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"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct.

Submitted by:

Paul Supple
Environmental Business Manager

SECOR

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March 20, 2006

Mr. Don Hwang
Alameda County Environmental Health Department
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RE: **Quarterly Groundwater Monitoring Report – Fourth Quarter 2005**
76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California
SECOR Project Nos.: 77BP.50126.00.0436/77CP.60126.01.0003

Dear Mr. Hwang:

On behalf of Atlantic Richfield Company (a BP affiliated company) and ConocoPhillips, SECOR International Incorporated (SECOR) provides this quarterly groundwater monitoring report which summarizes the results of the fourth quarter 2005 groundwater monitoring event at the site referenced above (Figure 1). A brief site background, a summary of historical investigations and remedial action, and a quarterly monitoring and sampling status report are presented below.

SITE BACKGROUND

The site is located on the northwest corner of Powell Street and Christie Avenue in Emeryville, California (Figure 1), and is currently utilized as a retail gasoline service station. Three single-walled, fiberglass, gasoline underground storage tanks (USTs), associated product lines, two dispenser islands, a station building, and a convenience store are present at the site. The three unleaded gasoline USTs, consisting of one 12,000-gallon UST, one 10,000-gallon UST, and one 6,000-gallon UST, were installed in 1982 (State Water Resources Control Board [SWRCB], 1992).

The properties in the vicinity of the site are a mixture of industrial and commercial developments. South of the site and across Powell Street is Powell Street Plaza, a retail commercial development with a number of groundwater monitoring wells on-site and around its perimeter. Immediately east of Powell Street Plaza and approximately 1,000 feet southeast of the site are monitoring wells installed in the immediate vicinity of Harcros Pigments, located at 4650 Shell Mound Street. The area surrounding the site was historically used for industrial purposes before being developed into a shopping center.

PREVIOUS INVESTIGATIONS AND REMEDIAL ACTION

A soil gas survey was conducted on April 10, 1989 by Target Environmental Services, Inc. (TES) on behalf of Mobil Oil Corporation (Mobil) prior to the transfer of ownership of the property to BP. Soil gas samples were collected from 19 sampling points at an

approximate depth of four feet below ground surface (bgs) across the site. Results indicated that gasoline may have entered the site subsurface at the pump islands, UST complex, or along the product supply lines. Total volatile hydrocarbons were detected in soil vapor using a flame-ionization detector (FID) at concentrations up to 932,000 micrograms per Liter (µg/L), with the highest detections detected in the vicinity of the pump islands and east of the USTs (TES, *Soil Gas Survey*, April 1989).

On April 24, 1989, one 550-gallon waste oil UST was removed from the site, and was replaced with a suspected 1,000-gallon waste oil UST in a separate excavation. A soil sample collected from beneath the UST (seven feet bgs) and sidewalls (nine feet bgs, approximately six inches above groundwater) of the initial waste oil UST excavation contained total oil and grease (TOG), total petroleum hydrocarbons as diesel (TPHd), and total petroleum hydrocarbons as gasoline (TPHg) up to concentrations of 340 parts per million (ppm), 27 ppm, and 9.6 ppm, respectively. A capillary fringe soil sample (six inches above groundwater) collected on April 27, 1989 from the sidewall of the new waste oil UST excavation, located approximately 20 feet south of the former waste oil UST location, contained TOG and TPHd at respective concentrations of 10,000 ppm and 370 ppm. An *Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report* dated May 2, 1989 documenting the past occurrence of a release of unknown quantity was subsequently submitted to Alameda County Environmental Health Department (ACEHD), Hazardous Materials Division (EMCON, *Baseline Assessment Report*, December 27, 1994).

In October 1992, Alisto Engineering (Alisto) performed a preliminary site assessment to investigate the extent of petroleum hydrocarbon impacts beneath the site. Eight soil borings (B-1 through B-3, B-4A, B-4B, B-4, B-5A, and B-5) were advanced to depths ranging from four feet to 20 feet bgs. Auger refusal was encountered during the drilling of borings B-1, B-4A, B-4B, and B-5A; and borings B-2 through B-5 were converted to monitoring wells MW-1 through MW-4, respectively. Soil samples collected to a depth of 5.5 feet bgs from the borings advanced in the immediate vicinity of the USTs and dispenser islands contained TPHg and benzene at maximum concentrations of 280 ppm and 0.94 ppm, respectively. Groundwater samples collected from the wells in November 1992 contained elevated concentrations of TPHg (12,000 parts per billion [ppb]) and benzene (3,900 ppb). Groundwater from well MW-3 contained TPHd at 690 ppb. The direction of groundwater flow was established toward the southwest (Alisto, *Supplemental Site Investigation Report*, April 8, 1994).

In September 1993, Alisto supervised the installation of five additional groundwater monitoring wells (MW-5 through MW-9). Soil samples collected from approximately 4.5 feet bgs from borings MW-5 and MW-9 contained TPHg and benzene, toluene, ethylbenzene, and xylenes (BTEX) up to respective concentrations of 4,600 ppm, 76 ppm, 330 ppm, 130 ppm, and 420 ppm. The highest concentrations of petroleum hydrocarbons were found in groundwater from well MW-2; maximum concentrations of TPHg and benzene were detected at 4,500 µg/L and 3,400 µg/L, respectively. Well MW-9, which is located in the area of the product dispensers contained liquid phase hydrocarbons (LPH) at an initial thickness of 0.08 feet. A product recovery canister was subsequently installed to assist in the removal of LPH from beneath the site. The direction of groundwater flow was generally toward the east to southeast. Off-site sources identified in the site vicinity included former

Pabco Products, a paint, roofing, and floor coverings manufacturing facility, which stored oil in aboveground storage tanks (ASTs) at the site (located on and northeast of the site); former Auto Freight Depot (southeast corner of Shellmound Road and Powell Street, approximately 450 feet east of the site); former Truck Repair Shop (approximately 480 feet east to southeast of the site), which stored diesel and gasoline in ASTs; and former Pacific Intermountain Express Truck Terminal (approximately 440 feet southeast of the site), which utilized ASTs and USTs.

In October 1994, EMCON conducted a supplementary site assessment to establish baseline subsurface conditions prior to the purchase of the site by Tosco Corporation (Tosco, now ConocoPhillips) from BP. Three soil borings (THP-1, TB-2 and THP-3, and also respectively referred to as TB-1, TB-2 and TB-3) were advanced on-site using cone penetrometer testing (CPT) equipment. Refusal was encountered in TB-2 and TPH-3 at 10 feet and 4.5 feet bgs, respectively. Soil samples from borings THP-1 and THP-3 contained TPHg and benzene up to 290 ppm and 1.6 ppm, respectively; TPHd was detected in soil from THP-1 (33 ppm); and TOG was detected in the 4.5-foot sample from THP-3 (1,800 ppm). Hydropunch groundwater samples from borings THP-1 and THP-3 contained concentrations of TPHg up to 4,600 ppb, and benzene up to 800 ppb. TOG (3,300 ppb), trans-1,2-dichloroethane (DCE, 2.4 ppb), cis-1,2-DCE (41 ppb), and 1,2-dichloroethane (1,2-DCA, 6.4 ppb) were also detected in the groundwater sample from boring THP-1. EMCON personnel returned to the site on December 5, 1994 to inspect the fuel dispensers for the presence of spill containment boxes, and for indications of leakage. No spill containment boxes were in place, and staining was observed beneath the northeast and southwest fuel dispensers. Photo-ionization detector (PID) readings collected from backfill material beneath the dispensers indicated the presence of volatile organic compounds (VOCs) ranging from 27 ppm to 1,063 ppm. Grab soil samples collected from beneath the fuel dispensers (TD-1, TD-2, TD-3 and TD-4) indicated the presence of TPHg and TPHd up to concentrations of 1,400 ppm and 4,600 ppm, respectively (EMCON, *Baseline Assessment Report*, December 27, 1994).

In February 1995, Alisto performed baildown testing at the site. Using the Aqtesolv groundwater modeling program (Geraghty and Miller, 1991), the average hydraulic conductivity (K) and transmissivity (T) were estimated at 5.97E-05 centimeters per second (cm/sec), and 1.16E-06 square meters per second, respectively. The calculated K value was consistent with the expected K values for the soil type encountered beneath the site (1×10^{-1} to 10^{-6} cm/sec), which consisted predominantly of silty clay containing interbedded layers of sand (Alisto, *Baildown Test Results*, February 10, 1995).

In April 1999, Environmental Resolutions Inc. (ERI) performed a five-day soil vapor extraction (SVE) test at the site (ERI, 1999). UST backfill wells (TP-1 and TP-2) were used for SVE, and wells MW-1, MW-2, and MW-4 were utilized as observation wells. Results of vapor samples from well TP-1 indicated a decrease in methyl tertiary butyl ether (MtBE) concentrations from an initial concentration of 4,820 µg/L to 300 µg/L during the test. TPHg concentrations also decreased from an initial concentration of 12,800 µg/L to 464 µg/L during the test. ERI estimated that approximately 21.5 pounds of TPHg and 16.7 pounds of MtBE were removed by SVE. SVE flow rates ranged from 88 to 98 standard cubic feet per minute (scfm) at an applied vacuum of 12 inches of mercury. No effective radius of

influence was measured in native soil outside the UST backfill (ERI, *Extended Soil Vapor Extraction Test Report*, July 20, 1999).

Following the performance of the SVE test by ERI, SECOR observed the removal of one 550-gallon, fiberglass, waste oil UST, along with a clarifier and two hoists (Hoist No. 1 and Hoist No. 2) from the former service bays as part of site remodeling activities on April 28, 1999. The waste oil UST and Hoist No. 2, were removed from two separate excavations, and the clarifier and Hoist No. 1 were removed from another excavation. One soil sample (OILT-1) from the waste oil UST excavation contained TPHg (180 milligrams per kilogram [mg/kg]), benzene (0.19 mg/kg), TPHd (370 mg/kg), and total petroleum hydrocarbons as motor oil (TPHmo, 7,000 mg/kg). A grab groundwater sample collected from 7.5 feet bgs from the waste oil UST excavation contained TPHd (560 µg/L), TPHmo (710 µg/L), benzene (10 µg/L), and MtBE (2,400 µg/L). Soil samples were collected from beneath the former clarifier (four feet bgs), former Hoist No. 1 (eight feet bgs), and the former Hoist No. 2 (eight feet bgs); TPHg, TPHd, TPHmo, benzene, and lead were detected at maximum respective concentrations of 3.0 mg/kg (clarifier), 870 mg/kg (Hoist No. 1), 4,200 mg/kg (Hoist No. 1), 0.013 mg/kg (clarifier), and 22,000 mg/kg (clarifier). MtBE was not detected in soil from the excavations (SECOR, *Removal of Waste Oil UST, Hoists No. 1 and No. 2 and Clarifier Sump*, June 29, 1999).

Based on the presence of petroleum hydrocarbons in soil, the clarifier and hoist areas were over-excavated on May 7, 1999. Soil samples collected from the clarifier excavation at five feet bgs, and the hoist excavations at five feet bgs contained concentrations of TPHg up to 1,200 mg/kg (Hoist No. 1), TPHd up to 1,200 mg/kg (Hoist No. 1), TPHmo up to 5,000 mg/kg (Hoist No. 1), and lead up to 410 mg/kg (clarifier). Over-excavation confirmation soil samples were not analyzed for the presence of BTEX and other metals. A composite sample collected from the pea gravel was also analyzed for the presence of petroleum hydrocarbons; based on the relatively minor levels of TPHd and TPHmo, relatively low to non-detectable levels of BTEX, and non-detectable concentrations of MtBE, the excavated pea gravel was used as backfill for the waste oil UST excavation. Approximately 17.41 tons of soil were removed from the site as a result of the initial excavation and over-excavation activities (SECOR, *Removal of Waste Oil UST, Hoists No. 1 and No. 2 and Clarifier Sump*, June 29, 1999).

On March 28 and 30, 2001, Gettler-Ryan Incorporated (GRI) oversaw the removal and replacement of product lines, dispensers, and the station canopy. During the removal of the product lines, petroleum hydrocarbon-stained soil and odors were observed within the excavated trench. The entire length of the former product line trench was subsequently over-excavated an additional 1.5 feet to 3.5 feet bgs prior to sampling, resulting in the removal of approximately 150 cubic yards of soil from beneath the site. The former trenches were backfilled with clean, imported backfill as it was discovered that the former trenches were not suitable for re-use due to insufficient grading. An additional 100 cubic yards of soil were excavated to accommodate the new product lines. A total of 13 confirmation soil samples were collected from product line, dispenser and trench excavations by SECOR from the initial excavation and following over-excavation of soil. TPHg and TPHd were detected in the 13 samples at concentrations up to 5,300 mg/kg and 630 mg/kg in the initial excavation soil samples, respectively. The highest concentrations of petroleum hydrocarbons were detected in a 3.5-foot soil sample from a former product line

location near well MW-9. MtBE was detected in 12 of the 13 samples up to 8.4 mg/kg. A total of 400 cubic yards of soil were removed from the site, and approximately 15,000 gallons of groundwater were removed from beneath the site during the dewatering of the UST cavity (SECOR, *Removal and Replacement of Product Lines, Dispensers and Canopy*, May 4, 2001).

Between June and October 2004 in accordance with their July 11, 2003 *Interim Remedial Action and Off-Site Assessment Workplan* and the April 20, 2004 *Modifications to Interim Remedial Action and Offsite Assessment Work Plan*, URS Corporation (URS) implemented biweekly groundwater batch extraction at the site utilizing a vacuum truck (URS, *Off-Site Soil and Water Investigation Report*, June 15, 2005). Over this time period, groundwater was periodically extracted from wells MW-1, MW-2, MW-4, MW-8, and MW-9, which resulted in the removal of approximately 125 gallons of groundwater. Due to the limited groundwater recovery and the slow recharge of groundwater levels in the wells, URS discontinued groundwater batch extraction upon approval of Alameda County Health Care Services Agency (ACHCSA). Based on information within the Regional Water Quality Control Board – San Francisco Bay Region's (RWQCB-SFBR) June 1999 *East Bay Plain Groundwater Basin Beneficial Use Evaluation Report* classifying the area of the site as a Zone B Groundwater Management Zone, an area where groundwater is unlikely to be used as a drinking water source and monitored natural attenuation (MNA) was the recommended remedial alternative based on this designation, URS recommended the submittal of a corrective action plan (CAP) proposing MNA as a potential remedial option for the site (URS, *Discontinuation of Interim Remedial Action, ACEH Case #RO0000066*, October 7, 2004).

In June 2005, URS supervised the installation of two off-site, downgradient groundwater monitoring wells (MW-10 and MW-11) on the Powell Street Plaza property, located south of the site. Soil samples from both of the borings at depths of seven feet bgs (MW-10), and 18 and 23.5 feet bgs did not contain petroleum hydrocarbons or fuel oxygenates at or above laboratory method reporting limits (MRLs). With the exception of a concentration of MtBE in well MW-10 (1.5 µg/L), petroleum hydrocarbons and fuel oxygenates were not detected in groundwater from the wells. The direction of groundwater flow was toward the southwest at a calculated hydraulic gradient of 0.02 feet per foot (ft/ft). URS concluded that the off-site, lateral extent of dissolved impacts had been delineated during this investigation. URS again recommended the submittal of a CAP that will include an outline of possible remedial alternatives, and a proposal for implementing a selected remedial strategy based on the evaluation of historical and current subsurface site conditions, and the past performance of remedial feasibility testing and interim remedial action at the site (URS, *Off-Site Soil and Water Investigation Report*, June 15, 2005).

SENSITIVE RECEPTOR SURVEY

A sensitive receptor survey was initially performed by Alisto during site assessment activities in October 1992. The results of the survey indicated the presence of a surface water body within 1,000 feet of the site. Alisto further indicated that the aquifer beneath the site was not a potential source of drinking water (EMCON, *Baseline Assessment Report*, December 27, 1994).

QUARTERLY MONITORING AND SAMPLING STATUS REPORT

Completed Activities –Fourth Quarter 2005

- SECOR performed groundwater monitoring and sampling of wells MW-1 through MW-11 on December 28, 2005.
- On September 15, 2005, SECOR submitted a letter requesting an extension of the deadline for the submittal of a CAP, which was proposed by URS in their June 15, 2005 *Off-Site Soil and Water Investigation Report*. The CAP was to be submitted approximately 90 days after the submittal of URS' June 15, 2005 report by September 15, 2005. SECOR requested an extension of the September 15, 2005 deadline to October 31, 2005. A response was never received from the ACEHD. In a conversation with Mr. Hwang of the ACEHD in December 15, 2005, Mr. Hwang requested that SECOR proceed with the submittal of a remedial action plan. No agency deadline was verbally assigned or provided in written correspondence.

Summary of Groundwater Monitoring and Sampling Activities

The groundwater monitoring well network at the site consists of 11 wells (MW-1 through MW-11). Depth to water levels are measured, and groundwater samples are collected from the wells on a quarterly basis. During the fourth quarter 2005, groundwater samples were collected from the wells on December 28, 2005.

Groundwater samples were submitted to Severn Trent Laboratories (STL) for analysis of gasoline range organics (GRO), BTEX, fuel oxygenates (MtBE, tertiary amyl methyl ether [TAME], di-isopropyl ether [DIPE], ethyl tertiary butyl ether [EtBE], tertiary butyl alcohol [TBA], and ethanol), and lead scavengers 1,2-DCA and ethylene dibromide (EDB) by U.S. Environmental Protection Agency (EPA) Method 8260B. Additional groundwater samples were collected from well MW-3, and were submitted for analysis of TPHd by EPA Method 8015M, and TOG by EPA Method 1664A.

DISCUSSION

Depth to Water and Groundwater Flow Direction

During the fourth quarter 2005, depth to groundwater within the site wells ranged from historical high level of 2.99 feet in well MW-9 to a low level of 9.09 feet bgs in well MW-11. Historical depth to groundwater levels have ranged between approximately 2.99 feet and 10.23 feet bgs. The direction of groundwater beneath and in the site vicinity of the site was toward the southwest at a hydraulic gradient of 0.081 ft/ft, which was generally consistent with the historical groundwater flow direction over previous quarters since 2003. The historical groundwater flow direction has reportedly been variable since 2001; however, the groundwater flow patterns were most consistently toward the south and southwest. Depth to groundwater measurements, calculated groundwater elevation data, and historical groundwater gradient data are presented in Tables 1 and 2. Groundwater elevation data were used to construct a potentiometric surface map, which is included as Figure 1.

SECOR's standard procedures for groundwater monitoring and equipment decontamination are included in Attachment 1. Field data sheets showing recorded depth to groundwater levels are included in Attachment 2.

Contaminant Concentrations

Evaluation of historical groundwater analytical data results through the fourth quarter 2005 indicates that the highest concentrations of GRO, BTEX, MtBE, TAME, and TBA have been detected in wells located in the immediate vicinity (MW-1 and MW-9) and northwest (MW-2) of the USTs. Based on the generally southwesterly groundwater flow direction reported over previous sampling events, elevated concentrations of GRO have been present downgradient in MW-5, and elevated concentrations of TBA, have been detected in well MW-4. As discussed above, the direction of groundwater flow has historically varied beneath the site, which is evidenced by the elevated TBA concentrations in well MW-8 located along the northern site boundary, and TBA concentrations in wells MW-6 and MW-7 located along the western perimeter of the site.

During the fourth quarter 2005, the highest concentrations of GRO were detected in wells MW-1 (1,500 µg/L), MW-2 (210,000 µg/L), MW-9 (14,000 µg/L) and off-site in well MW-5 (7,700 µg/L), located south of the site. Benzene was detected in wells MW-1 (200 µg/L), MW-2 (15,000 µg/L), MW-5 (7.7 µg/L), and MW-9 (1,400 µg/L). MtBE was detected in the site wells except for off-site well MW-11, with the highest concentrations detected in wells MW-1 (140 µg/L), MW-2 (22,000 µg/L), and MW-9 (2,200 µg/L). TBA was detected in wells MW-1, MW-2, MW-4, and MW-6 through MW-9, with the highest concentrations detected in wells MW-2 (6,300 µg/L), MW-4 (27,000 µg/L), and MW-8 (7,400 µg/L). Except for wells MW-2 (410 µg/L), MW-6 (2.0 µg/L) and MW-9 (49 µg/L), TAME was not detected above MRLs. With the exception of a concentration of DIPE in well MW-5 (14 µg/L), other fuel oxygenates, 1,2-DCA, and EDB were not detected at or above laboratory MRLs. Well MW-3 has historically been analyzed for TPHd and TOG since 1992; during the fourth quarter 2005, TPHd was detected in the well at a concentration of 100 µg/L, while TOG was not detected at or above the laboratory MRL.

Groundwater analytical data are presented in Tables 1 and 3, and are included on Figure 2. SECOR's standard procedures for groundwater sampling and equipment decontamination are included in Attachment 1. Groundwater sampling field data sheets are included in Attachment 2.

Concentration Trends

With the exception of concentrations in well MW-2, concentrations of GRO and BTEX have remained stable or have declined over time, while decreases in MtBE have been observed in the site wells over time. Concentrations of GRO and BTEX have steadily increased in well MW-2 since 2002, with GRO, benzene, and toluene concentrations historically peaking during the fourth quarter 2005 at respective concentrations of 210,000 µg/L, 15,000 µg/L, and 21,000 µg/L. Since analysis for the presence of fuel oxygenates was initiated in June 2003, concentrations of TBA have fluctuated in wells MW-1, MW-3, MW-7, MW-8 and MW-9; have steadily declined in well MW-2, MW-9; have increased in downgradient well MW-4 to a peak concentration of 30,000 µg/L in the third quarter 2005, and have increased over

the previous three quarters in well MW-6 to a peak concentration of 280 µg/L also in the third quarter 2005. Concentrations of TAME have steadily decreased to near or below the laboratory MRL limit in wells MW-3, MW-4, MW-6, MW-7, and MW-9; while TAME concentrations in well MW-2 have been stable since 2003.

Plume Status

The lateral extent of the dissolved plume has been defined to the southwest by non-detectable levels of petroleum hydrocarbons and fuel oxygenates other than MtBE, and low to non-detectable levels of MtBE in wells MW-10 and MW-11. While the lateral extent of dissolved GRO and BTEX has been delineated in the westerly direction by low to non-detectable concentrations in wells MW-3, MW-6, and MW-7, the presence of dissolved MtBE and TBA has not been delineated in the westerly direction. The lateral extent of dissolved impacts has also not been delineated north of well MW-8, and to the east and southeast of the site. The presence of dissolved TPHg and TOG has not been delineated in the vicinity of well MW-3. Review of historical investigations indicate that the vertical extent of dissolved contaminants has not been investigated beyond the maximum completed depth of the wells at 17 feet bgs.

Waste Disposal

Approximately 64 gallons of groundwater generated during the fourth quarter 2005 groundwater sampling event were temporarily stored in 55-gallon drums on-site. The drums containing the purge water are periodically removed from the site by Filter Recycling Services, Inc. (FRS), and transferred to their facility for recycling/disposal.

Planned Activities – First Quarter 2006

- Prepare and submit the *Quarterly Monitoring Report – Fourth Quarter 2005.*
- Perform quarterly groundwater monitoring and sampling.
- Per discussion with the ACEHD on December 15, 2005, SECOR will submit a *Remedial Action Plan,* which will include recommendations for mitigating and investigating the extent of the dissolved plume beneath and in the vicinity of the site.

LIMITATIONS

This report presents our understanding of existing conditions at the subject site. The conclusions contained herein are based on the analytical results, and professional judgment in accordance with current standards of professional practice; no other warranty is expressed or implied. SECOR assumes no responsibility for data reported by other consultants or contractors.

Should you have any questions or concerns regarding these activities, please feel free to contact us at (916) 861-0400.

Sincerely,
SECOR International Incorporated

Kristen Flesoras
Associate Scientist

Rusty Benkosky, P.E.
Principal Engineer

Attachments: Table 1 – Groundwater Elevation and Analytical Data
Table 2 – Historical Groundwater Gradient Data
Table 3 – Groundwater Analytical Data – Additional Fuel Oxygenates, 1,2-DCA, and EDB
Figure 1 – Groundwater Elevation Contour Map – December 28, 2005
Figure 2 – Groundwater Chemical Concentration Map – December 28, 2005
Attachment 1 – SECOR's Procedures for Groundwater Monitoring and Sampling, and Equipment Decontamination
Attachment 2 – Groundwater Sampling Field Data Sheets, Certified Laboratory Analytical Report, and Chain-of-Custody Documentation

cc: Mr. Paul Supple, BP (Electronic Upload to Enfos)
Ms. Shelby Lathrop, ConocoPhillips (Electronic Upload to Webex)

TABLES

Table 1
Groundwater Elevation and Analytical Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-1	11/04/92	7.76	4.96	--	2.80	--	e	5,300	--	--	1,100	480	<0.50	1,500	--	--	--
	10/12/93		5.26	--	2.50	-0.30	e	3,600	--	--	970	71	100	550	6,111	--	--
	02/15/94		4.98	--	2.78	0.28	e	17,000	--	--	4,200	510	360	1,600	5,495	--	3.9
	05/11/94		4.55	--	3.21	0.43	e	5,500	--	--	2,900	37	56	64	705	--	8.0
	08/01/94		--	--	--	--	c	16,000	--	--	3,600	750	510	2,800	9,800	--	--
	08/01/94		5.51	--	2.25	-0.96	e	15,000	--	--	3,600	740	510	2,800	9,718	--	2.9
	10/18/94		--	--	--	--	c	16,000	--	--	1,900	64	170	950	--	--	--
	10/18/94		5.11	--	2.65	0.40	e	16,000	--	--	1,800	61	160	890	15,668	--	2.9
	01/13/95		--	--	--	--	c	590	--	--	88	0.70	<0.50	55	--	--	--
	01/13/95		3.05	--	4.71	2.06		220	--	--	7.0	<0.50	1.0	23	--	--	6.6
	04/13/95		3.84	--	3.92	-0.79		9,300	--	--	4,000	300	200	950	--	--	7.7
	07/11/95		3.60	--	4.16	0.24		15,000	--	--	2,200	84	<25	2,500	--	--	8.8
	11/02/95		4.58	--	3.18	-0.98		1,900	--	--	920	<100	<100	430	52,000	--	7.3
	02/05/96		4.43	--	3.33	0.15		4,600	--	--	1,400	330	54	247	8,700	--	3.2
	04/24/96		4.00	--	3.76	0.43		2,000	--	--	510	33	61	228	4,500	--	7.5
	07/15/96		4.30	--	3.46	-0.30		--	--	--	--	--	--	--	--	--	--
	07/16/96		--	--	--	--	c	12,000	--	--	2,800	160	390	1,610	63,000	--	--
	07/16/96		--	--	--	--		12,000	--	--	2,800	170	390	1,630	64,000	--	7.9
	07/30/96		4.64	--	3.12	--		--	--	--	--	--	--	--	--	--	--
	08/12/96		--	--	--	--		11,000	--	--	2,500	160	<10	1,740	440,000	--	7.0
	11/04/96		5.98	--	1.78	-1.34		--	--	--	--	--	--	--	--	--	--
	11/05/96		--	--	--	--		53,000	--	--	1,300	43	100	349	42,000/190,000	--	6.6
	05/17/97		4.65	--	3.11	--		52,000	--	--	1,958	55	305	1,216	140,198	--	5.7
	08/11/97		4.90	--	2.86	-0.25		25,000	--	--	540	6.7	<5.0	57	360,000	--	7.9
	11/17/97		6.12	--	1.64	-1.22		93,000	--	--	1,200	31	180	40	400,000	--	7.6
	01/29/98		4.90	--	2.86	1.22		4,800	--	--	320	24	52	20	<50	--	6.6
	06/22/98		4.62	--	3.14	0.28		63,000	--	--	180	<5.0	15	69	57,000	--	6.0
	12/30/98		5.41	--	2.35	-0.79		22,000	--	--	2,500	24	120	400	15,000/13,000	--	--
	03/09/99		3.40	--	4.36	2.01		16,000	--	--	2,000	84	290	510	13,000	--	--
	06/23/99		4.60	--	3.16	-1.20		9,600	--	--	4,500	21	160	260	24,000	--	--
	09/23/99		4.21	--	3.55	0.39		3,800	--	--	1,600	32	150	240	7,100	--	--
	12/28/99		4.10	--	3.66	0.11		3,400	--	--	<2,200	17	53	130	5,500	--	--
	03/22/00		5.51	--	2.25	-1.41		6,400	--	--	1,100	45	190	330	4,900	--	--
	05/26/00		4.79	--	2.97	0.72		110,000	--	--	700	44	140	250	320,000	--	--
	09/06/00		5.19	--	2.57	-0.40		5,600	--	--	1,000	13	57	90	19,000	--	--

Table 1
Groundwater Elevation and Analytical Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-1	09/15/00		5.73	--	2.03	--		--	--	--	--	--	--	--	--	--	--
(cont.)	12/11/00		5.82	--	1.94	-0.63		5,500	--	--	1,160	47.1	155	292	3,900	--	--
	03/29/01									Well Inaccessible							
	06/27/01		5.49	--	2.27	--		6,100	--	--	1,200	12.9	17.3	77.9	1,780	--	--
	09/19/01		6.19	--	1.57	-0.70		1,800	--	--	102	<12.5	<12.5	<37.5	1,090	--	--
	12/28/01		5.27	--	2.49	0.92		4,000	--	--	540	11.8	20.4	64.6	1,120	--	--
	03/12/02		5.68	--	2.08	-0.41		3,700	--	--	491	8.39	12.4	27.3	1,020	--	--
	6/13/2002*		5.54	--	2.22	0.14		1,900	--	--	255	<12.5	<12.5	<25	6,490	--	--
	09/06/02		5.56	--	2.20	-0.02		1,100	--	--	170	5.1	2.2	20	550	--	--
	12/13/02		5.45	--	2.31	0.11	h	2,700	--	--	610	10	18	67	470	--	--
	02/19/03		3.00	--	4.76	2.45	i	1,500	--	--	180	<5.0	<5.0	15	610	--	--
	06/06/03		5.52	--	2.24	-2.52		4,600	--	--	620	<25	<25	55	1,400	--	--
	08/07/03		5.55	--	2.21	-0.03		2,000	--	--	290	<5.0	<5.0	15	920	--	--
	11/20/03		5.41	--	2.35	0.14		2,800	--	--	420	11	11	53	250	--	--
	04/28/04		5.33	--	2.43	--		1,600	--	--	100	5.3	<5.0	8.8	200	--	--
	08/26/04		4.03	--	3.73	1.30		1,700	--	--	220	7.2	15	35	180	<2.5	--
	12/01/04		3.93	--	3.83	0.10		2,100	--	--	380	8.0	34	76	170	--	--
	02/02/05		3.61	--	4.15	0.32		1,100	--	--	150	3.0	12	14	160	--	--
	04/25/05	10.16	3.75	--	6.41	--		930	--	--	140	3.6	5.3	11	200	--	--
	09/30/05		3.54	--	6.62	0.21	m	4,600	--	--	1,000	15	78	150	250	--	--
	12/28/05		**3.26**	**--**	**6.90**	**0.28**		**1,500**	**--**	**--**	**200**	**5.7**	**32**	**58**	**140**	**--**	**0.9**
MW-2	11/04/92		--	--	--	--	c	12,000	--	--	3,200	980	<0.50	1,900	--	--	--
	11/04/92	8.56	5.88	--	2.68	--	e	12,000	--	--	3,900	1,300	<0.50	2,300	--	--	--
	10/12/93		6.29	--	2.27	-0.41	e	4,500	--	--	3,400	180	230	940	442	--	--
	02/15/94		--	--	--	--	c	1,800	--	--	290	160	14	250	--	--	--
	02/15/94		5.56	--	3.00	0.73	e	2,000	--	--	430	270	28	390	127	--	4.0
	05/11/94		--	--	--	--	c	15,000	--	--	5,600	1,500	470	2,000	740	--	--
	05/11/94		5.17	--	3.39	0.39	e	14,000	--	--	3,900	1,200	440	1,900	953	--	8.9
	08/01/94		5.43	--	3.13	-0.26	e	8,200	--	--	3,000	420	230	680	1,676	--	2.6
	10/18/94		5.71	--	2.85	-0.28	e	9,000	--	--	2,000	140	150	420	2,417	--	7.2
	01/13/95		4.67	--	3.89	1.04		7,900	--	--	2,200	42	<5.0	770	--	--	6.8
	04/13/95		--	--	--	--	c	25,000	--	--	6,500	1,500	110	5,300	--	--	--
	04/13/95		4.37	--	4.19	0.30		33,000	--	--	8,000	2,500	1,100	6,600	--	--	7.5
	07/11/95		--	--	--	--	c	28,000	--	--	6,800	1,000	900	4,900	--	--	--

Table 1
Groundwater Elevation and Analytical Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-2	07/11/95		4.51	–	4.05	-0.14		19,000	–	–	3,300	99	7.5	4,600	–	–	7.8
(cont.)	11/02/95		–	–	–	–	c	22,000	–	–	4,000	1,200	600	2,700	19,000	–	–
	11/02/95		5.55	–	3.01	-1.04		20,000	–	–	3,800	1,200	570	2,700	15,000	–	7.3
	02/05/96		–	–	–	–	c	910	–	–	290	180	19	137	93	–	–
	02/05/96		5.10	–	3.46	0.45		1,200	–	–	320	220	26	187	99	–	2.2
	04/24/96		–	–	–	–	c	<500	–	–	100	30	<10	71	<100	–	–
	04/24/96		4.95	–	3.61	0.15		<500	–	–	70	22	<10	61	<50	–	7.0
	07/15/96		5.40	–	3.16	-0.45		–	–	–	–	–	–	–	–	–	–
	07/16/96		–	–	–	–		12,000	–	–	3,300	1,400	250	2,610	1,400	–	7.8
	07/30/96		5.44	–	3.12	–		–	–	–	–	–	–	–	–	–	–
	11/04/96		7.06	–	1.50	-1.66		–	–	–	–	–	–	–	–	–	–
	11/05/96		–	–	–	–	c	9,200	–	–	1,300	170	<25	2,240	1,100	–	–
	11/05/96		–	–	–	–		7,200	–	–	1,400	230	38	2,110	1,100	–	7.4
	05/17/97		5.77	–	2.79	–		570	–	–	42	<5.0	5.0	60	210	–	6.9
	08/11/97		5.71	–	2.85	0.06		6,300	–	–	1,800	130	86	397	2,400	–	8.5
	11/17/97		6.91	–	1.65	-1.20		2,400	–	–	220	30	33	259	130	–	7.9
	01/29/98		4.61	–	3.95	2.30		<50	–	–	<0.50	<1.0	<1.0	<1.0	<10	–	6.2
	06/22/98		4.80	–	3.76	-0.19		4,200	–	–	640	150	120	650	560	–	5.4
	12/30/98		5.21	–	3.35	–		–	–	–	–	–	–	–	–	–	–
	06/23/99		5.30	–	3.26	–		–	–	–	–	–	–	–	–	–	–
	09/23/99		4.75	–	3.81	0.55		3,800	–	–	760	19	210	960	910	–	–
	12/28/99		4.51	–	4.05	0.24		–	–	–	–	–	–	–	–	–	–
	03/22/00		4.21	–	4.35	0.30		2,500	–	–	780	17	44	270	2,800	–	–
	05/26/00		4.66	–	3.90	-0.45		–	–	–	–	–	–	–	–	–	–
	09/06/00		4.71	–	3.85	-0.05		3,700	–	–	1,200	5.5	12	170	12,000	–	–
	09/15/00		4.74	–	3.82	–		–	–	–	–	–	–	–	–	–	–
	12/11/00		4.79	–	3.77	-0.08		–	–	–	–	–	–	–	–	–	–
	03/29/01			Well Inaccessible													
	06/27/01			Well Inaccessible													
	09/19/01			Well Inaccessible													
	12/28/01			Well Inaccessible													
	03/12/02		4.25	–	4.31	–		26,000	–	–	1,160	4.39	61.1	171	37,300	–	–
	6/13/2002*		4.94	–	3.62	-0.69		18,000	–	–	578	<50	<50	<100	84,600	–	–
	09/06/02		5.23	–	3.33	-0.29		26,000	–	–	440	<50	<50	<50	45,000	–	–
	12/13/02		4.94	–	3.62	0.29	h	69,000	–	–	1,200	<500	<500	<500	98,000	–	–

Table 1
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76 (Former BP) Service Station No. 11126
1700 Powell Street
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Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-2	02/19/03		4.14	--	4.42	0.80	i	78,000	--	--	1,100	<500	<500	<500	81,000	--	--
(cont.)	06/06/03		4.66	--	3.90	-0.52		120,000	--	--	1,100	<1,000	<1,000	<1,000	72,000	--	--
	08/07/03		4.90	Sheen	3.66	-0.24		71,000	--	--	590	<500	<500	<500	83,000	--	--
	11/20/03		4.59	--	3.97	0.31		22,000	--	--	720	<100	<100	<100	18,000	--	--
	04/28/04		4.37	--	4.19	--		<25,000	--	--	690	<250	<250	<250	31,000	--	--
	08/26/04		4.59	--	3.97	0.00		140,000	--	--	8,200	--	4,200	19,000	11,000	<250	--
	12/01/04		4.79	--	3.77	-0.20		98,000	--	--	8,400	--	4,600	21,000	10,000	--	--
	02/02/05		4.27	Sheen	4.29	0.52		92,000	--	--	6,600	9,900	4,400	18,000	10,000	--	--
	04/25/05	11.39	4.00	--	7.39	--		80,000	--	--	6,700	4,900	4,400	17,000	8,200	--	--
	09/30/05		4.86	--	6.53	-0.86	m	98,000	--	--	7,700	7,400	4,700	20,000	16,000	--	--
	12/28/05		**4.28**	--	**7.11**	**0.58**		**210,000**	--	--	**15,000**	**21,000**	**7,300**	**31,000**	**22,000**	--	**0.4**
MW-3	11/04/92	8.25	6.38	--	1.87	--	e	200	690	<5,000	1.6	<0.50	<0.50	1.1	--	ND	--
	10/12/93		--	--	--	--	c	150	--	--	5.6	0.60	<0.50	1.6	--	--	--
	10/12/93		5.84	--	2.41	--	e	270	2,100	<5,000	5.0	0.70	<0.50	2.6	96.3	ND	--
	02/15/94		6.60	--	1.65	-0.76	e	140	2.3	90	5.7	<0.50	<0.50	<0.50	30.1	ND	3.9
	05/11/94		5.86	--	2.39	0.74	e	190	2,500	<5,000	2.7	1.9	<0.50	1.9	51	ND	9.2
	08/01/94		6.13	--	2.12	-0.27	e	120	1,300	<5,000	1.3	<0.50	0.50	1.1	17.6	ND	2.9
	10/18/94		6.39	--	1.86	-0.26	e	100	2,200	<5,000	2.3	<0.50	<0.50	<0.50	21	ND	3.6
	01/13/95		5.47	--	2.78	0.92		<50	970	--	0.80	<0.50	<0.50	<1.0	--	ND	7.7
	04/13/95		5.17	--	3.08	0.30		530	<500	2,100	8.7	1.9	<0.50	3.9	--	ND	8.4
	07/11/95		5.37	--	2.88	-0.20		78	2,100	1,900	0.57	<0.50	<0.50	<1.0	--	ND	8.3
	11/02/95		6.29	--	1.96	-0.92		250	2,000	1,400	0.73	<0.50	<0.50	1.8	270	ND	8.3
	02/05/96		5.80	--	2.45	0.49		<50	1,600	9,000	<0.50	<1.0	<1.0	2.7	11	ND	3.5
	04/24/96		5.69	--	2.56	0.11		<50	2,800	6,000	<5.0	<10	<10	<10	150	ND	8.6
	07/15/96		6.18	--	2.07	-0.49		<250	3,700	1,000	<2.5	<5.0	<5.0	<5.0	<50	ND	7.7
	07/30/96		6.04	--	2.21	--		--	--	--	--	--	--	--	--	--	--
	11/04/96		7.84	--	0.41	-1.66		--	--	--	--	--	--	--	--	--	--
	11/05/96		--	--	--	--		90	890	2,000	<0.50	<1.0	<1.0	<1.0	30	ND	6.8
	05/17/97		6.49	--	1.76	--		<50	2,100	700	<0.50	<1.0	<1.0	<1.0	52	ND	6.3
	08/11/97		6.15	--	2.10	0.34		490	1,900	<5,000	<2.5	<5.0	<5.0	<5.0	170	ND	7.4
	11/17/97		7.15	--	1.10	-1.00		120	2,500	<5,000	<0.50	<1.0	<1.0	<1.0	46	ND	7.0
	01/29/98		5.10	--	3.15	2.05		270	1,700	2,000	0.53	<1.0	<1.0	<1.0	330	ND	6.4
	06/22/98		5.50	--	2.75	-0.40		200	2,200	<5.0	<0.50	<1.0	<1.0	<1.0	130	ND	5.5
	12/30/98		6.68	--	1.57	--		--	--	--	--	--	--	--	--	--	--

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1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-3	03/09/99		5.53	–	2.72	-0.03		60	840	7,600	<1.0	<1.0	<1.0	<1.0	19	–	–
(cont.)	06/23/99		6.60	–	1.65	-1.07		–	–	–	–	–	–	–	–	–	–
	09/23/99		6.17	–	2.08	0.43		–	–	–	–	–	–	–	–	–	–
	12/28/99		6.00	–	2.25	0.17		–	–	–	–	–	–	–	–	–	–
	03/22/00		4.77	–	3.48	1.23		690	<58	13,000	4.2	3.1	0.81	2.7	2,900	–	–
	05/26/00		5.28	–	2.97	-0.51		–	–	–	–	–	–	–	–	–	–
	09/15/00		5.58	–	2.67	-0.30		–	–	–	–	–	–	–	–	–	–
	12/11/00		11.74	–	-3.49	-6.16	d	–	–	–	–	–	–	–	–	–	–
	03/29/01		5.04	–	3.21	6.70		650	<50	6,540	<2.5	<2.5	<2.5	<7.5	680	–	–
	06/27/01		5.62	–	2.63	-0.58		460	690	<5,000	<2.5	<2.5	<2.5	<7.5	560	–	–
	09/19/01		5.80	–	2.45	-0.18		<500	520	<5,000	<5.0	<5.0	<5.0	<15	464	–	–
	12/28/01		4.85	–	3.40	0.95		180	550	<5,000	<0.50	<0.50	<0.50	<1.0	180	–	–
	03/12/02		4.39	–	3.86	0.46		410	1,300	<5,000	<2.5	<2.5	<2.5	<5.0	443	–	–
	06/13/02		5.38	–	2.87	-0.99		<250	2,600	<5,000	<2.5	<2.5	<2.5	<5.0	395	–	–
	09/06/02		5.68	–	2.57	-0.30		<200	–	–	<2.0	<2.0	<2.0	<2.0	650	–	–
	12/13/02		5.37	–	2.88	0.31	h	<50	980	7,000	<0.50	<0.50	<0.50	<0.50	60	–	–
	02/19/03		4.80	–	3.45	0.57	i	<1,000	380	6,700	<10	<10	<10	<10	120	–	–
	06/06/03		5.13	–	3.12	-0.33		<500	620	7.9	<5.0	<5.0	<5.0	<5.0	180	–	–
	08/07/03		5.43	–	2.82	-0.30	j	<500	820	5.4	5.7	<5.0	<5.0	<5.0	290	–	–
	11/20/03		4.72	–	3.53	0.71	j	<50	1,200	<4.8	<0.50	<0.50	<0.50	<0.50	17	–	–
	04/28/04		4.87	–	3.38	–	j	<100	240	<5,100	<1.0	<1.0	<1.0	<1.0	87	–	–
	08/26/04		5.42	–	2.83	-0.55	j	56	250	<10,000	<0.50	<0.50	<0.50	<0.50	34	<0.50	–
	12/01/04		5.69	–	2.56	-0.27		<100	690	<5.0	<1.0	<1.0	<1.0	<1.0	7.4	–	–
	02/02/05		4.72	–	3.53	0.97		<100	730	<4,800	<1.0	<1.0	<1.0	<1.0	20	–	–
	04/25/05	10.73	4.75	–	5.98	–	q	<250	520	6,300	<2.5	<2.5	<2.5	<2.5	220	–	–
	09/30/05		5.30	–	5.43	-0.55	l	<50	300	<2,000	<0.50	<0.50	<0.50	<1.0	8.2	–	–
	12/28/05		**4.41**	–	**6.32**	**0.89**		**<50**	**100**	**<2,000**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**0.66**	–	**1.4**
MW-4	11/04/92	8.12	6.66	–	1.46	–	e	340	–	–	4.5	<0.50	4.3	<0.50	–	–	–
	10/12/93		6.87	–	1.25	-0.21	e	160	–	–	5.8	1.4	0.80	2.7	261	–	–
	02/15/94		6.61	–	1.51	0.26	e	110	–	–	4.4	0.70	<0.50	2.5	118	–	4.3
	05/11/94		5.89	–	2.23	0.72	e	120	–	–	0.50	0.80	<0.50	<0.50	137	–	9.3
	08/01/94		6.87	–	1.25	-0.98	e	140	–	–	0.70	2.0	5.2	15	138	–	3.3
	10/18/94		6.62	–	1.50	0.25	e	140	–	–	3.5	<0.50	0.50	<0.50	197	–	3.0
	01/13/95		7.27	–	0.85	-0.65		<50	–	–	<0.50	<0.50	<0.50	<1.0	–	–	7.9

Table 1
Groundwater Elevation and Analytical Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-4	04/13/95		6.51	–	1.61	0.76		73	–	–	1.2	<0.50	<0.50	<1.0	–	–	9.9
(cont.)	07/11/95		6.21	–	1.91	0.30		82	–	–	0.57	<0.50	<0.50	<1.0	–	–	7.2
	11/02/95		6.78	–	1.34	-0.57		71	–	–	1.4	0.96	0.99	2.8	140	–	8.6
	02/05/96		6.41	–	1.71	0.37		<50	–	–	<5.0	<10	<10	<10	200	–	4.4
	04/24/96		6.18	–	1.94	0.23		<250	–	–	<2.5	<5.0	<5.0	<5.0	510	–	8.3
	07/15/96		6.63	–	1.49	-0.45		<50	–	–	5.7	<1.0	<1.0	<1.0	550	–	7.4
	07/30/96		6.34	–	1.78	–		–	–	–	–	–	–	–	–	–	–
	11/04/96		8.27	–	-0.15	-1.64		–	–	–	–	–	–	–	–	–	–
	11/05/96		–	–	–	–		460	–	–	<2.5	11.00	<5.0	<5.0	620/610	–	7.3
	05/17/97		7.00	–	1.12	–		–	–	–	–	–	–	–	–	–	–
	08/11/97		6.81	–	1.31	0.19		–	–	–	–	–	–	–	–	–	–
	11/17/97		9.19	–	-1.07	-2.38		840	–	–	<0.50	<1.0	<1.0	<1.0	880	–	7.3
	01/29/98		7.94	–	0.18	1.25		–	–	–	–	–	–	–	–	–	–
	06/22/98		7.49	–	0.63	0.45		–	–	–	–	–	–	–	–	–	–
	12/30/98		8.21	–	-0.09	–		–	–	–	–	–	–	–	–	–	–
	03/09/99		7.70	–	0.42	0.51		1,200	–	–	<1.0	<1.0	<1.0	<1.0	2,000	–	–
	06/23/99		8.81	–	-0.69	-1.11		–	–	–	–	–	–	–	–	–	–
	09/23/99		8.32	–	-0.20	0.49		–	–	–	–	–	–	–	–	–	–
	12/28/99		8.21	–	-0.09	0.11		–	–	–	–	–	–	–	–	–	–
	03/22/00		6.74	–	1.38	1.47		910	–	–	<0.50	<0.50	0.54	1.7	3,800	–	–
	05/26/00		5.13	–	2.99	1.61		–	–	–	–	–	–	–	–	–	–
	09/15/00		8.20	–	-0.08	-3.07		–	–	–	–	–	–	–	–	–	–
	12/11/00		8.31	–	-0.19	-0.11		–	–	–	–	–	–	–	–	–	–
	03/29/01			Well Inaccessible													
	06/27/01		7.57	–	0.55	–		2,800	–	–	18.9	<2.5	<2.5	<7.5	4,220	–	–
	09/19/01		7.87	–	0.25	-0.30		2,500	–	–	<5.0	<5.0	<5.0	<15	3,340	–	–
	12/28/01		7.80	–	0.32	0.07		4,400	–	–	<5.0	<5.0	<5.0	<10	5,330	–	–
	03/12/02		4.53	–	3.59	3.27		6,400	–	–	71.5	<5.0	<5.0	<10	8,440	–	–
	6/13/2002*		6.21	–	1.91	-1.68		1,800	–	–	7.5	<5.0	5.03	13.1	6,870	–	–
	09/06/02		7.78	–	0.34	-1.57		<2,000	–	–	<20	<20	<20	<20	9,600	–	–
	12/13/02		7.87	–	0.25	-0.09	h	5,600	–	–	<50	<50	<50	<50	8,600	–	–
	02/19/03		4.84	–	3.28	3.03	i	<10,000	–	–	<100	<100	<100	<100	8,000	–	–
	06/06/03		7.98	–	0.14	-3.14		13,000	–	–	<50	<50	<50	<50	6,800	–	–
	08/07/03		7.24	–	0.88	0.74		6,200	–	–	<50	<50	<50	<50	6,600	–	–
	11/20/03		7.02	–	1.10	0.22		10,000	–	–	<100	<100	<100	<100	11,000	–	–

Table 1
Groundwater Elevation and Analytical Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-4	04/28/04		4.81	--	3.31	--		<25,000	--	--	<250	<250	<250	<250	3,600	--	--
(cont.)	08/26/04		5.65	--	2.47	-0.84	k	<2,500	--	--	<25	<25	<25	<25	1,800	<25	--
	12/01/04		7.34	--	0.78	-1.69		1,100	--	--	<10	<10	<10	<10	450	--	--
	02/02/05		7.61	--	0.51	-0.27		1,000	--	--	<5.0	<5.0	<5.0	<5.0	410	--	--
	04/25/05	10.58	7.25	--	3.33	--		720	--	--	8.0	5.3	<5.0	16	170	--	--
	09/30/05		7.72	--	2.86	-0.47	m	<2,500	--	--	63	58	46	140	110	--	--
	12/28/05		**7.48**	--	**3.10**	**0.24**		**<2,500**	--	--	**<25**	**<25**	**<25**	**<50**	**34**	--	**1.0**
MW-5	10/12/93	7.69	6.01	--	1.68	--	e	--	--	--	--	--	--	--	--	--	--
	10/13/93		--	--	--	--	e	2,300	--	--	160	10	<0.50	26	--	--	--
	02/15/94		5.74	--	1.95	0.27	e	5,100	--	--	710	16	33	35	153	--	4.0
	05/11/94		5.28	--	2.41	0.46	e	11,000	--	--	1,100	39	110	57	165	--	8.0
	08/01/94		5.84	--	1.85	-0.56	e	9,000	--	--	730	35	61	41	196	--	2.6
	10/18/94		6.01	--	1.68	-0.17	e	7,800	--	--	330	30	27	27	559	--	5.6
	01/13/95		4.74	--	2.95	1.27		<500	--	--	290	6.0	<5.0	18	--	--	6.8
	04/13/95		5.50	--	2.19	-0.76		9,100	--	--	400	15	52	27	--	--	7.4
	07/11/95		5.75	--	1.94	-0.25		7,300	--	--	390	13	28	23	--	--	7.2
	11/03/95		6.65	--	1.04	-0.90		7,200	--	--	270	15	38	23	200	--	8.4
	02/05/96		4.83	--	2.86	1.82		4,600	--	--	370	15	53	28	<50	--	1.9
	04/24/96		6.09	--	1.60	-1.26		3,000	--	--	160	<10	32	14	<100	--	8.1
	07/15/96		6.57	--	1.12	-0.48		--	--	--	--	--	--	--	--	--	--
	07/16/96		--	--	--	--		<50	--	--	190	<10	31	16	<100	--	8.3
	07/30/96		5.61	--	2.08	--		--	--	--	--	--	--	--	--	--	--
	08/12/96		--	--	--	--		2,000	--	--	150	12	25	18.2	<50	--	7.6
	11/04/96		8.25	--	-0.56	-1.68		--	--	--	--	--	--	--	--	--	--
	11/05/96		--	--	--	--		5,200	--	--	42	5.5	13	<5.0	1,700	--	7.4
	05/17/97		6.95	--	0.74	--		80	--	--	0.56	<1.0	<1.0	<1.0	46	--	6.7
	08/11/97		6.72	--	0.97	0.23		2,700	--	--	20	12	6.7	9.7	1,900	--	8.5
	11/17/97		9.49	--	-1.80	-2.77		8,400	--	--	25	12	8.7	5.4	13,000	--	7.9
	01/29/98		7.88	--	-0.19	1.61		110,000	--	--	2,500	110	180	589	--	--	6.8
	06/22/98		7.40	--	0.29	0.48		4,400	--	--	47	10	29	20.5	47	--	6.6
	12/30/98		6.13	--	1.56	--		6,000	--	--	18	9.1	22	16.00	63/44	--	--
	03/09/99		4.79	--	2.90	1.34		4,600	--	--	8.8	5.5	12	11	24	--	--
	06/23/99		5.95	--	1.74	-1.16		3,400	--	--	1,500	8.9	54	87	7,500	--	--
	09/23/99		5.43	--	2.26	0.52		2,600	--	--	510	14	140	650	580	--	--

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Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-5	12/28/99		5.30	--	2.39	0.13		3,500	--	--	900	18	57	140	4,800	--	--
(cont.)	03/22/00			Well Inaccessible													
	05/26/00			Well Inaccessible													
	09/06/00			Well Inaccessible													
	09/15/00			Well Inaccessible													
	12/11/00			Well Inaccessible													
	03/29/01			Well Inaccessible													
	06/27/01			Well Paved Over													
	09/19/01			Well Paved Over													
	12/28/01		4.65	--	3.04	--		4,600	--	--	19.9	24.6	16.2	57	72.3	--	--
	03/12/02		5.35	--	2.34	-0.70		5,100	--	--	45.4	13.7	22	38.9	31.6	--	--
	06/13/02		5.34	--	2.35	0.01		2,900	--	--	31.8	<12.5	<12.5	<25	616	--	--
	09/06/02		5.46	--	2.23	-0.12		3,400	--	--	23	5.5	<5.0	11	230	--	--
	12/13/02		5.47	--	2.22	-0.01	h	2,500	--	--	12	9.3	4.6	8.8	110	--	--
	02/19/03		5.29	--	2.40	0.18	i	2,800	--	--	11	5.4	9.7	12	6.4	--	--
	06/06/03		5.30	--	2.39	-0.01		3,200	--	--	9.1	<5.0	7.6	9.3	<5.0	--	--
	08/07/03		5.33	--	2.36	-0.03		2,200	--	--	7.3	<5.0	<5.0	9.1	18	--	--
	11/20/03		5.39	--	2.30	-0.06		3,500	--	--	12	5.4	6.4	12	12	--	--
	04/28/04		5.53	--	2.16	--		5,700	--	--	7.8	4.2	5.2	11	11	--	--
	08/26/04		5.42	--	2.27	0.11		2,400	--	--	23	4.0	3.6	11	74	<2.5	--
	12/01/04		5.38	--	2.31	0.04		4,300	--	--	11	<5.0	5.5	15	<5.0	--	--
	02/02/05		5.48	--	2.21	-0.10		4,000	--	--	8.4	4.8	4.0	10	11	--	--
	04/25/05	10.18	5.52	--	4.66	--		5,200	--	--	7.6	4.0	4.3	9.9	12	--	--
	09/30/05		5.04	--	5.14	0.48	m	4,100	--	--	5.3	2.7	2.1	8.0	16	--	--
	12/28/05		**4.85**	**--**	**5.33**	**0.19**		**7,700**	**--**	**--**	**7.7**	**3.3**	**2.9**	**7.1**	**3.8**	**--**	**1.0**
MW-6	10/12/93	8.52	6.59	--	1.93	--	e	63	--	--	<0.50	<0.50	<0.50	<0.50	44.4	--	--
	02/15/94		6.31	--	2.21	0.28	e	68	--	--	<0.50	<0.50	<0.50	<0.50	38.1	--	3.1
	05/11/94		6.15	--	2.37	0.16	e	68	--	--	<0.50	<0.50	<0.50	<0.50	48.5	--	8.7
	08/01/94		6.46	--	2.06	-0.31	e	91	--	--	<0.50	<0.50	<0.50	0.60	59.6	--	2.4
	10/18/94		6.72	--	1.80	-0.26	e	<50	--	--	<0.50	<0.50	<0.50	<0.50	84.6	--	6.0
	01/13/95		5.95	--	2.57	0.77		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--	7.0
	04/13/95		5.44	--	3.08	0.51		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--	8.5
	07/11/95		5.68	--	2.84	-0.24		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--	8.4
	11/02/95		6.57	--	1.95	-0.89		<50	--	--	<0.50	<0.50	<0.50	<1.0	35	--	8.3

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MW-6	02/05/96		6.27	--	2.25	0.30		<50	--	--	<5.0	<10	<10	<10	<100	--	2.2
(cont.)	04/24/96		5.95	--	2.57	0.32		<250	--	--	<2.5	<5.0	<5.0	<5.0	62	--	8.0
	07/15/96		6.39	--	2.13	-0.44		<250	--	--	<2.5	<5.0	<5.0	<5.0	<50	--	8.0
	07/30/96		6.44	--	2.08	--		--	--	--	--	--	--	--	--	--	--
	11/04/96		8.05	--	0.47	-1.66		--	--	--	--	--	--	--	--	--	--
	11/05/96		--	--	--	--		<50	--	--	<0.50	<1.0	<1.0	<1.0	<10	--	7.3
	05/17/97		6.75	--	1.77	--		--	--	--	--	--	--	--	--	--	--
	08/11/97		6.48	--	2.04	0.27		--	--	--	--	--	--	--	--	--	--
	11/17/97		9.27	--	-0.75	-2.79		<50	--	--	<0.50	<1.0	<1.0	<1.0	<10	--	7.7
	01/29/98		7.98	--	0.54	1.29		--	--	--	--	--	--	--	--	--	--
	06/22/98		7.68	--	0.84	0.30		--	--	--	--	--	--	--	--	--	--
	12/30/98		6.98	--	1.54	--		--	--	--	--	--	--	--	--	--	--
	03/09/99		5.90	--	2.62	1.08		--	--	--	--	--	--	--	--	--	--
	06/23/99		6.93	--	1.59	-1.03		--	--	--	--	--	--	--	--	--	--
	09/23/99		6.45	--	2.07	0.48		--	--	--	--	--	--	--	--	--	--
	12/28/99		6.33	--	2.19	0.12		--	--	--	--	--	--	--	--	--	--
	03/22/00		5.15	--	3.37	1.18		--	--	--	--	--	--	--	--	--	--
	05/26/00		5.72	--	2.80	-0.57		--	--	--	--	--	--	--	--	--	--
	09/15/00		6.02	--	2.50	-0.30		--	--	--	--	--	--	--	--	--	--
	12/11/00		6.20	--	2.32	-0.18		--	--	--	--	--	--	--	--	--	--
	03/29/01		5.34	--	3.18	0.86		750	--	--	<2.5	2.91	<2.5	11.8	820	--	--
	06/27/01		6.00	--	2.52	-0.66		760	--	--	32.9	<2.5	<2.5	<7.5	968	--	--
	09/19/01		6.22	--	2.30	-0.22		<500	--	--	<5.0	<5.0	<5.0	<15	879	--	--
	12/28/01		4.71	--	3.81	1.51	g	--	--	--	--	--	--	--	--	--	--
	03/12/02		4.96	--	3.56	-0.25		<500	--	--	<5.0	<5.0	<5.0	<10	244	--	--
	06/13/02		5.78	--	2.74	-0.82		<250	--	--	<2.5	<2.5	<2.5	<5.0	413	--	--
	09/06/02		6.14	--	2.38	-0.36		130	--	--	<0.50	<0.50	<0.50	<0.50	240	--	--
	12/13/02		6.05	--	2.47	0.09	h	140	--	--	<1.0	<1.0	<1.0	<1.0	200	--	--
	02/19/03		5.40	--	3.12	0.65	i	<500	--	--	<5.0	<5.0	<5.0	<5.0	150	--	--
	06/06/03		5.54	--	2.98	-0.14		1,100	--	--	<5.0	<5.0	<5.0	<5.0	140	--	--
	08/07/03		5.94	--	2.58	-0.40		<500	--	--	<5.0	<5.0	<5.0	<5.0	160	--	--
	11/20/03		5.85	--	2.67	0.09		95	--	--	<0.50	<0.50	<0.50	<0.50	74	--	--
	04/28/04		5.45	--	3.07	--		<250	--	--	<2.5	<2.5	<2.5	<2.5	120	--	--
	08/26/04		6.06	--	2.46	-0.61		<250	--	--	<2.5	<2.5	<2.5	<2.5	110	<2.5	--
	12/01/04		6.19	--	2.33	-0.13		<250	--	--	<2.5	<2.5	<2.5	<2.5	86	--	--

Table 1
Groundwater Elevation and Analytical Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-6	02/02/05		5.20	--	3.32	0.99		55	--	--	<0.50	<0.50	<0.50	<0.50	41	--	--
(cont.)	04/25/05	11.01	5.22	--	5.79	--		64	--	--	<0.50	<0.50	<0.50	<0.50	50	--	--
	09/30/05		5.93	--	5.08	-0.71	m,n	200	--	--	<2.0	<2.0	<2.0	<4.0	51	--	--
	12/28/05		**5.49**	**--**	**5.52**	**0.44**		**<50**	**--**	**--**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**16**	**--**	**0.5**
MW-7	10/12/93	7.61	6.14	--	1.47	--	e	<50	--	--	<0.50	<0.50	<0.50	0.70	<5.0	--	--
	02/15/94		5.88	--	1.73	0.26	e	78	--	--	<0.50	<0.50	<0.50	0.60	<5.0	--	4.0
	05/11/94		5.76	--	1.85	0.12	e	70	--	--	<0.50	<0.50	<0.50	0.90	11.5	--	9.1
	08/01/94		5.97	--	1.64	-0.21	e	77	--	--	<0.50	<0.50	<0.50	0.50	182	--	2.5
	10/18/94		6.24	--	1.37	-0.27	e	<50	--	--	<0.50	<0.50	<0.50	<0.50	51.7	--	6.3
	01/13/95		5.39	--	2.22	0.85		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--	8.2
	04/13/95		5.17	--	2.44	0.22		63	--	--	<0.50	<0.50	<0.50	1.4	--	--	8.4
	07/11/95		5.25	--	2.36	-0.08		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--	7.9
	11/02/95		6.19	--	1.42	-0.94		<50	--	--	<0.50	<0.50	<0.50	<1.0	55	--	8.0
	02/05/96		5.69	--	1.92	0.50		<50	--	--	<0.50	<1.0	<1.0	<1.0	40	--	1.9
	04/24/96		5.59	--	2.02	0.10		<250	--	--	<2.5	<5.0	<5.0	<5.0	53	--	8.2
	07/15/96		6.07	--	1.54	-0.48		<250	--	--	<2.5	<5.0	<5.0	<5.0	<50	--	7.8
	07/30/96		6.04	--	1.57	--		--	--	--	--	--	--	--	--	--	--
	11/04/96		7.76	--	-0.15	-1.69		--	--	--	--	--	--	--	--	--	--
	11/05/96		--	--	--	--		<50	--	--	<0.50	<1.0	<1.0	<1.0	<10	--	7.8
	05/17/97		6.42	--	1.19	--		--	--	--	--	--	--	--	--	--	--
	08/11/97		6.06	--	1.55	0.36		--	--	--	--	--	--	--	--	--	--
	11/17/97		9.07	--	-1.46	-3.01		<50	--	--	<0.50	<1.0	<1.0	<1.0	<10	--	7.1
	01/29/98		7.44	--	0.17	1.63		--	--	--	--	--	--	--	--	--	--
	06/22/98		7.39	--	0.22	0.05		--	--	--	--	--	--	--	--	--	--
	12/30/98		5.51	--	2.10	--		--	--	--	--	--	--	--	--	--	--
	03/09/99		5.57	--	2.04	-0.06		--	--	--	--	--	--	--	--	--	--
	06/23/99		6.69	--	0.92	-1.12		--	--	--	--	--	--	--	--	--	--
	09/23/99		6.23	--	1.38	0.46		--	--	--	--	--	--	--	--	--	--
	12/28/99		6.08	--	1.53	0.15		--	--	--	--	--	--	--	--	--	--
	03/22/00		4.88	--	2.73	1.20		--	--	--	--	--	--	--	--	--	--
	05/26/00		5.42	--	2.19	-0.54		--	--	--	--	--	--	--	--	--	--
	09/15/00		5.79	--	1.82	-0.37		--	--	--	--	--	--	--	--	--	--
	12/11/00		5.93	--	1.68	-0.14		--	--	--	--	--	--	--	--	--	--
	03/29/01		5.24	--	2.37	0.69		600	--	--	<2.5	<2.5	<2.5	<7.5	636	--	--

Table 1
Groundwater Elevation and Analytical Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-7	06/27/01		5.69	–	1.92	-0.45		590	--	–	<2.5	<2.5	<2.5	<7.5	739	--	–
(cont.)	09/19/01		5.89	–	1.72	-0.20		560	--	–	<5.0	<5.0	<5.0	<15	1,190	--	–
	12/28/01		4.53	--	3.08	1.36		910	--	–	22.7	<2.5	<2.5	<5.0	856	--	–
	03/12/02		4.71	--	2.90	-0.18		620	--	--	<2.5	<2.5	<2.5	<5.0	675	--	--
	06/13/02		5.21	--	2.40	-0.50		860	–	--	<2.5	<2.5	<2.5	<5.0	1,470	–	--
	09/06/02		5.77	--	1.84	-0.56		350	–	--	<2.5	<2.5	<2.5	<2.5	690	–	--
	12/13/02		5.65	–	1.96	0.12	h	1,300	–	–	<10	<10	<10	<10	1,800	–	–
	02/19/03		5.07	–	2.54	0.58	i	1,700	–	--	<10	<10	<10	<10	1,600	–	–
	06/06/03		5.27	–	2.34	-0.20		1,000	–	–	<5.0	<5.0	<5.0	<5.0	510	–	--
	08/07/03		5.52	–	2.09	-0.25		510	–	–	<5.0	<5.0	<5.0	<5.0	520	–	--
	11/20/03		5.79	–	1.82	-0.27		330	–	–	<2.5	<2.5	<2.5	<2.5	270	–	--
	04/28/04		5.20	--	2.41	--		<250	–	--	<2.5	<2.5	<2.5	<2.5	71	–	--
	08/26/04		5.65	--	1.96	-0.45		450	–	--	<2.5	<2.5	<2.5	2.8	150	<0.50	--
	12/01/04		5.79	--	1.82	-0.14		100	–	--	<1.0	<1.0	<1.0	<1.0	25	--	–
	02/02/05		4.92	--	2.69	0.87		81	--	--	<0.50	<0.50	<0.50	<0.50	31	--	–
	04/25/05	10.11	4.88	--	5.23	–		67	--	–	<0.50	<0.50	<0.50	0.64	41	--	–
	09/30/05		5.62	--	4.49	-0.74	n	58	--	–	<0.50	<0.50	<0.50	<1.0	18	--	–
	12/28/05		**4.93**	–	**5.18**	**0.69**		**<500**	–	--	**<5.0**	**<5.0**	**<5.0**	**<10**	**7.4**	--	**1.0**
MW-8	10/12/93	8.60	5.86	–	2.74	--	e	<50	--	–	<0.50	<0.50	<0.50	<0.50	11.1	–	--
	02/15/94		5.50	–	3.10	0.36	e	380	--	–	<0.50	<0.50	<0.50	<0.50	<5.0	–	3.3
	05/11/94		5.09	–	3.51	0.41	e	330	--	–	<0.50	1.2	<0.50	1.9	<5.0	–	8.5
	08/01/94		5.20	–	3.40	-0.11	e	260	--	--	<0.50	1.2	2.9	5.8	<5.0	–	2.3
	10/18/94		5.70	–	2.90	-0.50	e	82	–	–	<0.50	<0.50	<0.50	<0.50	<5.0	–	6.4
	01/13/95		4.96	--	3.64	0.74		<50	--	–	<0.50	<0.50	<0.50	<1.0	--	--	6.9
	04/13/95		5.40	--	3.20	-0.44		270	--	–	<0.50	<0.50	<0.50	4.4	--	--	8.4
	07/11/95		6.01	--	2.59	-0.61		320	--	–	<0.50	<0.50	<0.50	3.5	--	--	8.0
	11/02/95		6.81	--	1.79	-0.80		100	--	–	<0.50	<0.50	<0.50	<1.0	<5.0	–	8.7
	02/05/96		6.12	--	2.48	0.69		<50	--	–	<5.0	<10	<10	<10	<100	--	1.5
	04/24/96		6.23	--	2.37	-0.11		<50	--	–	<5.0	<10	<10	<10	<100	–	8.7
	07/15/96		6.70	–	1.90	-0.47		<250	–	–	<2.5	<5.0	<5.0	<5.0	<50	–	8.4
	07/30/96		6.64	–	1.96	--		--	–	–	--	–	--	–	–	–	--
	11/04/96		8.36	–	0.24	-1.66		--	–	–	--	–	--	–	–	–	--
	11/05/96		--	–	–	--		<50	–	–	<0.50	<1.0	<1.0	<1.0	<10	–	7.2
	05/17/97		7.03	–	1.57	--		--	–	–	–	--	--	--	--	–	--

Table 1
Groundwater Elevation and Analytical Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-8	08/11/97		6.05	--	2.55	0.98		--	--	--	--	--	--	--	--	--	--
(cont.)	11/17/97		9.14	--	-0.54	-3.09		<50	--	--	<0.50	<1.0	<1.0	<1.0	<10	--	7.7
	01/29/98		7.90	--	0.70	1.24		--	--	--	--	--	--	--	--	--	--
	06/22/98		7.72	--	0.88	0.18		--	--	--	--	--	--	--	--	--	--
	12/30/98			Well Inaccessible													
	03/09/99			Well Inaccessible													
	06/23/99		4.70	--	3.90	--		--	--	--	--	--	--	--	--	--	--
	09/23/99		4.22	--	4.38	0.48		--	--	--	--	--	--	--	--	--	--
	12/28/99		4.12	--	4.48	0.10		--	--	--	--	--	--	--	--	--	--
	03/22/00		4.71	--	3.89	-0.59		--	--	--	--	--	--	--	--	--	--
	05/26/00		4.98	--	3.62	-0.27		--	--	--	--	--	--	--	--	--	--
	09/15/00		4.62	--	3.98	0.36		--	--	--	--	--	--	--	--	--	--
	12/11/00		4.77	--	3.83	-0.15		--	--	--	--	--	--	--	--	--	--
	03/29/01			Well Inaccessible													
	06/27/01		5.11	--	3.49	--		570	--	--	<2.5	<2.5	2.58	<7.5	3.43	--	--
	09/19/01		5.00	--	3.60	0.11		<500	--	--	<5.0	<5.0	<5.0	<15	<5.0	--	--
	12/28/01		4.15	--	4.45	0.85		440	--	--	<0.50	<0.50	0.98	<1.0	6.27	--	--
	03/12/02		4.35	--	4.25	-0.20		330	--	--	<2.5	<2.5	<2.5	<5.0	8.69	--	--
	06/13/02		5.09	--	3.51	-0.74		<500	--	--	<5.0	<5.0	<5.0	<10	16.4	--	--
	09/06/02		5.18	--	3.42	-0.09		98	--	--	<0.50	<0.50	<0.50	<0.50	76	--	--
	12/13/02		4.84	--	3.76	0.34	h	120	--	--	<0.50	<0.50	0.94	0.52	140	--	--
	02/19/03		4.45	--	4.15	0.39	i	<2,500	--	--	<25	<25	<25	<25	800	--	--
	06/06/03		5.00	--	3.60	-0.55		<50,000	--	--	<500	<500	<500	<500	17,000	--	--
	08/07/03		4.84	--	3.76	0.16		<2,500	--	--	<25	<25	<25	<25	2,400	--	--
	11/20/03		4.48	--	4.12	0.36		<2,500	--	--	<25	<25	<25	<25	1,400	--	--
	04/28/04		9.66	--	-1.06	--		730	--	--	<2.5	<2.5	<2.5	<2.5	170	--	--
	08/26/04		4.73	--	3.87	4.93		<2,500	--	--	<25	<25	<25	<25	170	<25	--
	12/01/04		4.80	--	3.80	-0.07		<250	--	--	<2.5	<2.5	<2.5	<2.5	36	--	--
	02/02/05		4.50	--	4.10	0.30		810	--	--	<0.50	<0.50	<0.50	<0.50	41	--	--
	04/25/05	11.08	4.99	--	6.09	--		1,400	--	--	<12	<12	<12	<12	32	--	--
	09/30/05		4.89	--	6.19	0.10	m	840	--	--	<5.0	<5.0	<5.0	<10	17	--	--
	12/28/05		**4.81**	**--**	**6.27**	**0.08**		**<250**	**--**	**--**	**<2.5**	**<2.5**	**<2.5**	**<5.0**	**17**	**--**	**0.5**

Table 1
Groundwater Elevation and Analytical Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-9	10/12/93	8.08	5.66	0.08	2.36	--		--	--	--	--	--	--	--	--	--	--
	02/15/94		5.32	0.05	2.72	0.36		--	--	--	--	--	--	--	--	--	--
	05/11/94		5.57	--	2.51	-0.21		--	--	--	--	--	--	--	--	--	--
	08/01/94		6.25	--	1.83	-0.68		--	--	--	--	--	--	--	--	--	--
	10/18/94		5.59	0.13	2.39	0.56		--	--	--	--	--	--	--	--	--	--
	01/13/95		4.42	0.14	3.56	1.16		--	--	--	--	--	--	--	--	--	--
	04/13/95		4.06	0.11	3.94	0.38		--	--	--	--	--	--	--	--	--	--
	07/11/95		4.21	0.08	3.81	-0.13		--	--	--	--	--	--	--	--	--	--
	11/02/95		5.22	0.05	2.82	-0.99		--	--	--	--	--	--	--	--	--	--
	02/05/96		4.76	0.01	3.31	0.49		--	--	--	--	--	--	--	--	--	--
	04/24/96		4.62	0.09	3.39	0.08		--	--	--	--	--	--	--	--	--	--
	07/15/96		5.11	0.04	2.94	-0.45		--	--	--	--	--	--	--	--	--	--
	07/30/96		5.15	--	2.93	--		--	--	--	--	--	--	--	--	--	--
	11/04/96		6.75	0.01	1.32	-1.62		--	--	--	--	--	--	--	--	--	--
	05/17/97		--	--	--	--	c	97,000	--	--	16,000	8,200	2,300	--	39,000	--	--
	05/17/97		5.42	--	2.66	--		97,000	--	--	16,000	7,700	2,300	--	40,000	--	7.0
	08/11/97		--	--	--	--	c	100,000	--	--	14,000	360	3,200	5,790	27,000	--	--
	08/11/97		5.37	--	2.71	0.05		71,000	--	--	12,000	340	2,100	4,300	26,000	--	9.1
	11/17/97		--	--	--	--	c	100,000	--	--	24,000	5,300	3,500	--	35,000	--	--
	11/17/97		5.62	Sheen	2.46	-0.25		100,000	--	--	22,000	4,800	3,100	--	32,000	--	8.3
	01/29/98		--	--	--	--	c	250,000	--	--	20,000	--	3,100	--	--	--	--
	01/29/98		4.07	Sheen	4.01	1.55		250,000	--	--	20,000	--	3,100	--	--	--	6.6
	06/22/98		--	--	--	--	c	290,000	--	--	20,000	--	3,800	--	--	--	--
	06/22/98		4.26	--	3.80	-0.21		280,000	--	--	21,000	--	3,800	--	--	--	5.8
	12/30/98		4.95	--	3.13	--		150,000	--	--	10,000	3,800	2,000	9,600	86,000/89,000	--	--
	03/09/99		3.95	--	4.13	1.00		82,000	--	--	6,800	570	1,400	4,700	--	--	--
	06/23/99		5.12	--	2.96	-1.17		41,000	--	--	11,000	820	2,300	5,200	92,000	--	--
	09/23/99		4.74	--	3.34	0.38		57,000	--	--	12,000	5,400	1,900	9,500	89,000	--	--
	12/28/99		4.58	--	3.50	0.16		46,000	--	--	15,000	490	2,500	3,500	--	--	--
	03/22/00		3.90	--	4.18	0.68		86,000	--	--	18,000	1,800	2,300	6,800	--	--	--
	05/26/00		4.15	--	3.93	-0.25		82,000	--	--	17,000	680	1,800	3,800	--	--	--
	09/06/00		4.47	--	3.61	-0.32		100,000	--	--	19,000	280	2,400	6,400	84,000	--	--
	09/15/00		4.34	--	3.74	--		--	--	--	--	--	--	--	--	--	--
	12/11/00		4.41	--	3.67	0.06		110,000	--	--	14,400	768	2,610	6,670	--	--	--
	03/29/01		Well Inaccessible														

Table 1
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1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
MW-9	06/26/01		5.03	0.13	2.95	--	f		Not Sampled Due to the Presence of LPH								
(cont.)	09/19/01		--	--	--	--			Not Sampled Due to the Presence of LPH								
	12/28/01		3.73	--	4.35	--		110,000	--	--	15,000	1,500	2,280	5,530	60,900	--	--
	03/12/02		4.93	--	3.15	-1.20		88,000	--	--	12,500	2,600	2,800	8,950	44,000	--	--
	06/13/02		4.13	--	3.95	0.80		59,000	--	--	9,870	161	2,560	5,560	35,600	--	--
	09/06/02		4.39	--	3.69	-0.26		47,000	--	--	10,000	<100	2,100	4,600	31,000	--	--
	12/13/02		3.97	--	4.11	0.42	h	57,000	--	--	11,000	1,000	2,300	5,800	28,000	--	--
	02/19/03		3.25	--	4.83	0.72	i	76,000	--	--	10,000	2,100	3,000	8,900	11,000	--	--
	06/06/03		3.94	--	4.14	-0.69		66,000	--	--	9,000	<500	2,500	4,400	17,000	--	--
	08/07/03		3.92	Sheen	4.16	0.02		53,000	--	--	7,600	<250	2,600	4,700	17,000	--	--
	11/20/03		4.89	--	3.19	-0.97		40000	--	--	6,800	<250	860	1,100	16,000	--	--
	04/28/04		3.19	Sheen	4.89	--		47000	--	--	5,600	690	2,300	6,800	8,500	--	--
	08/26/04		3.61	--	4.47	-0.42		35000	--	--	3,700	500	1,300	5,300	6,500	<50	--
	12/01/04		3.99	--	4.09	-0.38		36000	--	--	3,500	<250	1,200	4,300	8,300	--	--
	02/02/05		3.71	Sheen	4.37	0.28		21000	--	--	1,800	130	670	2,000	3,600	--	--
	04/25/05	10.55	3.31	Sheen	7.24	--		5,900	--	--	190	<5.0	120	77	540	--	--
	09/30/05		4.02	--	6.53	-0.71	m	26,000	--	--	2,400	360	1,600	4,200	2,400	--	--
	12/28/05		**2.99**	**--**	**7.56**	**1.03**		**14,000**	**--**	**--**	**1,400**	**22**	**350**	**450**	**2,200**	**--**	**0.9**
MW-10	04/25/05	12.53	8.37	--	4.16	--		<50	--	--	<0.50	<0.50	<0.50	<0.50	1.5	--	--
	09/30/05		8.41	--	4.12	-0.04	o	<50	--	--	<0.50	<0.50	<0.50	<1.0	1.5	--	--
	12/28/05		**7.78**	**--**	**4.75**	**0.63**		**<50**	**--**	**--**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**0.78**	**--**	**1.5**
MW-11	04/25/05	14.55	9.29	--	5.26	--		<50	--	--	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	09/30/05		10.23	--	4.32	-0.94		<50	--	--	<0.50	<0.50	<0.50	<1.0	<0.50	--	--
	12/28/05		**9.09**	**--**	**5.46**	**1.14**		**<50**	**--**	**--**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**--**	**2.3**
QC-2	11/05/92		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<0.50	--	--	--
	10/12/93		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<0.50	--	--	--
	02/15/94		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<0.50	--	--	--
	05/11/94		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<0.50	--	--	--
	08/01/94		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<0.50	--	--	--
	10/18/94		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<0.50	--	--	--
	01/13/95		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--	--
	04/13/95		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--	--

Table 1
Groundwater Elevation and Analytical Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)
QC-2	07/11/95		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--	--
(cont.)	11/02/95		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<1.0	<5.0	--	--
	02/05/96		--	--	--	--		<50	--	--	<0.50	<1.0	<1.0	<1.0	<10	--	--
	04/24/96		--	--	--	--		<50	--	--	<0.50	<1.0	<1.0	<1.0	<10	--	--
	07/16/96		--	--	--	--		<50	--	--	<0.50	<1.0	<1.0	<1.0	<10	--	--
QCTB	09/30/05		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<1.0	<0.50	--	--
	12/28/05		--	--	--	--		**<50**	--	--	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	--	--

Notes:

amsl	Above mean sea level	QC-2 or QCTB	Travel blank or Quality control trip blank
DO	Dissolved oxygen	TOC	Top of casing
DRO	Diesel range organics	TOG	Total petroleum hydrocarbons as oil and grease
EPA	Environmental Protection Agency	TPHd	Total petroleum hydrocarbons as diesel
ft	Feet	TPHg	Total petroleum hydrocarbons as gasoline
GRO	Gasoline range organics	mg/L	Milligrams per liter
GWE	Groundwater Elevation	µg/L	Micrograms per liter
HVOCs	Halogenated volatile organic compounds	89,000/86,000	Analyzed by EPA Method 8020/8260
LPH	Liquid phase hydrocarbons	--	Not measured, analyzed, or applicable
MtBE	Methyl tertiary butyl ether	<	Not detected at or above the stated laboratory method reporting limit
ND	Non-detectable		

a Top of casing elevations surveyed relative to an established benchmark with an elevation of 8.11 feet amsl.
b Groundwater elevations adjusted assuming a specific gravity of 0.75 for LPH.
c Blind duplicate.
d Depth to water anomalous; groundwater elevation not used in contouring.
e A copy of the documentation for this data can be found in Blaine Tech Services report 010627-Z-1. MtBE data for November 2, 1992 sampling event has been destroyed. No chromatograms could be located for MtBE data from well MW-5, sampled on October 12, 1993.
f Groundwater elevation is an estimate.
g Unable to sample.
h EPA Methods 8015B/8021B used.
i Beginning in the first quarter 2003, TPHg and VOCs analyzed by EPA Method 8260B.
j Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel (DRO).

Table 1
Groundwater Elevation and Analytical Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	TOC Well Elevation (ft, amsl)[a]	Depth to Water (ft, below TOC)	LPH Thickness (ft)	GWE[b] (ft, amsl)	GWE Change (ft)	Notes	TPHg or GRO (µg/L)	TPHd or DRO (µg/L)	TOG (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-Benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	HVOCS (µg/L)	DO (mg/L)

Notes (cont.)

k HVOC detected was methylene chloride.

l Laboratory indicated the presence of unidentified hydrocarbons based on diesel.

m Reporting limits raised due to the high level of analyte present in the sample.

n The concentration reported reflects individual or discrete unidentified peaks not matching a typical gasoline fuel pattern.

o Siloxane peaks, unrelated to gasoline, found in the sample. If quantified, the concentration would be 59 µg/L.

Between the second quarter 2002 and second quarter 2005, URS Corporation assumed groundwater monitoring activities for the site. The data in this table collected prior to June 2002 was provided to URS by RM and their previous consultants. SECOR took over groundwater monitoring activities beginning third quarter 2005; the historical data prior to the third quarter 2005 has not been verified.

Table 2
Historical Groundwater Gradient Data

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Date Sampled	Approximate Groundwater Flow Direction	Approximate Hydraulic Gradient (ft/ft)
03/29/01	S	0.020
06/27/01	S	0.020
09/19/01	S	0.020
12/28/01	S	0.035
03/12/02	S-SE	0.018
06/13/02	NW-SE	0.007
09/06/02	S	0.010
12/13/02	SE	0.020
02/19/03	W-SW	0.025
06/06/03	E-SW	0.018-0.041
08/07/03	E-SW	0.019-0.038
11/20/03	NW-SE	0.014-0.040
02/05/04	NW-SE	0.020
04/28/04	W-SW	0.023-0.025
08/26/04	S-SW	0.036
12/01/04	NW-SE	0.020
02/02/05	S	0.020
04/25/05	SW	0.020
09/30/05	SW	0.081
12/28/05	**SW**	**0.081**

Notes:
--- = Historical quarterly report not available.
ft/ft = Feet per Foot

Table 3
Groundwater Analytical Data - Additional Fuel Oxygenates, 1,2-DCA, and EDB

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	Ethanol (µg/L)	TBA (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Notes
MW-1	06/06/03	<5,000	<1,000	<25	<25	<25	–	–	
	08/07/03	<1,000	560	<5.0	<5.0	12	<5.0	<5.0	
	11/20/03	1,800[a]	<200	<5.0	<5.0	<5.0	–	–	
	04/28/04	<1,000	950	<5.0	<5.0	<5.0	<5.0	<5.0	
	08/26/04	<500	320	<2.5	<2.5	<2.5	<2.5	<2.5	b
	12/01/04	<1,000	300	<5.0	<5.0	<5.0	<5.0	<5.0	
	02/02/05	<500[b]	6,700	<2.5	<2.5	<2.5	<2.5	<2.5	
	04/25/05	<500	5,000	<2.5	<2.5	<2.5	<2.5	<2.5	
	09/30/05	<500	1,200	13	<5.0	<5.0	<5.0	<5.0	e
	12/28/05	**<1,000**	**1,800**	**<10**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	
MW-2	06/06/03	<200,000	<40,000	<1,000	<1,000	1,300	–	–	
	08/07/03	<100,000	45,000	<500	<500	1,300	<500	<500	
	11/20/03	<20,000	48,000	<100	<100	200	–	–	
	04/28/04	<50,000	59,000	<250	<250	<250	<250	<250	
	08/26/04	23	<10,000	<250	<250	320	<250	<250	b
	12/01/04	<20,000	<4,000	<100	<100	230	<100	<100	
	02/02/05	<20,000[b]	4,000	<100	<100	260	<100	<100	
	04/25/05	<10,000	3,700	<50	<50	220	<50	<50	
	09/30/05	<5,000	4,700	<50	<50	270	<50	<50	e
	12/28/05	**<20,000**	**6,300**	**<200**	**<100**	**410**	**<100**	**<100**	
MW-3	06/06/03	<1,000	<200	<5.0	<5.0	16	--	–	
	08/07/03	<1,000	<200	<5.0	<5.0	20	<5.0	<5.0	
	11/20/03	<100	<20	<0.50	<0.50	1.4	--	–	
	04/28/04	<200	<40	<1.0	<1.0	3.9	<1.0	<1.0	
	08/26/04	<5.0	260	<0.50	<0.50	2.0	<0.50	<0.50	b
	12/01/04	<200	610	<1.0	<1.0	<1.0	<1.0	<1.0	
	02/02/05	<200[b]	<40	<1.0	<1.0	1.1	<1.0	<1.0	
	04/25/05	<500[b]	160	<2.5	<2.5	10	<2.5	<2.5	
	09/30/05	<50	270	<0.50	<0.50	0.68	<0.50	<0.50	
	12/28/05	**<100**	**<5.0**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-4	06/06/03	<10,000	2,500	<50	<50	190	--	–	
	08/07/03	<10,000	2,400	<50	<50	160	<50	<50	
	11/20/03	<20,000	<4,000	<100	<100	310	–	–	
	04/28/04	<50,000	15,000	<250	<250	<250	<250	<250	
	08/26/04	<5.0	16,000	<25	<25	60	<25	<25	
	12/01/04	<2,000	19,000	<10	<10	10	<10	<10	
	02/02/05	<1,000[b]	19,000	<5.0	<5.0	10	<5.0	<5.0	
	04/25/05	<1,000	18,000	<5.0	<5.0	<5.0	<5.0	<5.0	
	09/30/05	<2,500	30,000	<25	<25	<25	<25	<25	e
	12/28/05	**<5,000**	**27,000**	**<50**	**<25**	**<25**	**<25**	**<25**	
MW-5	06/06/03	<1,000	<200	<5.0	<5.0	<5.0	--	--	
	08/07/03	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	
	11/20/03	<500	<100	<2.5	<2.5	<2.5	--	–	
	04/28/04	<500	<100	<2.5	<2.5	<2.5	<2.5	<2.5	
	08/26/04	8.3	<100	<2.5	<2.5	<2.5	<2.5	<2.5	
	12/01/04	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	

Table 3
Groundwater Analytical Data - Additional Fuel Oxygenates, 1,2-DCA, and EDB

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

Well No.	Sampling Date	Ethanol (µg/L)	TBA (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Notes
MW-5	02/02/05	<500[b]	<100	<2.5	<2.5	<2.5	<2.5	<2.5	
(cont.)	04/25/05	<500	<100	<2.5	<2.5	<2.5	<2.5	<2.5	
	09/30/05	<100	27	<1.0	<1.0	<1.0	<1.0	<1.0	e
	12/28/05	**<400**	**<20**	**14**	**<2.0**	**<2.0**	**<2.0**	**<2.0**	
MW-6	06/06/03	<1,000	<200	<5.0	<5.0	21	–	–	
	08/07/03	<1,000	<200	<5.0	<5.0	20	<5.0	<5.0	
	11/20/03	<100	<20	<0.50	<0.50	12	–	–	
	04/28/04	<500	<100	<2.5	<2.5	12	<2.5	<2.5	
	08/26/04	11	<100	<2.5	<2.5	12	<2.5	<2.5	b
	12/01/04	<500	<100	<2.5	<2.5	11	<2.5	<2.5	
	02/02/05	<100[b]	32	<0.50	<0.50	6.2	<0.50	<0.50	
	04/25/05	<100[b]	45	<0.50	<0.50	6.0	<0.50	<0.50	
	09/30/05	<200	280	<2.0	<2.0	4.4	<2.0	<2.0	e
	12/28/05	**<100**	**160**	**<1.0**	**<0.50**	**2.0**	**<0.50**	**<0.50**	
MW-7	06/06/03	<1,000	<200	<5.0	<5.0	41	–	–	
	08/07/03	<1,000	<200	<5.0	<5.0	43	<5.0	<5.0	
	11/20/03	<500	1,300	<2.5	<2.5	8.9	–	–	
	04/28/04	<500	880	<2.5	<2.5	3.5	<2.5	<2.5	
	08/26/04	6.0	4,800	<2.5	<2.5	7.8	<0.50	<0.50	
	12/01/04	<200	1,400	<1.0	<1.0	1.1	<1.0	<1.0	
	02/02/05	<100[b]	830	<0.50	<0.50	1.8	<0.50	<0.50	
	04/25/05	<100[b]	520	<0.50	<0.50	2.1	<0.50	<0.50	
	09/30/05	<50	450	<0.50	<0.50	1.5	<0.50	<0.50	
	12/28/05	**<1,000**	**1,600**	**<10**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	
MW-8	06/06/03	<100,000	<20,000	<500	<500	<500	–	–	
	08/07/03	<5,000	<1,000	<25	<25	44	<25	<25	
	11/20/03	<5,000	4,100	<25	<25	<25	–	–	b
	04/28/04	<500	42,000	<2.5	<2.5	<2.5	<2.5	<2.5	c
	08/26/04	<5.0	47,000	<25	<25	<25	<25	<25	
	12/01/04	<500	9,700	<2.5	<2.5	<2.5	<2.5	<2.5	
	02/02/05	<100[b]	<20	<0.50	0.72	0.64	<0.50	<0.50	
	04/25/05	<2,500	45,000	<12	<12	<12	<12	<12	
	09/30/05	<500	8,500	<5.0	<5.0	<5.0	<5.0	<5.0	e
	12/28/05	**<500**	**7,400**	**<5.0**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	
MW-9	06/06/03	<100,000	<20,000	<500	<500	<500	–	–	
	08/07/03	<50,000	<10,000	<250	<250	350	<250	<250	
	11/20/03	<50,000	12,000	<250	<250	<250	–	–	
	04/28/04	<25,000	<5,000	<120	<120	170	<120	<120	
	08/26/04	13.00	2,600[d]	<50	<50	140	<50	<50	
	12/01/04	<50,000	<10,000	<250	<250	<250	<250	<250	
	02/02/05	<10,000[b]	5,600	<50	<50	88	<50	<50	
	04/25/05	<1,000[b]	1,400	<5.0	<5.0	14	<5.0	<5.0	
	09/30/05	<2,000	520	<20	<20	61	<20	<20	e
	12/28/05	**<2,000**	**1,800**	**<20**	**<10**	**49**	**<10**	**<10**	

Table 3

Groundwater Analytical Data - Additional Fuel Oxygenates, 1,2-DCA, and EDB

76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California

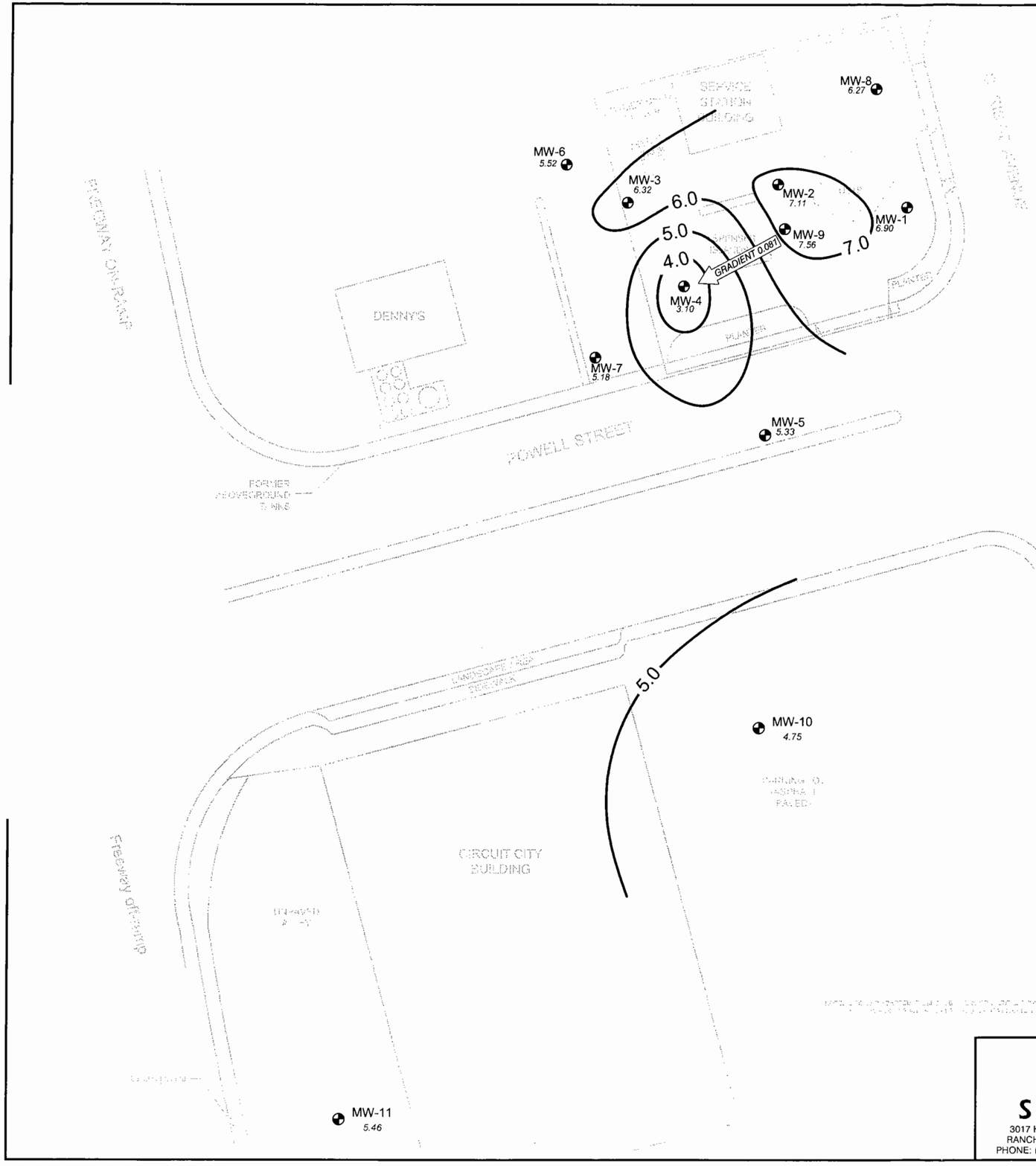
Well No.	Sampling Date	Ethanol (µg/L)	TBA (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Notes
MW-10	04/25/05	<100[b]	<20	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/30/05	<50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/28/05	**<100**	**<5.0**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-11	04/25/05	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/30/05	<50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/28/05	**<100**	**<5.0**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	

Notes:

DIPE	Di-isopropyl ether
EDB	Ethylene dibromide
EtBE	Ethyl tertiary butyl ether
TAME	Tertiary amyl methyl ether
TBA	Tertiary butyl alcohol
1,2-DCA	1,2-Dichloroethane
µg/L	Micrograms per liter
<	Less than the stated laboratory method reporting limit
a	Confirmatory analysis was past holding time.
b	The continuing calibration verification was outside of client contractual acceptance limits. However, it was within method acceptance limits. The data should still be useful for its intended purpose.
c	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
d	Initial analysis within holding time but required dilution.
e	Reporting limits raised due to high level of analyte present in the sample.

Between the second quarter 2002 and second quarter 2005, URS Corporation assumed groundwater monitoring activities for the site. The data in this table collected prior to June 2002 was provided to URS by RM and their previous consultants. SECOR took over groundwater monitoring activities beginning third quarter 2005; the historical data prior to the third quarter 2005 has not been verified.

FIGURES



LEGEND:

- MW-1 — GROUNDWATER MONITORING WELL
- GRADIENT — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- 0.0 — GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MEAN SEA LEVEL)
- 0.0 — GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)

N

0 50 100

SCALE IN FEET

SECOR
3017 KILGORE ROAD, SUITE 100
RANCHO CORDOVA, CALIFORNIA
PHONE: (916) 861-0400/861-0430 (FAX)

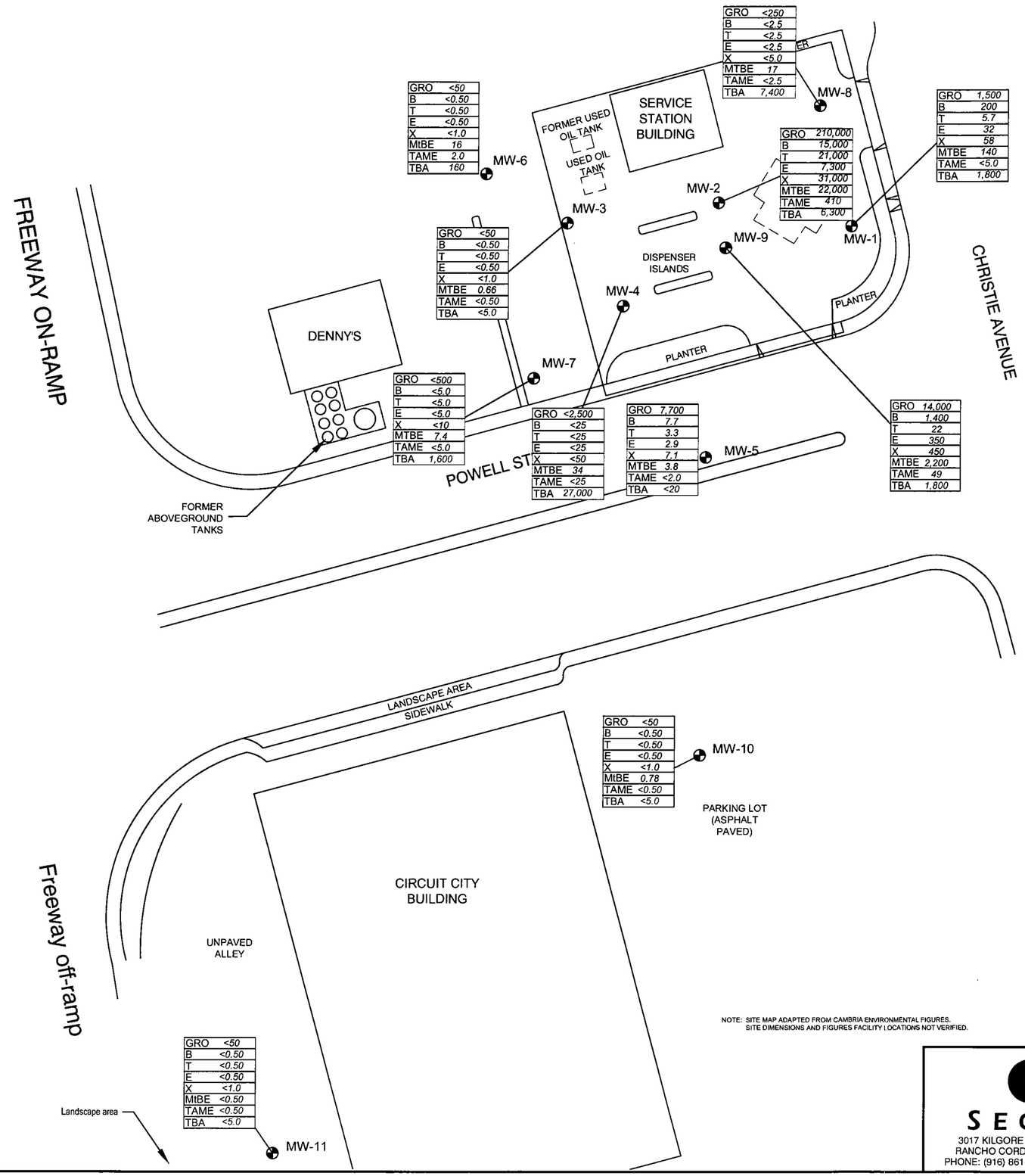
FOR:
76 (FORMER BP)
SERVICE STATION NO. 11126
1700 POWELL STREET
EMERYVILLE, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
DECEMBER 28, 2005

FIGURE: **1**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.11126	MDR	KC	KF	3/15/06

Q:\CADD-77\BP-ARCO\11126\AUTOPOSTING\4Q-05\11126-GW ELEV.dwg, drov, 11x17



NOTE: SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES.
SITE DIMENSIONS AND FIGURES FACILITY LOCATIONS NOT VERIFIED.

LEGEND:

MW-1 GROUNDWATER MONITORING WELL

CHEMICAL ANALYTICAL RESULTS:

ANALYTE	CONCENTRATION (µg/L)
GRO	
B	
T	
E	
X	
MtBE	
TAME	
TBA	

ANALYTES:

GRO — GASOLINE RANGE ORGANICS
BTEX — BENZENE, TOLUENE, ETHYLBENZENE, XYLENE
MtBE — METHYL TERTIARY BUTYL ETHER
TAME — TERTIARY AMYL METHYL ETHER
TBA — TERT-BUTANOL
µg/L MICROGRAMS PER LITER
< LESS THAN STATED LABORATORY METHOD DETECTION LIMIT

N

0 50 100

SCALE IN FEET

SECOR
3017 KILGORE ROAD, SUITE 100
RANCHO CORDOVA, CALIFORNIA
PHONE: (916) 861-0400/861-0430 (FAX)

FOR:
76 (FORMER BP)
SERVICE STATION NO. 11126
1700 POWELL STREET
EMERYVILLE, CALIFORNIA

GROUNDWATER CHEMICAL CONCENTRATION MAP
DECEMBER 28, 2005

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.11126	DWR	KC	KF	3/3/06

ATTACHMENT 1
SECOR'S PROCEDURES FOR GROUNDWATER MONITORING AND SAMPLING, AND EQUIPMENT DECONTAMINATION

Quarterly Groundwater Monitoring Report - Fourth Quarter 2005
76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California
SECOR Project Nos.: 77CP.60126.01.0003/
77BP.50126.00.0436

SECOR INTERNATIONAL INCORPORATED

STANDARD PROCEDURE FOR EQUIPMENT DECONTAMINATION

Equipment that could potentially contact subsurface media and compromise the integrity of the samples is carefully decontaminated prior to sampling. Samplers, groundwater pumps, liners and other equipment are decontaminated in an Alconox scrub solution and double rinsed in clean tap water rinse followed by a final distilled water rinse.

Waste water generated during decontamination of equipment is pumped into a SECOR truck-mounted water tank. The water is then transferred into 55-gallon, steel, Department of Transportation (DOT)-approved drums that are temporarily stored on-site. The waste water is removed from the site by FRS, and transported to their facility for recycling/disposal.

SECOR INTERNATIONAL INCORPORATED

STANDARD PROCEDURE FOR GROUNDWATER SAMPLING

Depth to Groundwater/LPH Thickness Measurements

Prior to purging each of the wells, the depth to groundwater and thickness of LPH, if present, within each well casing is measured to the nearest 0.01 foot using either an electronic Solinst water level indicator or an electronic oil-water interface probe. Measurements are taken from a point of known elevation on the top of each well casing as determined in accordance with previous surveys.

Groundwater Monitoring Well Purging

Where purging is conducted prior to sampling wells that do not contain LPH, a dedicated one-inch diameter polyvinyl chloride (PVC) "stinger," bailer, or groundwater pump may be used to purge the wells. During purging a minimum of three well volumes, measured as the annular space of the well casing below the groundwater surface, are removed from each well. However, in the case of very slow recharging wells, purging is deemed sufficient if the well contents are evacuated during purge operations. Unless recharge takes more than two hours, a well is sampled once if recharged to within 80 percent of the pre-purge groundwater elevation. For very slow recharging wells (wells pumped dry during purging), samples may be collected after two hours of recharge.

To help assure that the collected samples are representative of fresh formation water, the conductivity, temperature, and pH of the delivered effluent are monitored and recorded using a Cambridge Hydac meter, or another meter similar in nature during purge operations. Purge operations are determined to be sufficient once successive measurements of pH, conductivity, and temperature stabilize to within +/- 10 percent.

Groundwater Sample Acquisition and Handling

Following purging operations, groundwater samples are collected from each of the wells, using pre-cleaned, single-sample polypropylene, disposable bailers. The groundwater sample is discharged from the bailer to the sample container through a bottom emptying flow control valve to minimize volatilization.

Collected water samples are discharged directly into laboratory provided, pre-cleaned, 40 milliliter (ml) glass vials and sealed with Teflon-lined septum, screw-on lids. Labels documenting sample number, well identification, collection date and time, type of sample and type of preservative (if applicable) are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California Department of Health Services Environmental Laboratory Accreditation Programs to perform the specified tests.

Trip Blanks

To help assure the quality of the collected samples and to evaluate the potential for cross contamination during transport to the laboratory, a distilled-water trip blank accompanies the samples in the cooler. The trip blank is analyzed for the presence of volatile organic compounds of concern. For petroleum hydrocarbons, the trip blank is typically analyzed for GRO, BTEX, and MtBE by EPA Method 8260B.

Containment and Disposal of Waste Water

Waste water generated during decontamination of equipment and purging is pumped into a SECOR truck-mounted water tank. The purge water is then transferred into 55-gallon, steel, DOT-approved drums that are temporarily stored on-site. The waste water is removed from the site by FRS, and transported to their facility for recycling/disposal.

Related Procedures:

- *Standard Procedure for Equipment Decontamination*

ATTACHMENT 2
GROUNDWATER SAMPLING FIELD DATA SHEETS, CERTIFIED LABORATORY ANALYTICAL REPORT, AND CHAIN-OF-CUSTODY DOCUMENTATION

Quarterly Groundwater Monitoring Report - Fourth Quarter 2005
76 (Former BP) Service Station No. 11126
1700 Powell Street
Emeryville, California
SECOR Project Nos.: 77CP.60126.01.0003/
77BP.50126.00.0436

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: CORD DENNIG | WELL I.D.: MW-1
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: CORD DENNIG | SAMPLE I.D.: MW-1
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: QCTB

DATE PURGED 12/28/05 | START (2400hr) 1330 | END (2400hr) 1347
DATE SAMPLED 12/28/05 | SAMPLE TIME (2400hr) 1402
SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X | 3" ____ | 4" ____ | 5" ____ | 6" ____ | 8" ____ | Other ____
Casing Volume: (gallons per foot) (0.17) | (0.38) | (0.67) | (1.02) | (1.50) | (2.60) | ( )

DEPTH TO BOTTOM (feet) = 11.67 | CASING VOLUME (gal) = 1.43
DEPTH TO WATER (feet) = 3.26 | CALCULATED PURGE (gal) = 4.29
WATER COLUMN HEIGHT (feet) = 8.41 | ACTUAL PURGE (gal) = 4.50

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/28/05	1341	0	18.6	1394	7.34	Semi Clear	Low
	1343	1.5	18.9	1387	7.41	Semi Clear	Low
	1345	3.0	19.2	1401	7.29	Semi Clear	Low
	1347	4.5	19.4	1412	7.37	Semi Clear	Low

SAMPLE INFORMATION
SAMPLE DEPTH TO WATER: 3.42 | SAMPLE TURBIDITY: Low

80% RECHARGE: X YES ___ NO | ANALYSES: See Work Order
ODOR: Slight HC | SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT
___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (PVC)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ____
Other: ____
Pump Depth: ____

SAMPLING EQUIPMENT
___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (___ PVC or ___ disposable)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ____
Other: ____

WELL INTEGRITY: Good | LOCK#: Yes
REMARKS: D.O. 1-0.9

SIGNATURE: [signature]

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: CORD DENNIG | WELL I.D.: MW-2
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: CORD DENNIG | SAMPLE I.D.: MW-2
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: QCTB

DATE PURGED 12/28/05 | START (2400hr) 1549 | END (2400hr) 1607
DATE SAMPLED 12/28/05 | SAMPLE TIME (2400hr) 1622
SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X | 3" ____ | 4" ____ | 5" ____ | 6" ____ | 8" ____ | Other ____
Casing Volume: (gallons per foot) (0.17) | (0.38) | (0.67) | (1.02) | (1.50) | (2.60) | ( )

DEPTH TO BOTTOM (feet) = 12.06 | CASING VOLUME (gal) = 1.33
DEPTH TO WATER (feet) = 4.28 | CALCULATED PURGE (gal) = 3.99
WATER COLUMN HEIGHT (feet) = 7.78 | ACTUAL PURGE (gal) = 4.20

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/28/05	1601	0	19.7	868	6.67	Semi Clear	Low
	1603	1.4	19.0	861	6.61	Semi Clear	Low
	1605	2.8	19.0	863	6.56	Semi Clear	Low
	1607	4.2	19.2	870	6.54	Semi Clear	Low

SAMPLE INFORMATION
SAMPLE DEPTH TO WATER: 4.41 | SAMPLE TURBIDITY: Low

80% RECHARGE: X YES ___ NO | ANALYSES: See Work Order
ODOR: HC | SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT
___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (PVC)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ____
Other: ____
Pump Depth: ____

SAMPLING EQUIPMENT
___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (___ PVC or ___ disposable)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ____
Other: ____

WELL INTEGRITY: Good | LOCK#: Yes
REMARKS: D.O. = 0.4

SIGNATURE: [signature]

Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: CORD DENNIG | WELL I.D.: MW-3
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: CORD DENNIG | SAMPLE I.D.: MW-3
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: QC#3

DATE PURGED 12/28/05 | START (2400hr) 1038 | END (2400hr) 1056
DATE SAMPLED 12/28/05 | SAMPLE TIME (2400hr) 1114
SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X | 3" ____ | 4" ____ | 5" ____ | 6" ____ | 8" ____ | Other ____
Casing Volume: (gallons per foot) (0.17) | (0.38) | (0.67) | (1.02) | (1.50) | (2.60) | ( )

DEPTH TO BOTTOM (feet) = 11.76 | CASING VOLUME (gal) = 1.25
DEPTH TO WATER (feet) = 4.41 | CALCULATED PURGE (gal) = 3.75
WATER COLUMN HEIGHT (feet) = 7.35 | ACTUAL PURGE (gal) = 3.90

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/28/05	1050	0	18.2	491	7.22	Semi Clear	Low
	1052	1.3	18.5	511	7.18	Semi Clear	Low
	1054	2.6	18.6	922	7.12	Semi Clear	Low
↓	1056	3.9	18.6	987	7.06	Semi Clear	Low

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 4.68 | SAMPLE TURBIDITY: Low

80% RECHARGE: X YES ___ NO | ANALYSES: See Work Order
ODOR: None | SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	___ Bailer (___ PVC or ___ disposable)
___ Submersible Pump	___ Bailer (Stainless Steel)	___ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated ____	___ Peristalic Pump	___ Dedicated ____
Other: ____		Other: ____	
Pump Depth: ____			

WELL INTEGRITY: Good | LOCK#: Yes
REMARKS: D.O. = 1.4. Collect 2 unpreserved 1 Liter amber bottles,

SIGNATURE: [signature] | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: CORD DENNIS | WELL I.D.: MW-4
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: CORD DENNIS | SAMPLE I.D.: MW-4
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: QC TB

DATE PURGED 12/28/05 | START (2400hr) 1125 | END (2400hr) 1142
DATE SAMPLED 12/28/05 | SAMPLE TIME (2400hr) 1156
SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X | 3" ____ | 4" ____ | 5" ____ | 6" ____ | 8" ____ | Other ____
Casing Volume: (gallons per foot) (0.17) | (0.38) | (0.67) | (1.02) | (1.50) | (2.60) | ( )

DEPTH TO BOTTOM (feet) = 11.12 | CASING VOLUME (gal) = 0.62
DEPTH TO WATER (feet) = 7.48 | CALCULATED PURGE (gal) = 1.86
WATER COLUMN HEIGHT (feet) = 3.64 | ACTUAL PURGE (gal) = 2.10

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/28/05	1136	0	18.1	486	7.02	Semi Clear	Low
	1138	0.7	18.4	502	7.09	Semi Clear	Low
	1140	1.4	18.7	518	7.06	Semi Clear	Low
↓	1142	2.1	18.9	516	7.08	Semi Clear	Low

SAMPLE INFORMATION
SAMPLE DEPTH TO WATER: 7.61 | SAMPLE TURBIDITY: Low

80% RECHARGE: X YES ___ NO | ANALYSES: See Work Order
ODOR: None | SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT
___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (PVC)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ____
Other: ____
Pump Depth: ____

SAMPLING EQUIPMENT
___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (___ PVC or ___ disposable)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ____
Other: ____

WELL INTEGRITY: Good | LOCK#: Yes
REMARKS: DUP-1.0

SIGNATURE: [signature] | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: CORD DENNG | WELL I.D.: MW-5
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: CORD DENNG | SAMPLE I.D.: MW-5
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: QCTB

DATE PURGED 12/28/05 | START (2400hr) 0815 | END (2400hr) 0832
DATE SAMPLED 12/28/05 | SAMPLE TIME (2400hr) 0847
SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X (0.17) | 3" ____ (0.38) | 4" ____ (0.67) | 5" ____ (1.02) | 6" ____ (1.50) | 8" ____ (2.60) | Other ____ ( )
Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 12.46 | CASING VOLUME (gal) = 1.30
DEPTH TO WATER (feet) = 4.85 | CALCULATED PURGE (gal) = 3.90
WATER COLUMN HEIGHT (feet) = 7.61 | ACTUAL PURGE (gal) = 3.90

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/28/05	0826	0	18.2	614	7.01	Grey	Med.
	0828	1.3	18.4	691	7.08	Grey	Med.
	0830	2.6	18.5	686	6.94	Grey	Med.
	0832	3.9	18.3	671	6.98	Grey	Med.

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.11 | SAMPLE TURBIDITY: Med-Low

80% RECHARGE: X YES ___ NO | ANALYSES: See Work Order
ODOR: HC | SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated ____
Other: ____
Pump Depth: ____

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump
___ Bailer (Teflon)
___ Bailer (___ PVC or ___ disposable)
___ Bailer (Stainless Steel)
___ Dedicated ____
Other: ____

WELL INTEGRITY: Good | LOCK#: Yes
REMARKS: D.C. = 1.10

SIGNATURE: ____ Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: CORD DENNIG | WELL I.D.: MW-6
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: CORD DENNIG | SAMPLE I.D.: MW-6
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: QCTB

DATE PURGED 12/28/05 | START (2400hr) 1206 | END (2400hr) 1223
DATE SAMPLED 12/28/05 | SAMPLE TIME (2400hr) 1237
SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X (0.17) | 3" ____ (0.38) | 4" ____ (0.67) | 5" ____ (1.02) | 6" ____ (1.50) | 8" ____ (2.60) | Other ____ ( )
Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 12.52 | CASING VOLUME (gal) = 1.20
DEPTH TO WATER (feet) = 5.49 | CALCULATED PURGE (gal) = 3.60
WATER COLUMN HEIGHT (feet) = 7.03 | ACTUAL PURGE (gal) = 3.60

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/28/05	1217	0	18.1	1229	6.64	Grey	Med.
	1219	1.2	18.6	1241	6.67	Grey	Med.
	1221	2.4	19.1	1259	6.70	Grey	Med.
	1223	3.6	19.6	1263	6.68	Grey	Med.

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.61 | SAMPLE TURBIDITY: Medium

80% RECHARGE: X YES ___ NO | ANALYSES: See Work Order
ODOR: Slight HC | SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	___ Bailer (___ PVC or ___ disposable)
___ Submersible Pump	___ Bailer (Stainless Steel)	___ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated ____	___ Peristalic Pump	___ Dedicated ____
Other: ____		Other: ____	
Pump Depth: ____			

WELL INTEGRITY: Good | LOCK#: Yes
REMARKS: D.O. — 0.5

SIGNATURE: [signature] | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: CORD DENNIG | WELL I.D.: MW-7
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: CORD DENNIG | SAMPLE I.D.: MW-7
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: QCTB

DATE PURGED 12/28/05 | START (2400hr) 1248 | END (2400hr) 1305
DATE SAMPLED 12/28/05 | SAMPLE TIME (2400hr) 1319
SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X (0.17) | 3" ____ (0.38) | 4" ____ (0.67) | 5" ____ (1.02) | 6" ____ (1.50) | 8" ____ (2.60) | Other ____ ( )
Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 13.81 | CASING VOLUME (gal) = 1.51
DEPTH TO WATER (feet) = 4.93 | CALCULATED PURGE (gal) = 4.53
WATER COLUMN HEIGHT (feet) = 8.88 | ACTUAL PURGE (gal) = 4.80

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/28/05	1259	0	18.4	2041	7.15	Grey	Med.
	1301	1.6	18.8	2067	7.20	Grey	Med.
	1303	3.2	19.2	2081	7.24	Grey	Med.
↓	1305	4.8	19.7	2090	7.21	Grey	Med.

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.09 | SAMPLE TURBIDITY: Medium

80% RECHARGE: X YES ___ NO | ANALYSES: See Work Order
ODOR: Slight HC | SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT

___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (PVC)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ____
Other: ____
Pump Depth: ____

SAMPLING EQUIPMENT

___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (___ PVC or ___ disposable)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ____
Other: ____

WELL INTEGRITY: Good | LOCK#: Yes
REMARKS: D.O. — 1.0

SIGNATURE: [signature] | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: CORD DENNIG | WELL I.D.: MW-8
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: CORD DENNIG | SAMPLE I.D.: MW-8
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: QCTB

DATE PURGED 12/28/05 | START (2400hr) 1506 | END (2400hr) 1523
DATE SAMPLED 12/28/05 | SAMPLE TIME (2400hr) 1538
SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X | 3" ____ | 4" ____ | 5" ____ | 6" ____ | 8" ____ | Other ____
Casing Volume: (gallons per foot) (0.17) | (0.38) | (0.67) | (1.02) | (1.50) | (2.60) | ( )

DEPTH TO BOTTOM (feet) = 13.99 | CASING VOLUME (gal) = 1.56
DEPTH TO WATER (feet) = 4.81 | CALCULATED PURGE (gal) = 4.68
WATER COLUMN HEIGHT (feet) = 9.18 | ACTUAL PURGE (gal) = 4.80

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/28/05	~~1517~~ 1517	0	18.4	1331	6.03	Semi Clear	Low
↓	1519	1.6	19.3	1341	6.04	Semi Clear	Low
↓	1521	3.2	19.6	1359	6.07	Semi Clear	Low
↓	1523	4.8	20.0	1355	6.06	Semi Clear	Low

SAMPLE INFORMATION
SAMPLE DEPTH TO WATER: 4.98 | SAMPLE TURBIDITY: Low

80% RECHARGE: X YES ___ NO | ANALYSES: See Work Order
ODOR: Slight HC | SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT
___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (PVC)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ____
Other: ____
Pump Depth: ____

SAMPLING EQUIPMENT
___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (___ PVC or ___ disposable)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ____
Other: ____

WELL INTEGRITY: Good | LOCK#: Yes
REMARKS: D.O. — 0.5

SIGNATURE: [signature]

Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: CORD DENNIG | WELL I.D.: MW-9
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: CORD DENNIG | SAMPLE I.D.: MW-9
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: QCTB

DATE PURGED 12/28/05 | START (2400hr) 1413 | END (2400hr) 1440
DATE SAMPLED 12/28/05 | SAMPLE TIME (2400hr) 1455
SAMPLE TYPE: Groundwater X | Surface Water ___ | Treatment Effluent ___ | Other ___

CASING DIAMETER: 2" ___ | 3" ___ | 4" X | 5" ___ | 6" ___ | 8" ___ | Other ___
Casing Volume: (gallons per foot) (0.17) | (0.38) | (0.67) | (1.02) | (1.50) | (2.60) | ( )

DEPTH TO BOTTOM (feet) = 14.13
DEPTH TO WATER (feet) = 2.99
WATER COLUMN HEIGHT (feet) = 11.14
CASING VOLUME (gal) = 7.47
CALCULATED PURGE (gal) = 22.41
ACTUAL PURGE (gal) = 22.50

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/28/05	1424	0	19.2	381	7.17	Clear	None
	1429	7.5	19.2	446	6.79	Clear	None
	1434	15.0	19.3	459	6.75	Clear	None
	1440	22.5	19.3	471	6.73	Clear	None

SAMPLE INFORMATION
SAMPLE DEPTH TO WATER: 3.16 | SAMPLE TURBIDITY: None

80% RECHARGE: X YES ___ NO | ANALYSES: See Work Order
ODOR: HC | SAMPLE VESSEL / PRESERVATIVE: ___

PURGING EQUIPMENT
___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (PVC)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ___
Other: ___
Pump Depth: ___

SAMPLING EQUIPMENT
___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (___ PVC or ___ disposable)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ___
Other: ___

WELL INTEGRITY: Good | LOCK#: Yes
REMARKS: D.O. — 0.9

SIGNATURE: [signature]

Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: CORD DENNIG | WELL I.D.: MW-1D
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: CORD DENNIG | SAMPLE I.D.: MW-1D
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: QCTB

DATE PURGED 12/28/05 | START (2400hr) 0955 | END (2400hr) 1017
DATE SAMPLED 12/28/05 | SAMPLE TIME (2400hr) 1026
SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X | 3" ____ | 4" ____ | 5" ____ | 6" ____ | 8" ____ | Other ____
Casing Volume: (gallons per foot) (0.17) | (0.38) | (0.67) | (1.02) | (1.50) | (2.60) | ( )

DEPTH TO BOTTOM (feet) = 17.33 | CASING VOLUME (gal) = 1.63
DEPTH TO WATER (feet) = 7.78 | CALCULATED PURGE (gal) = 4.89
WATER COLUMN HEIGHT (feet) = 9.55 | ACTUAL PURGE (gal) = 5.10

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/28/05	1006	0	17.9	1409	7.02	Semi Clear	Low
	1008	1.7	18.3	1428	7.04	Semi Clear	Low
	1010	3.4	18.7	1441	6.91	Semi Clear	Low
↓	1012	5.1	18.7	1438	6.89	Semi Clear	Low

SAMPLE INFORMATION
SAMPLE DEPTH TO WATER: 7.91 | SAMPLE TURBIDITY: Low

80% RECHARGE: X YES ___ NO | ANALYSES: See Work Order
ODOR: Sulfur | SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	___ Bailer (___ PVC or ___ disposable)
___ Submersible Pump	___ Bailer (Stainless Steel)	___ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated ____	___ Peristalic Pump	___ Dedicated ____
Other: ____		Other: ____	
Pump Depth: ____			

WELL INTEGRITY: Good | LOCK#: Yes
REMARKS: D.O. — 1.5

SIGNATURE: ____ Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: CORD DENNIG | WELL I.D.: MW-11
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: CORD DENNIG | SAMPLE I.D.: MW-11
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: QC #1

DATE PURGED 12/28/05 | START (2400hr) 0912 | END (2400hr) 0929
DATE SAMPLED 12/28/05 | SAMPLE TIME (2400hr) 0944
SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" X (0.17) | 3" ____ (0.38) | 4" ____ (0.67) | 5" ____ (1.02) | 6" ____ (1.50) | 8" ____ (2.60) | Other ____ ( )
Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 17.32 | CASING VOLUME (gal) = 1.40
DEPTH TO WATER (feet) = 9.09 | CALCULATED PURGE (gal) = 4.20
WATER COLUMN HEIGHT (feet) = 8.23 | ACTUAL PURGE (gal) = 4.20

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
12/28/05	0923	0	18.1	524	7.01	Semi Clear	Low
	0925	1.4	18.4	562	6.96	Semi Clear	Low
	0927	2.8	18.4	581	7.02	Semi Clear	Low
	0929	4.2	18.5	611	7.08	Semi Clear	Low

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 9.26 | SAMPLE TURBIDITY: Low

80% RECHARGE: X YES ___ NO | ANALYSES: See Work Order
ODOR: None | SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (PVC)
___ Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____
Other: ____
Pump Depth: ____

SAMPLING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (___ PVC or ___ disposable)
___ Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____
Other: ____

WELL INTEGRITY: Good | LOCK#: Yes
REMARKS: 0.0 - 2.3

SIGNATURE: [signature]

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ANALYTICAL REPORT

Job Number: 720-1282-1

Job Description: CP 11126

For:

Secor International, Inc.
3017 Kilgore Road
Suite 100
Rancho Cordova, CA 95670

Attention: Ms. Krissy Flesoras

Dimple Sharma
Project Manager I
dsharma@stl-inc.com
01/13/2006

METHOD SUMMARY

Client: Secor International, Inc. Job Number: 720-1282-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-SF	SW846 8260B	
Purge-and-Trap	STL-SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL-SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	STL-SF		SW846 3510C
HEM and SGT-HEM by Extraction and Gravimetry	STL-SF	40CFR136A 1664A	
HEM and SGT-HEM by Extraction and	STL-SF		EPA-01 1664A

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

40CFR136A - "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Secor International, Inc. Job Number: 720-1282-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-1282-1	MW-1	Water	12/28/2005 1402	12/30/2005 1415
720-1282-2	MW-2	Water	12/28/2005 1622	12/30/2005 1415
720-1282-3	MW-3	Water	12/28/2005 1114	12/30/2005 1415
720-1282-4	MW-4	Water	12/28/2005 1156	12/30/2005 1415
720-1282-5	MW-5	Water	12/28/2005 0847	12/30/2005 1415
720-1282-6	MW-6	Water	12/28/2005 1237	12/30/2005 1415
720-1282-7	MW-7	Water	12/28/2005 1319	12/30/2005 1415
720-1282-8	MW-8	Water	12/28/2005 1538	12/30/2005 1415
720-1282-9	MW-10	Water	12/28/2005 1026	12/30/2005 1415
720-1282-10	MW-11	Water	12/28/2005 0944	12/30/2005 1415
720-1282-11	QCTB	Water	12/28/2005 0000	12/30/2005 1415
720-1282-12	MW-9	Water	12/28/2005 1455	12/30/2005 1415

Client: Secor International, Inc. Job Number: 720-1282-1

Client Sample ID: **MW-1**

Lab Sample ID: 720-1282-1
Client Matrix: Water

Date Sampled: 12/28/2005 1402
Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 01/06/2006 2210
Date Prepared: 01/06/2006 2210

Analysis Batch: 720-4026

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		5.0
Benzene	200		5.0
Ethanol	ND		1000
Ethylbenzene	32		5.0
MTBE	140		5.0
TAME	ND		5.0
Toluene	5.7		5.0
Xylenes, Total	58		10
TBA	1800		50
DIPE	ND		10
EDB	ND		5.0
Gasoline Range Organics (GRO)-C6-C12	1500		500
Ethyl tert-butyl ether	ND		5.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8	97	77 - 121
1,2-Dichloroethane-d4	107	73 - 130

Client: Secor International, Inc. Job Number: 720-1282-1

Client Sample ID: **MW-2**

Lab Sample ID: 720-1282-2
Client Matrix: Water

Date Sampled: 12/28/2005 1622
Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 200
Date Analyzed: 01/08/2006 2016
Date Prepared: 01/08/2006 2016

Analysis Batch: 720-4079

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		100
Benzene	15000		100
Ethanol	ND		20000
Ethylbenzene	7300		100
MTBE	22000		100
TAME	410		100
Toluene	21000		100
Xylenes, Total	31000		200
TBA	6300		1000
DIPE	ND		200
EDB	ND		100
Gasoline Range Organics (GRO)-C6-C12	210000		10000
Ethyl tert-butyl ether	ND		100

Surrogate	%Rec	Acceptance Limits
Toluene-d8	98	77 - 121
1,2-Dichloroethane-d4	105	73 - 130

Client: Secor International, Inc. Job Number: 720-1282-1

Client Sample ID: **MW-3**

Lab Sample ID: 720-1282-3
Client Matrix: Water

Date Sampled: 12/28/2005 1114
Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/08/2006 2035
Date Prepared: 01/08/2006 2035

Analysis Batch: 720-4079

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	0.66		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	97	77 - 121
1,2-Dichloroethane-d4	102	73 - 130

Client: Secor International, Inc. Job Number: 720-1282-1

Client Sample ID: **MW-4**

Lab Sample ID: 720-1282-4 Date Sampled: 12/28/2005 1156
Client Matrix: Water Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-4125 Instrument ID: Varian 3900E
Preparation: 5030B Lab File ID: c:\varianws\data\200601\01
Dilution: 50 Initial Weight/Volume: 10 mL
Date Analyzed: 01/09/2006 1219 Final Weight/Volume: 10 mL
Date Prepared: 01/09/2006 1219

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		25
Benzene	ND		25
Ethanol	ND		5000
Ethylbenzene	ND		25
MTBE	34		25
TAME	ND		25
Toluene	ND		25
Xylenes, Total	ND		50
TBA	27000		250
DIPE	ND		50
EDB	ND		25
Gasoline Range Organics (GRO)-C6-C12	ND		2500
Ethyl tert-butyl ether	ND		25

Surrogate	%Rec	Acceptance Limits
Toluene-d8	95	77 - 121
1,2-Dichloroethane-d4	122	73 - 130

Client: Secor International, Inc.

Job Number: 720-1282-1

Client Sample ID: **MW-5**

Lab Sample ID: 720-1282-5
Client Matrix: Water

Date Sampled: 12/28/2005 0847
Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 4.0
Date Analyzed: 01/09/2006 1239
Date Prepared: 01/09/2006 1239

Analysis Batch: 720-4125

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		2.0
Benzene	7.7		2.0
Ethanol	ND		400
Ethylbenzene	2.9		2.0
MTBE	3.8		2.0
TAME	ND		2.0
Toluene	3.3		2.0
Xylenes, Total	7.1		4.0
TBA	ND		20
DIPE	14		4.0
EDB	ND		2.0
Gasoline Range Organics (GRO)-C6-C12	7700		200
Ethyl tert-butyl ether	ND		2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8	98	77 - 121
1,2-Dichloroethane-d4	119	73 - 130

Client: Secor International, Inc. Job Number: 720-1282-1

Client Sample ID: **MW-6**

Lab Sample ID: 720-1282-6
Client Matrix: Water

Date Sampled: 12/28/2005 1237
Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/08/2006 2133
Date Prepared: 01/08/2006 2133

Analysis Batch: 720-4079

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	16		0.50
TAME	2.0		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	160		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	102	73 - 130

Client: Secor International, Inc.

Job Number: 720-1282-1

Client Sample ID: **MW-7**

Lab Sample ID: 720-1282-7
Client Matrix: Water

Date Sampled: 12/28/2005 1319
Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 01/07/2006 0124
Date Prepared: 01/07/2006 0124

Analysis Batch: 720-4026

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		5.0
Benzene	ND		5.0
Ethanol	ND		1000
Ethylbenzene	ND		5.0
MTBE	7.4		5.0
TAME	ND		5.0
Toluene	ND		5.0
Xylenes, Total	ND		10
TBA	1600		50
DIPE	ND		10
EDB	ND		5.0
Gasoline Range Organics (GRO)-C6-C12	ND		500
Ethyl tert-butyl ether	ND		5.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8	94	77 - 121
1,2-Dichloroethane-d4	118	73 - 130

Client: Secor International, Inc. Job Number: 720-1282-1

Client Sample ID: **MW-8**

Lab Sample ID: 720-1282-8
Client Matrix: Water

Date Sampled: 12/28/2005 1538
Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 01/10/2006 1611
Date Prepared: 01/10/2006 1611

Analysis Batch: 720-4260

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		2.5
Benzene	ND		2.5
Ethanol	ND		500
Ethylbenzene	ND		2.5
MTBE	17		2.5
TAME	ND		2.5
Toluene	ND		2.5
Xylenes, Total	ND		5.0
TBA	7400		25
DIPE	ND		5.0
EDB	ND		2.5
Gasoline Range Organics (GRO)-C6-C12	ND		250
Ethyl tert-butyl ether	ND		2.5

Surrogate	%Rec	Acceptance Limits
Toluene-d8	105	77 - 121
1,2-Dichloroethane-d4	101	73 - 130

Client: Secor International, Inc. Job Number: 720-1282-1

Client Sample ID: **MW-10**

Lab Sample ID: 720-1282-9
Client Matrix: Water

Date Sampled: 12/28/2005 1026
Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/07/2006 0203
Date Prepared: 01/07/2006 0203

Analysis Batch: 720-4026

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	0.78		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	112	73 - 130

Client: Secor International, Inc. Job Number: 720-1282-1

Client Sample ID: **MW-11**

Lab Sample ID: 720-1282-10
Client Matrix: Water

Date Sampled: 12/28/2005 0944
Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/07/2006 0222
Date Prepared: 01/07/2006 0222

Analysis Batch: 720-4026

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	97	77 - 121
1,2-Dichloroethane-d4	116	73 - 130

Client: Secor International, Inc. Job Number: 720-1282-1

Client Sample ID: **QCTB**

Lab Sample ID: 720-1282-11
Client Matrix: Water

Date Sampled: 12/28/2005 0000
Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/06/2006 2151
Date Prepared: 01/06/2006 2151

Analysis Batch: 720-4026

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	105	73 - 130

Client: Secor International, Inc. Job Number: 720-1282-1

Client Sample ID: **MW-9**

Lab Sample ID: 720-1282-12
Client Matrix: Water

Date Sampled: 12/28/2005 1455
Date Received: 12/30/2005 1415

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 01/09/2006 1318
Date Prepared: 01/09/2006 1318

Analysis Batch: 720-4125

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		10
Benzene	1400		10
Ethanol	ND		2000
Ethylbenzene	350		10
MTBE	2200		10
TAME	49		10
Toluene	22		10
Xylenes, Total	450		20
TBA	1800		100
DIPE	ND		20
EDB	ND		10
Gasoline Range Organics (GRO)-C6-C12	14000		1000
Ethyl tert-butyl ether	ND		10

Surrogate	%Rec	Acceptance Limits
Toluene-d8	100	77 - 121
1,2-Dichloroethane-d4	122	73 - 130

Client: Secor International, Inc.

Job Number: 720-1282-1

Client Sample ID: **MW-3**

Lab Sample ID: 720-1282-3
Client Matrix: Water

Date Sampled: 12/28/2005 1114
Date Received: 12/30/2005 1415

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 01/05/2006 2200
Date Prepared: 01/05/2006 1041

Analysis Batch: 720-3987
Prep Batch: 720-3926

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C9-C24]	100		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	72	60 - 130

Client: Secor International, Inc.

Job Number: 720-1282-1

General Chemistry

Client Sample ID: **MW-3**

Lab Sample ID: 720-1282-3
Client Matrix: Water

Date Sampled: 12/28/2005 1114
Date Received: 12/30/2005 1415

Analyte	Result	Qual	Units	RL	Dil	Method
HEM (Oil & Grease)	ND		mg/L	2.0	1.0	1664A
	Anly Batch: 720-3899		Date Analyzed 01/04/2006 1457			
	Prep Batch: 720-3898		Date Prepared: 01/04/2006 1451			

DATA REPORTING QUALIFIERS

Client: Secor International, Inc. Job Number: 720-1282-1

Lab Section	Qualifier	Description
GC/MS VOA		
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

Client: Secor International, Inc. Job Number: 720-1282-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-4026				
LCS 720-4026/10	Lab Control Spike	Water	8260B	
LCSD 720-4026/9	Lab Control Spike Duplicate	Water	8260B	
MB 720-4026/11	Method Blank	Water	8260B	
720-1282-1	MW-1	Water	8260B	
720-1282-7	MW-7	Water	8260B	
720-1282-9	MW-10	Water	8260B	
720-1282-10	MW-11	Water	8260B	
720-1282-11	QCTB	Water	8260B	
Analysis Batch:720-4079				
LCS 720-4079/11	Lab Control Spike	Water	8260B	
LCSD 720-4079/10	Lab Control Spike Duplicate	Water	8260B	
MB 720-4079/12	Method Blank	Water	8260B	
720-1248-B-1 MS	Matrix Spike	Water	8260B	
720-1248-B-1 MSD	Matrix Spike Duplicate	Water	8260B	
720-1282-2	MW-2	Water	8260B	
720-1282-3	MW-3	Water	8260B	
720-1282-6	MW-6	Water	8260B	
Analysis Batch:720-4125				
LCS 720-4125/20	Lab Control Spike	Water	8260B	
LCSD 720-4125/19	Lab Control Spike Duplicate	Water	8260B	
MB 720-4125/21	Method Blank	Water	8260B	
720-1246-B-3 MS	Matrix Spike	Water	8260B	
720-1246-B-3 MSD	Matrix Spike Duplicate	Water	8260B	
720-1282-4	MW-4	Water	8260B	
720-1282-5	MW-5	Water	8260B	
720-1282-12	MW-9	Water	8260B	
Analysis Batch:720-4260				
LCS 720-4260/10	Lab Control Spike	Water	8260B	
LCSD 720-4260/9	Lab Control Spike Duplicate	Water	8260B	
MB 720-4260/11	Method Blank	Water	8260B	
720-1282-8	MW-8	Water	8260B	

Client: Secor International, Inc.

Job Number: 720-1282-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC Semi VOA				
Prep Batch: 720-3926				
LCS 720-3926/2-A	Lab Control Spike	Water	3510C	
LCSD 720-3926/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-3926/1-A	Method Blank	Water	3510C	
720-1282-3	MW-3	Water	3510C	
Analysis Batch:720-3987				
LCS 720-3926/2-A	Lab Control Spike	Water	8015B	720-3926
LCSD 720-3926/3-A	Lab Control Spike Duplicate	Water	8015B	720-3926
MB 720-3926/1-A	Method Blank	Water	8015B	720-3926
720-1282-3	MW-3	Water	8015B	720-3926
General Chemistry				
Prep Batch: 720-3898				
LCS 720-3898/2-A	Lab Control Spike	Water	1664A	
LCSD 720-3898/3-A	Lab Control Spike Duplicate	Water	1664A	
MB 720-3898/1-A	Method Blank	Water	1664A	
720-1282-3	MW-3	Water	1664A	
Analysis Batch:720-3899				
LCS 720-3898/2-A	Lab Control Spike	Water	1664A	720-3898
LCSD 720-3898/3-A	Lab Control Spike Duplicate	Water	1664A	720-3898
MB 720-3898/1-A	Method Blank	Water	1664A	720-3898
720-1282-3	MW-3	Water	1664A	720-3898

Client: Secor International, Inc.

Job Number: 720-1282-1

Method Blank - Batch: 720-4026

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-4026/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2006 1918
Date Prepared: 01/06/2006 1918

Analysis Batch: 720-4026
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	97	77 - 121
1,2-Dichloroethane-d4	108	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Secor International, Inc.

Job Number: 720-1282-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-4026

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-4026/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2006 1839
Date Prepared: 01/06/2006 1839

Analysis Batch: 720-4026
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-4026/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2006 1859
Date Prepared: 01/06/2006 1859

Analysis Batch: 720-4026
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	89	92	69 - 129	3	25		
MTBE	87	93	65 - 165	6	25		
Toluene	93	90	70 - 130	3	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	103	101	77 - 121
1,2-Dichloroethane-d4	103	104	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Secor International, Inc.

Job Number: 720-1282-1

Method Blank - Batch: 720-4079

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-4079/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/08/2006 1444
Date Prepared: 01/08/2006 1444

Analysis Batch: 720-4079
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\2006O1\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	94	77 - 121
1,2-Dichloroethane-d4	102	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Secor International, Inc.

Job Number: 720-1282-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-4079

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-4079/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/08/2006 1405
Date Prepared: 01/08/2006 1405

Analysis Batch: 720-4079
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\20060 1\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-4079/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/08/2006 1425
Date Prepared: 01/08/2006 1425

Analysis Batch: 720-4079
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01(
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	101	102	69 - 129	1	25		
MTBE	103	103	65 - 165	0	25		
Toluene	108	104	70 - 130	3	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	101	97	77 - 121
1,2-Dichloroethane-d4	96	94	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Secor International, Inc.

Job Number: 720-1282-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-4079

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-1248-B-1 MS	Analysis Batch: 720-4079	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200601\(
Dilution:	10		Initial Weight/Volume: 10 mL
Date Analyzed:	01/08/2006 1839		Final Weight/Volume: 10 mL
Date Prepared:	01/08/2006 1839		

MSD Lab Sample ID:	720-1248-B-1 MSD	Analysis Batch: 720-4079	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200601\01
Dilution:	10		Initial Weight/Volume: 10 mL
Date Analyzed:	01/08/2006 1858		Final Weight/Volume: 10 mL
Date Prepared:	01/08/2006 1858		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	95	108	69 - 129	12	20		
MTBE	119	122	65 - 165	2	20		
Toluene	85	91	70 - 130	7	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	92	97	77 - 121
1,2-Dichloroethane-d4	119	123	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Secor International, Inc.

Job Number: 720-1282-1

Method Blank - Batch: 720-4125

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-4125/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/09/2006 0943
Date Prepared: 01/09/2006 0943

Analysis Batch: 720-4125
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\2006O1\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	95	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Secor International, Inc.

Job Number: 720-1282-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-4125

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-4125/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/09/2006 0905
Date Prepared: 01/09/2006 0905

Analysis Batch: 720-4125
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\2006O1\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-4125/19
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/09/2006 0924
Date Prepared: 01/09/2006 0924

Analysis Batch: 720-4125
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01C
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	103	95	69 - 129	8	25		
MTBE	101	95	65 - 165	6	25		
Toluene	105	102	70 - 130	2	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	102	98	77 - 121
1,2-Dichloroethane-d4	98	94	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Secor International, Inc.

Job Number: 720-1282-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-4125

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-1246-B-3 MS	Analysis Batch: 720-4125	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200601\(
Dilution:	5.0		Initial Weight/Volume: 10 mL
Date Analyzed:	01/09/2006 1102		Final Weight/Volume: 10 mL
Date Prepared:	01/09/2006 1102		

MSD Lab Sample ID:	720-1246-B-3 MSD	Analysis Batch: 720-4125	Instrument ID: Varian 3900E
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\varianws\data\200601\01
Dilution:	5.0		Initial Weight/Volume: 10 mL
Date Analyzed:	01/09/2006 1122		Final Weight/Volume: 10 mL
Date Prepared:	01/09/2006 1122		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	78	85	69 - 129	5	20		
MTBE	90	96	65 - 165	6	20		
Toluene	136	104	70 - 130	6	20	4	4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	99	95	77 - 121
1,2-Dichloroethane-d4	120	116	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Secor International, Inc.

Job Number: 720-1282-1

Method Blank - Batch: 720-4260

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-4260/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/10/2006 0849
Date Prepared: 01/10/2006 0849

Analysis Batch: 720-4260
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	100	77 - 121
1,2-Dichloroethane-d4	101	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Secor International, Inc.

Job Number: 720-1282-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-4260

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-4260/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/10/2006 1015
Date Prepared: 01/10/2006 1015

Analysis Batch: 720-4260
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-4260/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/10/2006 0830
Date Prepared: 01/10/2006 0830

Analysis Batch: 720-4260
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900E
Lab File ID: c:\varianws\data\200601\011
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	90	95	69 - 129	6	25		
MTBE	88	102	65 - 165	15	25		
Toluene	88	102	70 - 130	16	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	93	108	77 - 121
1,2-Dichloroethane-d4	92	98	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Secor International, Inc.

Job Number: 720-1282-1

Method Blank - Batch: 720-3926

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-3926/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/05/2006 1613
Date Prepared: 01/05/2006 1041

Analysis Batch: 720-3987
Prep Batch: 720-3926
Units: ug/L

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C9-C24]	ND		50

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	72	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-3926

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-3926/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/05/2006 1640
Date Prepared: 01/05/2006 1041

Analysis Batch: 720-3987
Prep Batch: 720-3926
Units: ug/L

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-3926/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/05/2006 1706
Date Prepared: 01/05/2006 1041

Analysis Batch: 720-3987
Prep Batch: 720-3926
Units: ug/L

Instrument ID: Varian DRO1
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C9-C24]	65	74	60 - 130	13	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	98	89	60 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Secor International, Inc.

Job Number: 720-1282-1

Method Blank - Batch: 720-3898

Method: 1664A
Preparation: 1664A

Lab Sample ID: MB 720-3898/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2006 1457
Date Prepared: 01/04/2006 1451

Analysis Batch: 720-3899
Prep Batch: 720-3898
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

Analyte	Result	Qual	RL
HEM (Oil & Grease)	ND		2.0

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-3898

Method: 1664A
Preparation: 1664A

LCS Lab Sample ID: LCS 720-3898/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2006 1457
Date Prepared: 01/04/2006 1451

Analysis Batch: 720-3899
Prep Batch: 720-3898
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

LCSD Lab Sample ID: LCSD 720-3898/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/04/2006 1457
Date Prepared: 01/04/2006 1451

Analysis Batch: 720-3899
Prep Batch: 720-3898
Units: mg/L

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1000 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
HEM (Oil & Grease)	101	102	79 - 114	1	18		

Calculations are performed before rounding to avoid round-off errors in calculated results.

ConocoPhillips Chain Of Custody Record

770-1282

1141740

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(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS, Attn: Dee Hutchinson, 3611 South Harbor, Suite 200, Santa Ana, CA 92704

ConocoPhillips Work Order Number: 1731SEC002

ConocoPhillips Cost Object: WNO.1731.EO.R

DATE: 12/28/05

PAGE: 1 of 2

SAMPLING COMPANY: SECOR International, Inc	Valid Value ID:
ADDRESS: 3017 Kilgore Road, Suite 100	
PROJECT CONTACT (Hardcopy or PDF Report to): Rancho Cordova, CA 95670	
TELEPHONE: (916) 861-0400 FAX: (916) 861-0430 E-MAIL: kflesoras@secor.com	
SAMPLER NAME(S) (Print): ~~Adrian Angelliera~~ CORD DENNIG	CONSULTANT PROJECT NUMBER: 77CP.60126.01.0001
CONOCOPHILLIPS SITE NUMBER: 76 (Former BP) Service Station #11126	GLOBAL ID NO.: TO600100208
SITE ADDRESS (Street and City): 1700 Powell Ave., Emeryville CA	
EDF DELIVERABLE TO (RP or Designee): Krissy Flesoras	PHONE NO.: (916) 861-0400 x282
E-MAIL: kflesoras@secor.com	LAB USE ONLY

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

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

(1) Oxygenates include MIBE, DIPE, TAME, EtBE, TBA, ethanol, 1,2-DCA, and EDB.

(2) Please bill SECOR for analytical costs.

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd Extractable (1 1-L Amber)	1664A - TOG (1 1-L Amber)	8260B - GROg / BTEX / 8 Oxygenates (1) + 6 HCL-preserved VOAs	8260B - TBA	8260B - Full Scan VOCs (does not include oxygenates)	Ethanol By EPA Method 8260B	Methanol by EPA 8015M	Lead ☐Total ☐STLC ☐TCLP	8260B - TPHg / BTEX / 5 Oxys *	8260B - TPHg / BTEX / 5 Oxys * + Ethanol
	MW-1	12/28/05	1402	Water	3			X							
	MW-2		1622	Water	3			X							
	MW-3		1114	Water	2/3	X	X	X							
	MW-4		1156	Water	3			X							
	MW-5		0847	Water	3			X							
	MW-6		1237	Water	3			X							
	MW-7		1319	Water	3			X							
	MW-8		1538	Water	3			X							
	MW-10		1026	Water	3			X							

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

TEMPERATURE ON RECEIPT C°: 2°C

Relinquished by: (Signature) CORD DENNIG	Received by: (Signature)	Date: 12/30/05	Time: 14:15
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

9/19/03 Revision

ConocoPhillips Chain Of Custody Record

114740

STL-San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

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

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PAGE: 2 of 2

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PROJECT CONTACT (Hardcopy or PDF Report to): Rancho Cordova, CA 95670		EDF DELIVERABLE TO (RP or Designee): Krissy Flesoras	PHONE NO.: (916) 861-0400 x282
TELEPHONE: (916) 861-0400 / FAX: (916) 861-0430	E-MAIL: kflesoras@secor.com	E-MAIL: kflesoras@secor.com	LAB USE ONLY
SAMPLER NAME(S) (Print): [redacted] CORD DENNIG	CONSULTANT PROJECT NUMBER: 77CP.60126.01.0001		

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REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd Extractable	GRO/BTEX/MtBE By EPA 8260B	8260B - GROg / BTEX / 8 Oxygenates (1)	8260B - TBA	8260B - Full Scan VOCs (does not include oxygenates)	Ethanol By EPA Method 8260B	Methanol by EPA 8015M	Lead ☐Total ☐STLC ☐TCLP	Dissolved Lead By EPA 7421	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-11	12/28/05	0744	Water	3			X							TEMPERATURE ON RECEIPT C° 20
	QCTB		—	Water	2		X								
	MW-9	12/28/05	1455	H2O	3			X							

Relinquished by: (Signature) CORD DENNIG	Received by: (Signature)	Date: 12/30/05	Time: 14:15
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

9/19/03 Revision