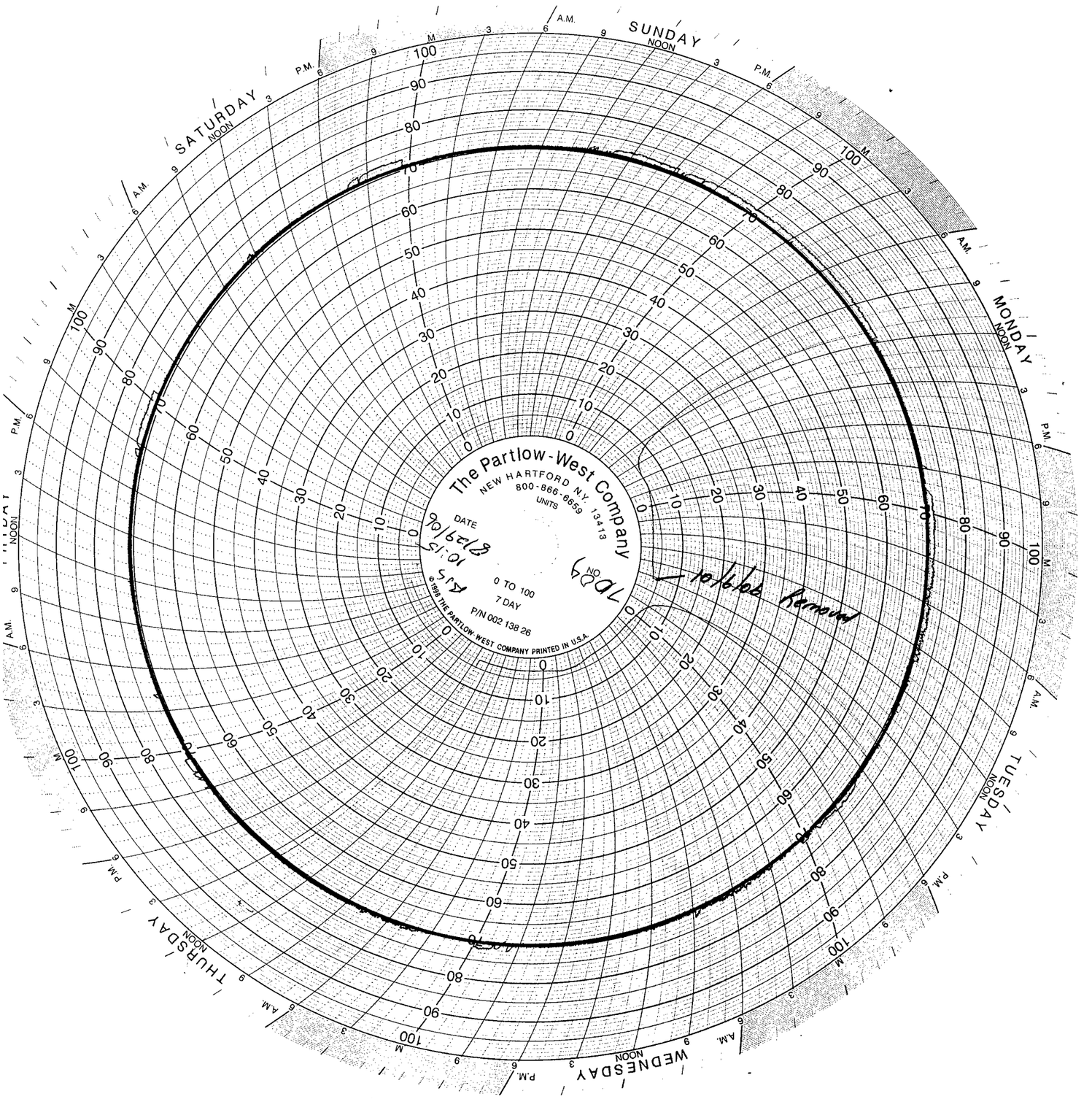
Project: CP 7004 Date: 10/6/06 Project No:
Name of Technicians(s) B Schoenneman Rate Sch/Bill Code:
Arrival Time: 1130 Departure Time: 1230 Did you call in? (Yes) No
Who did you call? Erik Lawson
Weather Notations: SUN (CLOUDY) RAIN SNOW Temperature: 62 F

DESCRIPTION OF ACTIVITIES ON SITE AND NOTES

System down changed chart paper Started system.
hours - 14887 Gallons - 524548 ProPane - 65%
LRP Vacuum - 26" Hg
LRP Temp - 148°F
Knock Out Vacuum - 23" Hg
Temp Controller SP 1400
Temp Controller indicated 1405
dilution Controller SP 1985
dilution Controller indicated 1118
High limit Controller SP 1550
High limit Controller indicated 1129

Well	Valve Position	Casing Vacuum
RW-1	Closed	
MW-3	open 100%	7.5" Hg
MW-5	open 50%	

Inlet FID - 27 PPm w/o Carbon 25 PPm w/carbon
exhaust FID - 0 PPm
dilution - Closed


SUNDAY
MONDAY
TUESDAY
WEDNESDAY
THURSDAY
SATURDAY
NOON
A.M.
P.M.
M
The Partlow-West Company
NEW HARTFORD N.Y. 13413
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7 DAY
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FIELD SERVICES REQUEST

SITE INFORMATION FORM	San Leandro CP 7004 DPE System O&M

Identification

Project #: _____

Station ID #: *CP 7004*

Site Address: *15555 Hesperian Boulevard*
San Leandro, CA 94579

Lab: *STL*

County: *Alameda*

Project Manager: *Thomas Potter*

Requester: *Adrian Perez*

Client: *ConocoPhillips*

Client P.O.C: *Thomas Kosel*

Date of Request: _____

Project Type

[X] Operation & Maintenance

[X] Sampling

[ ] 1st Time Visit

[ ] Quarterly
__1st __2nd __3rd __4th

[ ] Monthly

[ ] Semi-Monthly

[X] Weekly

[ ] One Time Event

[ ] Other:

Field Date: *Weekly* 10/17/06

Check Appropriate Category

[X] Budget Site Visit

[ ] Out of Budget Site Visit

Budget Hours: _____

Actual Hours: _____

Mob/de Mob: _____

Site Safety Concerns

Please Read HASP and conduct a tailgate meeting prior to beginning work.

Field Tasks General Description

1) Sample vapor system according to the following schedule.

	Wells	Influent	Effluent
TPHg/BTEX/MtBE (EPA 8015/8021)	Q	M	M
FID	M	W	W

NO SAMPLES O+M only

A=Annual; M=Monthly;Q=Quarterly; W=Weekly

2) Submit Field Data Sheet to Adrian Perez Weekly.

3) Change chart in LEL chart recorder weekly. Return paper to Adrian Perez.

4) Change chart paper in temperature chart recorder as necessary.

Comments / Remarks from Field Staff

Completed By: BH **Date:** 10/17/06

SECOR International Incorporated

C:\Forms\Field Service Request.xls

77 CP67004.08. 0009 Start up
.12 0005 TRV WEEKLY VISIT
.12 0003 CM SITE

MONTHLY - INF/EFF AIR
K/O WATER

Project Number: 77CP.67004.03.0006

Temporary DPE System-O&M
Field Data Sheet

CP 7004
15555 Hesperian Blvd
San Leandro, California

DO NOT OPERATE PAST - Pending Permit To Operate

Part A: System Information

Soil Vapor Abatement Equipment: Solleco 350 TCAT (MTS) (Plant No. 13708)
Liquid Ring Blower: Travaini TRO400S
·(Maximum Flow Rate: 350 cfm; Maximum Vacuum: 28 inHg)
Baker Tank: 6500 Gal Tank w/ Secondary Containment
Propane Tank: Amerigas 1000 gallon Tank
Telemetry: NA
Electrical Power: Liquid Propane Generator
Supplemental Fuel: Propane Gas at 5 psi

Part B: Permit Information

Air Permit: Bay Area Air Quality Management District; Application No. 13031
Plant Number 13708

Conditions: ·VOC control efficiency > 98% (for influent >2000 ppmv)
·Minimum combustion temperature 1,400 °F
·Propane Gas meter reading obtained weekly.
·Estimated Percent Volume of Baker Tank weekly.
·Monthly effluent FID samples
·Benzene Emissions shall not exceed .25 lbs/day (6.4 lbs/year)
·Chart recorder is recording temperature at all times and changed as needed.

Part C: System Data

	Upon Arrival	Upon Departure
Date:	10/17/06	
Time:	1005	

General Data	Upon Arrival	Upon Departure
System Status (Up/Down):	UP	UP
Hourmeter Reading:	15151.4	
Totalizer Reading (gallons):	562070	
Estimated % Volume of Baker Tank(%):	20%	
Propane (x1000 ft³):	60%	
Blower Vacuum (inHg):	22	

Completed By: [signature]

Date: 10/17

Thermal Oxidizer Data	Upon Arrival	Upon Departure
Oxidizer Setpoint (°F):	1450	
Operating Temperature: (°F)	1457	
High Temp Setpoint: (°F)	1550	→
Auto Dilution Set Point (°F)	1485	
Oxidizer Inlet Temperature: (°F)	1452	
Oxidizer Exhaust Temperature: (°F)	1300	

Soil Vapor Flow Data	Before Adjustment	After Adjustment
Well Field		
·Temperature (°F):	72.1	
·Vacuum (inHg):	22.0	
·Flow Rate (acfm):	81.5	
Dilution		
·% Open:	0	
·Temperature (°F):	\	
·Vacuum (inHg):		
·Flow Rate (acfm):		
Total System		
·Temperature (°F):	72.1	
·Vacuum (inHg):	22.0	
·Flow Rate (acfm):	81.5	
Effluent		
·Temperature (°F):	X	
·Pressure (inHg):		
·Flow Rate (acfm):		

FID Data	Before Adjustment	After Adjustment
Well Field (ppmv):	7.1	
Dilution (ppmv):	X	
Total System (ppmv):	7.1	→
Effluent (ppmv):	0.0	
Control Efficiency: (1-(FID Out/FID In))		

Completed By: Date: 10/17

Part D: Troubleshooting (Complete if system down on arrival)

a: Give details of system status (why was system down?):

UP All OK

b: Give details of actions taken to correct problem:

Completed By:

Date: 10/17

Project Number:
77CP.67004.03.0006

Temporary DPE System-O&M
Well Data Sheet

CP 7004
15555 Hesperian Blvd
San Leandro, California

Well	FID	Valve Position	Manifold Vacuum (inHg)	System Vacuum (inHg)	Flow Rate (acfm)	Approximate GPM	Line Vacuum (inHg)	Casing Vacuum (inHg)	Slurp Tube Depth	DTP	*DTW*
Initial											
MW-3	11.6	100%	22	22		1	20	11	Bottom		
MW-5	7.7	↓	↓	↓		1	19	10	↓		
RW-1	9.1	↓	↓	↓		1	20	10	↓		
Final											
MW-3	11.6	100%	22	22		1	20	11	Bottom		
MW-5	7.7	↓	↓	↓		1	19	10	↓		
RW-1	7.7	↓	↓	↓		1	20	10	↓		

Completed By:

Date:

Project Number:
77CP.67004.03.0006

Temporary DPE System-O&M
Maintenance Data

CP 7004
15555 Hesperian Blvd
San Leandro, California

System Maintenance

	Yes	No	Corrective Action
Leaks?		✓	
Rattles?		✓	
Excessive Noise? ·dB Reading:		✓	
Indicator Lights Out?		✓	
Any Faulty Gauges?		✓	
Abnormal wear and tear?		✓	
Blower Oil Low?		✓	
Process Filter Dirty?		✓	
Dilution Filter Dirty?		✓	
Linkage and Bearings Greased?	✓		
Bag Filters Replaced?	N/A		
System Automatic Shutdown Activated?	✓	C	Check Floats OK
Did Shutdown Activate Autodialer?	N/A		
Inspected and Cleaned Pitot Tube(s)?	✓		
Chart Paper/Pens Replaced?	✓		
Other?			

Compound Maintenance

	Yes	No	Corrective Action
Compound Secure?	✓		
Any Debris?	✓		
Compound Cleaned?	✓		Pick up Trash
Prop 65 Sign Posted?	✓		
Emergency Contact Sign Posted?	✓		
Air Permit Posted?	✓		
Discharge Permit Posted?	N/A		
HASP Posted?	✓		
Fire Extinguisher on site? ·Date last serviced:	✓		

Completed By:

Date:

SECOR INTERNATIONAL INCORPORATED

FIELD REPORT

DATE 10/24/06 | PAGE 1 OF 1

FIELD OFFICE:

TO: A. Gratz

ATTN:

PROJECT NO. | TASK NO.

PROJECT CP-7004

LOCATION

WEATHER | TEMP.

CLIENT

SUBCONTRACTOR

DPE System hm = 15316.5 System up
hr0 = 591380

	Valve % open	FID	Sump Depth
RW-1	100%	7.1	1' off Bottom
MW-3	↓	29.2	Bottom
MW-5	↓	3.6	Bottom

Total System Flow = 79.9 Vac = 20.0 "Hg
Influent = 17.7
Effluent = 0.0

No samples taken only

Sampled hrs on MW-3 1115 Am
MW-5 1125
RW-1 1135

Shut system off Let Reclaim & then sample with disp Bailer

EQUIPMENT USED: 3 disp Bailers

MILEAGE:

COPIES TO:

SUBCONTRACTOR HOURS: STAFF HOURS:

PROJECT MANAGER:

REVIEWED BY:

PREPARED BY:

FIELD SERVICES REQUEST

ORMATION FORM | **San Leandro CP 7004-DPE System O&M**

Identification

Project #: _____

Station ID #: *CP 7004*

Site Address: *15555 Hesperian Boulevard*
San Leandro, CA 94579

Lab: *STL*

County: *Alameda*

Project Manager: *Thomas Potter*

Requester: *Adrian Perez*

Client: *ConocoPhillips*

Client P.O.C: *Thomas Kosel*

Date of Request: _____

Project Type

[X] Operation & Maintenance

[X] Sampling

[ ] 1st Time Visit

[ ] Quarterly
__ 1st __ 2nd __ 3rd __ 4th

[ ] Monthly

[ ] Semi-Monthly

[X] Weekly

[ ] One Time Event

[ ] Other:

Field Date: *Weekly*

Check Appropriate Category

[X] Budget Site Visit

[ ] Out of Budget Site Visit

Budget Hours: _____

Actual Hours: _____

Mob/de Mob: _____

Site Safety Concerns

Please Read HASP and conduct a tailgate meeting prior to beginning work.

Field Tasks General Description

1) Sample vapor system according to the following schedule.

	Wells	Influent	Effluent
TPHg/BTEX/MtBE (EPA 8015/8021)	Q	M	M
FID	M	W	W

EFF 1230
INF 1225
K/O 1245

A=Annual; M=Monthly;Q=Quarterly; W=Weekly

2) Submit Field Data Sheet to Adrian Perez Weekly.

3) Change chart in LEL chart recorder weekly. Return paper to Adrian Perez.

4) Change chart paper in temperature chart recorder as necessary.

Comments / Remarks from Field Staff

Completed By: 11-13 DH **Date:** _____

SECOR
International Incorporated

K:\Forms\Field Service Request.xls

77 CP67004.08.0009 Start up
.12 0005 TRV WEEKLY VISIT
.12 0003 CM SITE

MONTHLY - INF/EFF AIR
K/O WATER

Inf 9.0
Eff 9.2
K/O 7.9

DO NOT OPERATE PAST - Pending Permit To Operate

Part A: System Information

Soil Vapor Abatement Equipment: Solleco 350 TCAT (MTS) (Plant No. 13708)
Liquid Ring Blower: Travaini TRO400S
·(Maximum Flow Rate: 350 cfm; Maximum Vacuum: 28 inHg)
Baker Tank: 6500 Gal Tank w/ Secondary Containment
Propane Tank: Amerigas 1000 gallon Tank
Telemetry: NA
Electrical Power: Liquid Propane Generator
Supplemental Fuel: Propane Gas at 5 psi

Part B: Permit Information

Air Permit: Bay Area Air Quality Management District; Application No. 13031
Plant Number 13708

Conditions: ·VOC control efficiency > 98% (for influent >2000 ppmv)
·Minimum combustion temperature 1,400 °F
·Propane Gas meter reading obtained weekly.
·Estimated Percent Volume of Baker Tank weekly.
·Monthly effluent FID samples
·Benzene Emissions shall not exceed .25 lbs/day (6.4 lbs/year)
·Chart recorder is recording temperature at all times and changed as needed.

Part C: System Data

	Upon Arrival	Upon Departure
Date:	11-13	
Time:	1220	

General Data	Upon Arrival	Upon Departure
System Status (Up/Down):	UP	UP
Hourmeter Reading:	15794.0	
Totalizer Reading (gallons):	667400	
Estimated % Volume of Baker Tank(%):	70%	
Propane (x1000 ft³):	30%	
Blower Vacuum (inHg):	20	

Thermal Oxidizer Data	Upon Arrival	Upon Departure
Oxidizer Setpoint (°F):	1450	
Operating Temperature: (°F)	1450	
High Temp Setpoint: (°F)	1700	
Auto Dilution Set Point (°F)	1500	
Oxidizer Inlet Temperature: (°F)	1450	
Oxidizer Exhaust Temperature: (°F)	1402	

Soil Vapor Flow Data	Before Adjustment	After Adjustment
Well Field		
·Temperature (°F):	69.2	
·Vacuum (inHg):	20.0	
·Flow Rate (acfm):	79.3	
Dilution		
·% Open:		
·Temperature (°F):	0	
·Vacuum (inHg):		
·Flow Rate (acfm):		
Total System		
·Temperature (°F):	69.2	
·Vacuum (inHg):	20.0	
·Flow Rate (acfm):	79.3	
Effluent		
·Temperature (°F):	N	
·Pressure (inHg):	LA	
·Flow Rate (acfm):		

FID Data	Before Adjustment	After Adjustment
Well Field (ppmv):	9.0	
Dilution (ppmv):	0	
Total System (ppmv):	9.0	
Effluent (ppmv):	0.0	
Control Efficiency: (1-(FID Out/FID In))		

Part D: Troubleshooting (Complete if system down on arrival)

a: Give details of system status (why was system down?):

b: Give details of actions taken to correct problem:

Project Number:
77CP.67004.03.0006

Temporary DPE System-O&M
Well Data Sheet

CP 7004
15555 Hesperian Blvd
San Leandro, California

Well	FID	Valve Position	Manifold Vacuum (inHg)	System Vacuum (inHg)	Flow Rate (acfm)	Approximate GPM	Line Vacuum (inHg)	Casing Vacuum (inHg)	Slurp Tube Depth	DTP	*DTW*
Initial											
MW-3	9.1	100%	20	20	77.0	3.0	17.1	12.1	Bottom		
MW-5	9.0	"	"	"	"	"	17.2	12.0	"		
RW-1	9.0	"	"	"	"	"	17.5	11.9	"		
Final											
MW-3	9.1	100%									
MW-5	9.0	"									
RW-1	9.0	"									

Completed By:

Date:

System Maintenance

	Yes	No	Corrective Action
Leaks?		X	
Rattles?		X	
Excessive Noise? ·dB Reading:		X	
Indicator Lights Out?		X	
Any Faulty Gauges?		X	
Abnormal wear and tear?		X	
Blower Oil Low?		X	
Process Filter Dirty?		X	
Dilution Filter Dirty?		X	
Linkage and Bearings Greased?	X		
Bag Filters Replaced?	N/A		
System Automatic Shutdown Activated?	X		TOTO FLOATS, OK
Did Shutdown Activate Autodialer?	N/A		
Inspected and Cleaned Pitot Tube(s)?	X		
Chart Paper/Pens Replaced?	X		
Other?			

Compound Maintenance

	Yes	No	Corrective Action
Compound Secure?	X		
Any Debris?		X	
Compound Cleaned?	X		P.U. TRASH
Prop 65 Sign Posted?			
Emergency Contact Sign Posted?	X		
Air Permit Posted?	X		
Discharge Permit Posted?	N/A		
HASP Posted?	X		
Fire Extinguisher on site? ·Date last serviced:	X		

KIFF Analytical LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. _____

Page 1 of 2

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Diane Barclay	California EDF Report? ☐ Yes ☐ No
Company / Address: SECOR International Inc; 3017 Kilgore Road Suite 100, Rancho Cordova, CA 95670	Sampling Company Log Code:
Phone #: (916) 861-0400 ext.300 / Fax #: (916) 861-0430	Global ID:
Project #: CP 7004 / P.O. #: 77CP.01631.02.2060	EDF Deliverable To (Email Address): dbarclay@secor.com
Project Name: Temporary DPE System	Sampler Signature:
Project Address: 15555 Hesperian Boulevard, San Leandro,CA 94579	

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☒ 1 wk

For Lab Use Only

Sample Designation	Field Point Name	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Tedlar	Preservative: None	Preservative: HCl	Matrix: Water	Matrix: Air	Analysis Request: 8260B-TPHg/BTEX/MTBE
INF		1/13/06	1225	✓			✓		Y	X
EFF		"	1230	✓			✓		Y	Y
KO		"	1240		✓	✓		Y		Y

Relinquished by:	Date	Time	Received by:
	1/13/06	3:00	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	111306	1530	Robbs Kiff Analytical

Remarks:

Required Reporting Limit: <10 ppm (v)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Copy - Originator
Rev: 051805

SECOR

SECOR INTERNATIONAL INCORPORATED

FIELD REPORT

FIELD OFFICE: 77

DATE: 11-21-06

PAGE: 1 OF 1

PROJECT NO.:

TASK NO.:

TO: A. Perez

PROJECT: CP 7004 IRC

LOCATION:

ATTN:

WEATHER:

TEMP.:

CLIENT:

SUBCONTRACTOR:

System up

Hour M 15994.7

Hz0 683450

INF 10.1

EFF 0.0

	Valve	Slurp Depth	FID
RW-1	100%	5' off Bottom	7.2
MW-3	↓	21	10.9
MW-5	↓	21	9.2

System check All OK

Brian D.

EQUIPMENT USED:

MILEAGE:

COPIES TO:

SUBCONTRACTOR HOURS: STAFF HOURS:

PROJECT MANAGER:

REVIEWED BY:

PREPARED BY:

FIELD SERVICES REQUEST

SITE INFORMATION FORM	San Leandro CP 7004 DPE System O&M

Identification

Project #: _____

Station ID #: *CP 7004*

Site Address: *15555 Hesperian Boulevard*
San Leandro, CA 94579

Lab: *STL*

County: *Alameda*

Project Manager: *Thomas Potter*

Requester: *Adrian Perez*

Client: *ConocoPhillips*

Client P.O.C: *Thomas Kosel*

Date of Request: 12/2/06

Project Type

- [X] Operation & Maintenance
- [X] Sampling
- [ ] 1st Time Visit
- [ ] Quarterly
  - __ 1st __ 2nd __ 3rd __ 4th
- [ ] Monthly
- [ ] Semi-Monthly
- [X] Weekly
- [ ] One Time Event
- [ ] Other:

Field Date: *Weekly* 12/7

Check Appropriate Category

- [X] Budget Site Visit
- [ ] Out of Budget Site Visit

Budget Hours: _____

Actual Hours: _____

Mob/de Mob: _____

Site Safety Concerns

Please Read HASP and conduct a tailgate meeting prior to beginning work.

Field Tasks General Description

1) Sample vapor system according to the following schedule.

	Wells	Influent	Effluent
TPHg/BTEX/MtBE (EPA 8015/8021)	Q	M	M
FID	M	W	W

A=Annual; M=Monthly;Q=Quarterly; W=Weekly

2) Submit Field Data Sheet to Adrian Perez Weekly.

3) Change chart in LEL chart recorder weekly. Return paper to Adrian Perez.

4) Change chart paper in temperature chart recorder as necessary.

Comments / Remarks from Field Staff

Completed By: AH **Date:** 12-7-06

SECOR International Incorporated

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77 CP67004.08.0009 Start up
.12 0005 TRV WEEKLY VISIT
.12 0003 CM SITE

MONTHLY - INF/EFF AIR
K/O WATER

DO NOT OPERATE PAST - Pending Permit To Operate

Part A: System Information

Soil Vapor Abatement Equipment: Solleco 350 TCAT (MTS) (Plant No. 13708)
Liquid Ring Blower: Travaini TRO400S
·(Maximum Flow Rate: 350 cfm; Maximum Vacuum: 28 inHg)
Baker Tank: 6500 Gal Tank w/ Secondary Containment
Propane Tank: Amerigas 1000 gallon Tank
Telemetry: NA
Electrical Power: Liquid Propane Generator
Supplemental Fuel: Propane Gas at 5 psi

Part B: Permit Information

Air Permit: Bay Area Air Quality Management District; Application No. 13031
Plant Number 13708

Conditions: ·VOC control efficiency > 98% (for influent >2000 ppmv)
·Minimum combustion temperature 1,400 °F
·Propane Gas meter reading obtained weekly.
·Estimated Percent Volume of Baker Tank weekly.
·Monthly effluent FID samples
·Benzene Emissions shall not exceed .25 lbs/day (6.4 lbs/year)
·Chart recorder is recording temperature at all times and changed as needed.

Part C: System Data

	Upon Arrival	Upon Departure
Date:		12-7
Time:		9:30 AM

General Data	Upon Arrival	Upon Departure
System Status (Up/Down):		UP
Hourmeter Reading:		16367.9
Totalizer Reading (gallons):		717876
Estimated % Volume of Baker Tank(%):		20%
Propane (x1000 ft³):		50%
Blower Vacuum (inHg):		24

Completed By: Date:

Thermal Oxidizer Data	Upon Arrival	Upon Departure
Oxidizer Setpoint (°F):		1450
Operating Temperature: (°F)		1451
High Temp Setpoint: (°F)		1550
Auto Dilution Set Point (°F)		1485
Oxidizer Inlet Temperature: (°F)		~~1267~~ 1451
Oxidizer Exhaust Temperature: (°F)		1267

Soil Vapor Flow Data	Before Adjustment	After Adjustment
Well Field		
·Temperature (°F):		67.2
·Vacuum (inHg):		24
·Flow Rate (acfm):		66.1
Dilution		
·% Open:		0
·Temperature (°F):		X
·Vacuum (inHg):		
·Flow Rate (acfm):		
Total System		
·Temperature (°F):		67.2
·Vacuum (inHg):		24
·Flow Rate (acfm):		66.1
Effluent		
·Temperature (°F):		X
·Pressure (inHg):		
·Flow Rate (acfm):		

FID Data	Before Adjustment	After Adjustment
Well Field (ppmv):		20.1
Dilution (ppmv):		~~0~~
Total System (ppmv):		20.1
Effluent (ppmv):		0.0
Control Efficiency: (1-(FID Out/FID In))		

Part D: Troubleshooting (Complete if system down on arrival)

a: Give details of system status (why was system down?):

b: Give details of actions taken to correct problem:

Project Number:
77CP.67004.03.0006

Temporary DPE System-O&M
Well Data Sheet

CP 7004
15555 Hesperian Blvd
San Leandro, California

Well	FID	Valve Position	Manifold Vacuum (inHg)	System Vacuum (inHg)	Flow Rate (acfm)	Approximate GPM	Line Vacuum (inHg)	Casing Vacuum (inHg)	Slurp Tube Depth	DTP	*DTW*
Initial											
MW-3	22.5	100%	20	21	73.2	1.0	19	15	Bottom		
MW-5	0.0	↓	20	21	↓	1.0	19	14	↓		
RW-1	0.0	↓	20	21	↓	1.0	19	14	↓		
Final											
MW-3	20.2	100	23	24	66.1	1.0	21	17	Bottom		
MW-5	0	10	3	↓	↓	Mist	2	1	4' approach		
RW-1	0	10	3	↓	↓	↓	2	1	4' ↓		

Completed By:

Date:

Project Number:
77CP.67004.03.0006

Temporary DPE System-O&M
Maintenance Data

CP 7004
15555 Hesperian Blvd
San Leandro, California

System Maintenance

	Yes	No	Corrective Action
Leaks?		✓	
Rattles?		✓	
Excessive Noise? ·dB Reading:		✓	
Indicator Lights Out?		✓	
Any Faulty Gauges?		✓	
Abnormal wear and tear?		✓	
Blower Oil Low?	✓		Add 1 q
Process Filter Dirty?	✓	✓	
Dilution Filter Dirty?	✓	✓	
Linkage and Bearings Greased?	✓		
Bag Filters Replaced?	N/A		
System Automatic Shutdown Activated?	✓		Test Floats Oil Tank & WO
Did Shutdown Activate Autodialer?	N/A		
Inspected and Cleaned Pitot Tube(s)?	✓		
Chart Paper/Pens Replaced?	✓		
Other?			

Compound Maintenance

	Yes	No	Corrective Action
Compound Secure?	X		
Any Debris?		X	
Compound Cleaned?	X		Trash
Prop 65 Sign Posted?	X		
Emergency Contact Sign Posted?	X		
Air Permit Posted?	X		
Discharge Permit Posted?	X		
HASP Posted?	X		
Fire Extinguisher on site? ·Date last serviced:	X		

Completed By:

Date:

KIFF Analytical LLC

2795 2nd Street Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. _____

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Diane Barclay	California EDF Report? ☒ Yes ☐ No
Company / Address: SECOR International Inc; 3017 Kilgore Road Suite 100, Rancho Cordova, CA 95670	Sampling Company Log Code:
Phone #: (916) 861-0400 ext.300 / Fax #: (916) 861-0430	Global ID:
Project #: CP 7004 / P.O. #: 77CP.01631.02.2060	EDF Deliverable To (Email Address): dbarclay@secor.com
Project Name: Temporary DPE System	Sampler Signature:
Project Address: 15555 Hesperian Boulevard, San Leandro,CA 94579	

Sample Designation	Field Point Name	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: Tedlar	Preservative: None	Preservative: HCl	Matrix: Water	Matrix: Air	Analysis Request: 8260B-TPHg/BTEX/MTBE	TAT	For Lab Use Only
INF		12/7/06	1105		X	X			X	X	12 hr	
EFF		↓	1102		X	X			X	X	12 hr	
KO		↓	1005	X			X	X		X	12 hr	

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72 hr ☒ 1 wk

Relinquished by:	Date	Time	Received by:
	12/7/06	330	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	120706	1530	Kiff Analytical

Remarks:

Required Reporting Limit: <10 ppm (v)

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant: Present Yes / No

Distribution: White - Lab; Copy - Originator
Rev: 051805

Adrian → 530-219-3235

Project Number: 77CP.67004.03.0006

Temporary DPE System-O&M
Field Data Sheet

CP 7004
15555 Hesperian Blvd
San Leandro, California

DO NOT OPERATE PAST - Pending Permit To Operate

Part A: System Information

Soil Vapor Abatement Equipment: Solleco 350 TCAT (MTS) (Plant No. 13708)
Liquid Ring Blower: Travaini TRO400S
·(Maximum Flow Rate: 350 cfm; Maximum Vacuum: 28 inHg)
Baker Tank: 6500 Gal Tank w/ Secondary Containment
Propane Tank: Amerigas 1000 gallon Tank
Telemetry: NA
Electrical Power: Liquid Propane Generator
Supplemental Fuel: Propane Gas at 5 psi

Part B: Permit Information

Air Permit: Bay Area Air Quality Management District; Application No. 13031
Plant Number 13708

Conditions: ·VOC control efficiency > 98% (for influent >2000 ppmv)
·Minimum combustion temperature 1,400 °F
·Propane Gas meter reading obtained weekly.
·Estimated Percent Volume of Baker Tank weekly.
·Monthly effluent FID samples
·Benzene Emissions shall not exceed .25 lbs/day (6.4 lbs/year)
·Chart recorder is recording temperature at all times and changed as needed.

Part C: System Data

	Upon Arrival	Upon Departure
Date: 12-19-06	12-19-06 →	
Time: 1235	1235	

General Data	Upon Arrival	Upon Departure
System Status (Up/Down):	Down	UP
Hourmeter Reading:	105905	105909
Totalizer Reading (gallons):	136470	
Estimated % Volume of Baker Tank(%):	10%	10%
Propane (x1000 ft^3):	70%	70%
Blower Vacuum (inHg):		

Thermal Oxidizer Data	Upon Arrival	Upon Departure
Oxidizer Setpoint (°F):	1460	
Operating Temperature: (°F)	1435	
High Temp Setpoint: (°F)	1550	1550
Auto Dilution Set Point (°F)	1455	
Oxidizer Inlet Temperature: (°F)		
Oxidizer Exhaust Temperature: (°F)		

Soil Vapor Flow Data	Before Adjustment	After Adjustment
Well Field		
·Temperature (°F):		
·Vacuum (inHg):		
·Flow Rate (acfm):		
Dilution		
·% Open:		
·Temperature (°F):		
·Vacuum (inHg):		
·Flow Rate (acfm):		
Total System		
·Temperature (°F):		
·Vacuum (inHg):		
·Flow Rate (acfm):		
Effluent		
·Temperature (°F):		
·Pressure (inHg):		
·Flow Rate (acfm):		

FID Data	Before Adjustment	After Adjustment
Well Field (ppmv):		
Dilution (ppmv):		
Total System (ppmv):		
Effluent (ppmv):		
Control Efficiency: (1-(FID Out/FID In))		

Part D: Troubleshooting (Complete if system down on arrival)

a: Give details of system status (why was system down?):

FUSE BLEW INSIDE. changed FUSE. NOTICED WIRES IN L.2.06 FRIED. cut & Replaced WIRES SYSTEM WAS Running.

b: Give details of actions taken to correct problem:

changed fuse, Replaced wires

Project Number:
77CP.67004.03.0006

Temporary DPE System-O&M
Maintenance Data

CP 7004
15555 Hesperian Blvd
San Leandro, California

System Maintenance

	Yes	No	Corrective Action
Leaks?		✓	
Rattles?		✓	
Excessive Noise? ·dB Reading:		✓	
Indicator Lights Out?		✓	
Any Faulty Gauges?		✓	
Abnormal wear and tear?	✓		WIRES IN L. RING
Blower Oil Low?	✓		L.R OIL LOW
Process Filter Dirty?		✓	
Dilution Filter Dirty?		✓	
Linkage and Bearings Greased?	✓		
Bag Filters Replaced?	N/A		
System Automatic Shutdown Activated?	✓		
Did Shutdown Activate Autodialer?	✓		
Inspected and Cleaned Pitot Tube(s)?			
Chart Paper/Pens Replaced?		✓	
Other?			

Compound Maintenance

	Yes	No	Corrective Action
Compound Secure?	✓		
Any Debris?		✓	
Compound Cleaned?	✓		
Prop 65 Sign Posted?	✓		
Emergency Contact Sign Posted?	✓		
Air Permit Posted?	✓	✓	
Discharge Permit Posted?		✓	
HASP Posted?	✓		
Fire Extinguisher on site? ·Date last serviced:	✓		

Project Number:
77CP.67004.03.0006

Temporary DPE System-O&M
Well Data Sheet

CP 7004
15555 Hesperian Blvd
San Leandro, California

Well	FID	Valve Position	Manifold Vacuum (inHg)	System Vacuum (inHg)	Flow Rate (acfm)	Approximate GPM	Line Vacuum (inHg)	Casing Vacuum (inHg)	Slurp Tube Depth	DTP	*DTW*
Initial											
MW-3											
MW-5											
RW-1											
Final											
MW-3											
MW-5											
RW-1											

Completed By:

Date:

ATTACHMENT 3
VEOLIA TRANSPORTATION LOG

Quarterly Status and Remediation Summary Report – Fourth Quarter 2006
Former 76 Service Station No. 7004
15599 Hesperian Boulevard
San Leandro, California
SECOR Project No.: 77CP.01631.00.0304
March 15, 2007

Site #:	**257004**
Address:	15599 Hesperian Blvd.
Conoco Contact:	Thomas Kosel
Consultant:	SECOR, Diane Barclay

VEOLIA TRANSPORTATION LOG

Summary of Gallons Transported

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2006	0	0	19,500	50,000	0	66,200	85,100	114,500	87,700	#######	71,700	57,100	663,800

Detail

Date	Gallons	Comments
3/28/2006	5000	
3/29/2006	6500	
3/30/2006	4000	
3/31/2006	4000	
4/1/2006	4000	
4/5/2006	3000	
4/7/2006	3500	
4/8/2006	3500	
4/9/2006	4500	
4/10/2006	4000	
4/11/2006	5000	
4/12/2006	5500	
4/13/2006	5500	
4/14/2006	5000	
4/15/2006	5000	
4/16/2006	1500	
6/1/2006	5500	
6/5/2006	5000	
6/7/2006	5400	
6/12/2006	5400	
6/19/2006	1000	
6/20/2006	1000	
6/21/2006	5000	
6/22/2006	5000	
6/23/2006	5000	
6/24/2006	5400	
6/25/2006	4000	
6/26/2006	1500	
6/27/2006	4000	
6/28/2006	5000	
6/29/2006	4000	
6/30/2006	4000	
7/1/2006	5000	
7/2/2006	5000	
7/3/2006	5000	
7/5/2006	5000	
7/6/2006	5000	
7/7/2006	5000	
7/9/2006	5000	
7/10/2006	5000	
7/11/2006	8500	
7/14/2006	4200	
7/15/2006	4200	
7/18/2006	2400	
7/19/2006	5000	
7/20/2006	3500	
7/21/2006	5000	

Site #:	**257004**
Address:	15599 Hesperian Blvd.
Conoco Contact:	Thomas Kosel
Consultant:	SECOR, Diane Barclay

VEOLIA TRANSPORTATION LOG

Summary of Gallons Transported

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2006	0	0	19,500	50,000	0	66,200	85,100	114,500	87,700	#######	71,700	57,100	663,800

Detail

Date	Gallons	Comments
3/28/2006	5000	
3/29/2006	6500	
7/22/2006	2400	
7/23/2006	2400	
7/24/2006	5000	
7/25/2006	2500	
8/2/2006	4000	
8/3/2006	3500	
8/4/2006	3000	
8/5/2006	3500	
8/6/2006	3000	
8/7/2006	3000	
8/8/2006	3000	
8/9/2006	4500	
8/10/2006	4000	
8/11/2006	5000	
8/12/2006	5000	
8/13/2006	5000	
8/14/2006	4500	
8/15/2006	5000	
8/16/2006	5000	
8/17/2006	4500	
8/18/2006	4500	
8/19/2006	4500	
8/20/2006	4500	
8/21/2006	5000	
8/22/2006	5000	
8/23/2006	4500	
8/24/2006	4500	
8/25/2006	4000	
8/26/2006	3000	
8/30/2006	5000	
8/31/2006	4500	
9/1/2006	2400	
9/2/2006	4000	
9/3/2006	2400	
9/4/2006	2400	
9/5/2006	3500	
9/6/2006	2500	
9/7/2006	3000	
9/8/2006	4000	
9/9/2006	3000	
9/10/2006	3000	
9/11/2006	3500	
9/12/2006	4000	
9/13/2006	4000	
9/14/2006	3500	

Site #:	**257004**
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Detail

Date	Gallons	Comments
3/28/2006	5000	
3/29/2006	6500	
9/15/2006	3500	
9/16/2006	3500	
9/17/2006	3500	
9/18/2006	4000	
9/19/2006	4000	
9/20/2006	4000	
9/21/2006	3000	
9/22/2006	3000	
9/23/2006	6500	
9/26/2006	3000	
9/30/2006	4500	
10/1/2006	4000	
10/2/2006	3500	
10/3/2006	4000	
10/4/2006	2500	
10/5/2006	4000	
10/7/2006	3000	
10/8/2006	3500	
10/9/2006	3000	
10/10/2006	3000	
10/11/2006	4000	
10/12/2006	2500	
10/13/2006	3000	
10/14/2006	3000	
10/15/2006	2500	
10/16/2006	3000	
10/17/2006	3000	
10/18/2006	4000	
10/19/2006	4000	
10/20/2006	16000	
10/21/2006	3000	
10/22/2006	3000	
10/23/2006	4000	
10/24/2006	5000	
10/26/2006	5000	
10/27/2006	3000	
10/28/2006	3000	
10/29/2006	4000	
10/30/2006	3000	
10/31/2006	3500	
11/1/2006	4000	
11/2/2006	4000	
11/3/2006	3000	
11/4/2006	3000	
11/5/2006	3500	

Site #:	**257004**
Address:	15599 Hesperian Blvd.
Conoco Contact:	Thomas Kosel
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VEOLIA TRANSPORTATION LOG

Summary of Gallons Transported

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2006	0	0	19,500	50,000	0	66,200	85,100	114,500	87,700	#######	71,700	57,100	663,800

Detail

Date	Gallons	Comments
3/28/2006	5000	
3/29/2006	6500	
11/6/2006	3000	
11/7/2006	3500	
11/8/2006	3000	
11/9/2006	3500	
11/10/2006	2200	
11/11/2006	3500	
11/12/2006	3000	
11/13/2006	3000	
11/14/2006	2500	
11/15/2006	2500	
11/16/2006	2500	
11/21/2006	3000	
11/22/2007	2000	
11/24/2006	5000	
11/25/2006	2500	
11/26/2006	2500	
11/27/2006	3000	
11/28/2006	2000	
11/29/2006	2000	
12/2/2006	4000	
12/3/2006	1000	
12/5/2006	4000	
12/7/2006	3000	
12/8/2006	2000	
12/9/2006	2000	
12/12/2006	5000	
12/14/2006	3000	
12/16/2006	3000	
12/17/2006	3000	
12/20/2006	2800	
12/21/2006	2500	
12/22/2006	3150	
12/23/2006	3150	
12/24/2006	5000	
12/26/2006	5500	
12/27/2006	5000	