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Quarterly Groundwater Monitoring Progress Report
First Quarter 2006

76 (Former BP) Service Station #11126
1700 Powell Street
Emeryville, California 94608

SECOR Project No.: 77BP.50126.01.0436 and 77CP.60126.02.0002

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

Submitted by:
SECOR International Incorporated
3017 Kilgore Road, Suite 100
Rancho Cordova, California 95670
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Prepared on behalf of:
Atlantic Richfield Company, a BP affiliated company
Mr. Paul Supple
Environmental Business Manager
P.O. Box 6549
Moraga, California 94570

And

ConocoPhillips
Ms. Shelby Lathrop
76 Broadway
Sacramento, California 95818

April 28, 2006

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SECOR

DATE: April 28, 2006

Atlantic Richfield Company, a BP affiliated company
and
ConocoPhillips

QUARTERLY REPORT

Station Number:	11126
Site Address:	1700 Powell Street, Emeryville, California, 95608
Atlantic Richfield Company, a BP affiliated company Contact:	Mr. Paul Supple Environmental Business Manager Atlantic Richfield Company P.O. Box 6549 Moraga, CA, 94570
ConocoPhillips Contact	Ms. Shelby Lathrop ConocoPhillips 76 Broadway Sacramento, CA , 95818
Consulting Company:	SECOR International, Inc. – Ms. Catherine Spelis
SECOR Project No.:	77BP.50126.01.0436 and 77CP.60126.02.0002
Primary Agency/Contact:	Mr. Don Hwang Alameda County Environmental Health Department 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502

WORK PERFORMED THIS QUARTER [First – 2006]

1. Performed groundwater monitoring and sampling of wells on March 23, 2006.
2. SECOR submitted the *Quarterly Groundwater Monitoring Report – Fourth Quarter 2005* on March 20, 2006.

WORK PROPOSED FOR NEXT QUARTER [Second – 2006]

1. Groundwater monitoring and sampling event will be performed by SECOR.
2. Prepare and submit the first quarter 2006 quarterly groundwater monitoring progress report.
3. Per discussion with the Alameda County Environmental Health Department (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.

DISCUSSION

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.

Current Site Information

Current Phase of Project:	Groundwater Monitoring
Frequency of Monitoring and Sampling:	Quarterly, 11 (MW-1 through MW-11)
Is Free Product (FP) Present on Site?	No
Historic Range in Depth to Water, Q4-1993 to Q4-2005:	2.99 feet to 10.23 feet bgs
Current Remediation Techniques:	Natural Attenuation

Current Quarter Monitoring Data	(See Figure 1 and Tables 1 and 2)
Wells Monitored and Sampled:	MW-1 through MW-11
Sampling Date	March 23, 2006
Groundwater (DTW, feet bgs)	2.50 feet bgs (MW-9) to 8.75 feet bgs (MW-11)
Average Change in Groundwater Elevation Since Last Event:	0.54 foot increase
Groundwater Flow Direction and Gradient:	Southwest at 0.040 feet per feet (ft/ft)

Current Quarter Analytical Data	(See Figure 2 and Tables 1 and 3)
Minimum/Maximum GRO Concentrations	ND<50 µg/L in 4 wells / 79,000 µg/L(MW-2)
Minimum/Maximum Benzene Concentrations	ND<0.50 µg/L in 5 wells/ 9,100 µg/L, (MW-2)
Minimum/Maximum MtBE Concentrations	ND<0.50 µg/L (MW-11) / 13,000 µg/L, (MW-2)
Minimum/Maximum TBA Concentrations	ND<5.0 µg/L (MW-10 and MW-11) / 34,000 µg/L (MW-4)

MONITORING AND SAMPLING PROCEDURES

The groundwater monitoring well network at the site consists of 11 wells (MW-1 through MW-11). Depth to water levels is measured, and groundwater samples are collected from the wells on a quarterly basis. During the first quarter 2006, groundwater samples were collected from the wells on March 23, 2006.

Depth to Groundwater/LPH Thickness Measurements

Prior to purging each of the wells, the depth to groundwater and thickness of liquid phase hydrocarbons (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, wells are sampled once the well is recharged to within 80 percent of 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 gasoline range organics (GRO), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MtBE) by Environmental Protection Agency (EPA) Method 8260B.

GROUNDWATER SAMPLE ANALYSES

Groundwater samples were submitted to Severn Trent Laboratories (STL) for analysis of 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-dichloroethane (1,2-DCA) and ethylene dibromide (EDB) by U.S. EPA Method 8260B. Additional groundwater samples were collected from well MW-3, and were submitted for analysis of total petroleum hydrocarbons as diesel (TPHd) by EPA Method 8015M, and total oil and grease (TOG) by EPA Method 1664A.

PURGE AND RINSATE WATER DISPOSAL

Waste water generated during decontamination of equipment and purging is pumped into a SECOR truck-mounted water tank. The water is then transferred into 55-gallon, steel, California Department of Transportation (DOT)-approved drums pending waste characterization and disposal by a BP-approved subcontractor.

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 exploratory borings or data reported by other consultants or contractors.

Sincerely,
SECOR International Incorporated

Prepared by:

Kimber Collins
Project Scientist

Reviewed by:

Catherine Spelis
Project Manager

Reviewed by:

Rusty Benkosky, P.E.
Principal Engineer

ATTACHMENTS

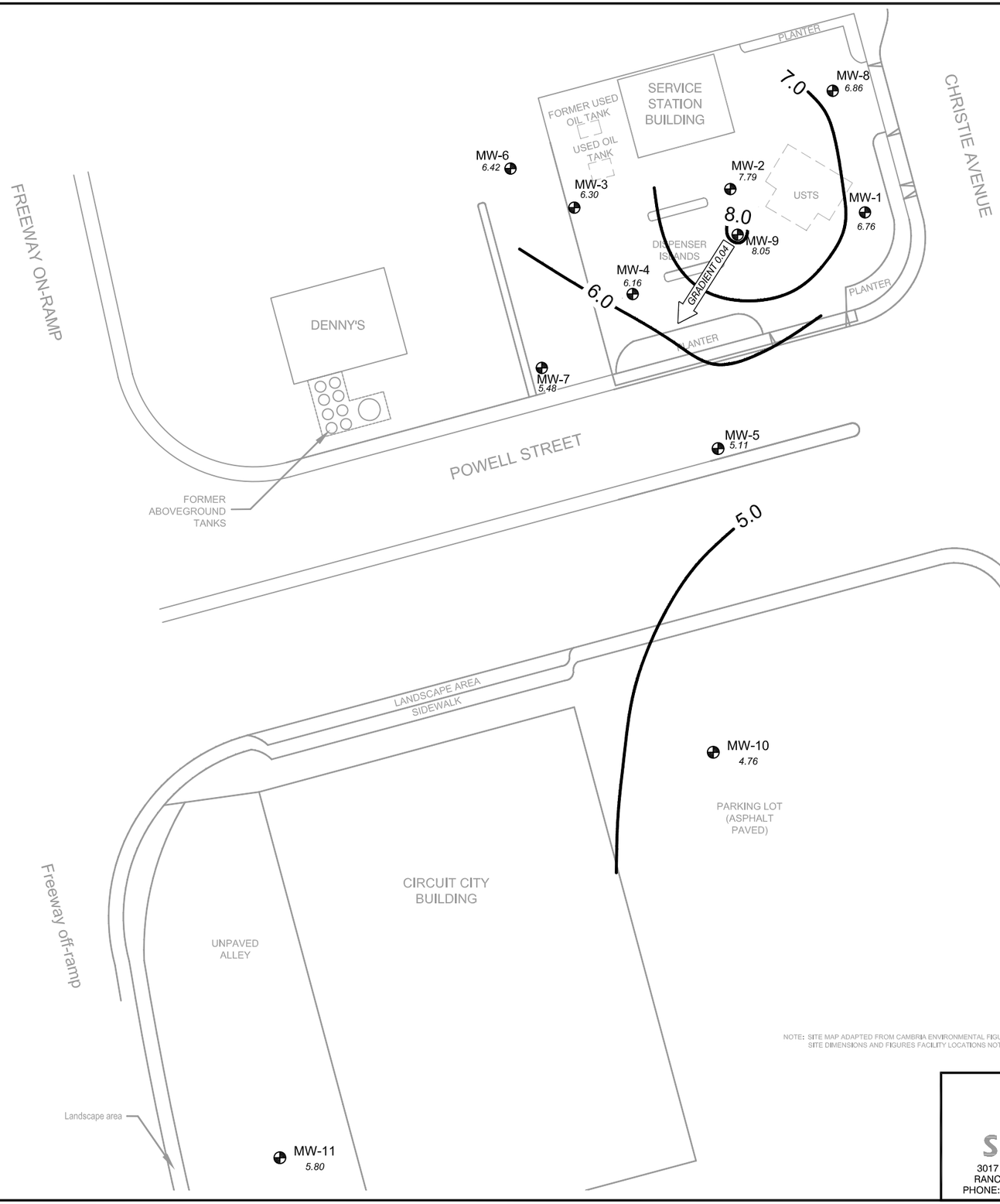
Figure 1 – Groundwater Elevation Contour Map – March 23, 2006
Figure 2 – Groundwater Chemical Concentration Map – March 23, 2006

Table 1 – Groundwater Elevation and Analytical Data
Table 2 – Historic Groundwater Gradient Data
Table 3 – Fuel Oxygenates Analytical Data

Attachment A – Previous Investigations and Site History Summary
Attachment B – Monitoring and Sampling Field Notes
Attachment C – Certified Laboratory Analytical Reports and Chain-of-Custody Documentation

cc: Mr. Paul Supple, BP (Electronic Copy Uploaded to Enfos)
Ms. Shelby Lathrop (Electronic Copy Uploaded to Webextender)

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

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

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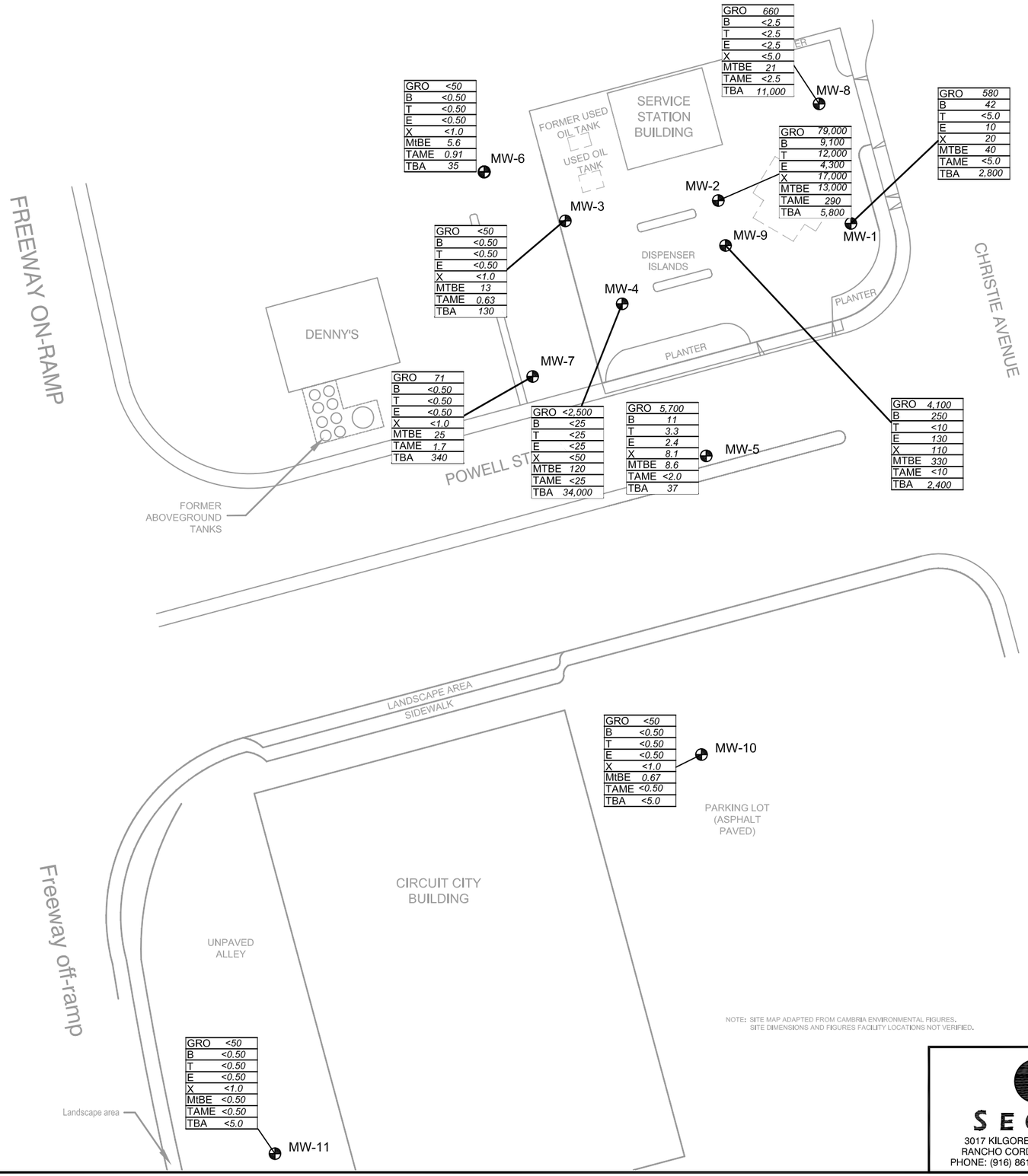
FOR:
76 (FORMER BP) SERVICE STATION NO. 11126
1700 POWELL STREET
EMERYVILLE, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP MARCH 23, 2006

FIGURE: **1**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.11126	MDR	KC	KF	4/25/06



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

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FOR:
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1700 POWELL STREET
EMERYVILLE, CALIFORNIA

GROUNDWATER CHEMICAL CONCENTRATION MAP MARCH 23, 2006

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.11126	DWR	KC	KF	4/19/06

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)
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	--
	05/11/94		4.55	--	3.21	0.43	e	5,500	--	--	2,900	37	56	64	705	--
	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	--
	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	--
	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	--	--
	04/13/95		3.84	--	3.92	-0.79		9,300	--	--	4,000	300	200	950	--	--
	07/11/95		3.60	--	4.16	0.24		15,000	--	--	2,200	84	<25	2,500	--	--
	11/02/95		4.58	--	3.18	-0.98		1,900	--	--	920	<100	<100	430	52,000	--
	02/05/96		4.43	--	3.33	0.15		4,600	--	--	1,400	330	54	247	8,700	--
	04/24/96		4.00	--	3.76	0.43		2,000	--	--	510	33	61	228	4,500	--
	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	--
	07/30/96		4.64	--	3.12	--		--	--	--	--	--	--	--	--	--
	08/12/96		--	--	--	--		11,000	--	--	2,500	160	<10	1,740	440,000	--
	11/04/96		5.98	--	1.78	-1.34		--	--	--	--	--	--	--	--	--
	11/05/96		--	--	--	--		53,000	--	--	1,300	43	100	349	42,000/190,000	--
	05/17/97		4.65	--	3.11	--		52,000	--	--	1,958	55	305	1,216	140,198	--
	08/11/97		4.90	--	2.86	-0.25		25,000	--	--	540	6.7	<5.0	57	360,000	--
	11/17/97		6.12	--	1.64	-1.22		93,000	--	--	1,200	31	180	40	400,000	--
	01/29/98		4.90	--	2.86	1.22		4,800	--	--	320	24	52	20	<50	--
	06/22/98		4.62	--	3.14	0.28		63,000	--	--	180	<5.0	15	69	57,000	--
	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

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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)
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	--
	03/23/06		**3.40**	**--**	**6.76**	**-0.14**		**580**	**--**	**--**	**42**	**<5.0**	**10**	**20**	**40**	**--**
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	--
	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	--
	08/01/94		5.43	--	3.13	-0.26	e	8,200	--	--	3,000	420	230	680	1,676	--
	10/18/94		5.71	--	2.85	-0.28	e	9,000	--	--	2,000	140	150	420	2,417	--
	01/13/95		4.67	--	3.89	1.04		7,900	--	--	2,200	42	<5.0	770	--	--
	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	--	--
	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)
MW-2	07/11/95		4.51	--	4.05	-0.14		19,000	--	--	3,300	99	7.5	4,600	--	--
(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	--
	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	--
	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	--
	07/15/96		5.40	--	3.16	-0.45		--	--	--	--	--	--	--	--	--
	07/16/96		--	--	--	--		12,000	--	--	3,300	1,400	250	2,610	1,400	--
	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	--
	05/17/97		5.77	--	2.79	--		570	--	--	42	<5.0	5.0	60	210	--
	08/11/97		5.71	--	2.85	0.06		6,300	--	--	1,800	130	86	397	2,400	--
	11/17/97		6.91	--	1.65	-1.20		2,400	--	--	220	30	33	259	130	--
	01/29/98		4.61	--	3.95	2.30		<50	--	--	<0.50	<1.0	<1.0	<1.0	<10	--
	06/22/98		4.80	--	3.76	-0.19		4,200	--	--	640	150	120	650	560	--
	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
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)
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	--
	03/23/06		**3.60**	**--**	**7.79**	**0.68**		**79,000**	**--**	**--**	**9,100**	**12,000**	**4,300**	**17,000**	**13,000**	**--**
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
	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
	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
	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
	01/13/95		5.47	--	2.78	0.92		<50	970	--	0.80	<0.50	<0.50	<1.0	--	ND
	04/13/95		5.17	--	3.08	0.30		530	<500	2,100	8.7	1.9	<0.50	3.9	--	ND
	07/11/95		5.37	--	2.88	-0.20		78	2,100	1,900	0.57	<0.50	<0.50	<1.0	--	ND
	11/02/95		6.29	--	1.96	-0.92		250	2,000	1,400	0.73	<0.50	<0.50	1.8	270	ND
	02/05/96		5.80	--	2.45	0.49		<50	1,600	9,000	<0.50	<1.0	<1.0	2.7	11	ND
	04/24/96		5.69	--	2.56	0.11		<50	2,800	6,000	<5.0	<10	<10	<10	150	ND
	07/15/96		6.18	--	2.07	-0.49		<250	3,700	1,000	<2.5	<5.0	<5.0	<5.0	<50	ND
	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
	05/17/97		6.49	--	1.76	--		<50	2,100	700	<0.50	<1.0	<1.0	<1.0	52	ND
	08/11/97		6.15	--	2.10	0.34		490	1,900	<5,000	<2.5	<5.0	<5.0	<5.0	170	ND
	11/17/97		7.15	--	1.10	-1.00		120	2,500	<5,000	<0.50	<1.0	<1.0	<1.0	46	ND
	01/29/98		5.10	--	3.15	2.05		270	1,700	2,000	0.53	<1.0	<1.0	<1.0	330	ND
	06/22/98		5.50	--	2.75	-0.40		200	2,200	<5.0	<0.50	<1.0	<1.0	<1.0	130	ND
	12/30/98		6.68	--	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)
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	<!0	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	--
	03/23/06		**4.43**	**--**	**6.30**	**-0.02**		**<50**	**260**	**<2.0**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**13**	**--**
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	--
	05/11/94		5.89	--	2.23	0.72	e	120	--	--	0.50	0.80	<0.50	<0.50	137	--
	08/01/94		6.87	--	1.25	-0.98	e	140	--	--	0.70	2.0	5.2	15	138	--
	10/18/94		6.62	--	1.50	0.25	e	140	--	--	3.5	<0.50	0.50	<0.50	197	--
	01/13/95		7.27	--	0.85	-0.65		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--

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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)
MW-4	04/13/95		6.51	--	1.61	0.76		73	--	--	1.2	<0.50	<0.50	<1.0	--	--
(cont.)	07/11/95		6.21	--	1.91	0.30		82	--	--	0.57	<0.50	<0.50	<1.0	--	--
	11/02/95		6.78	--	1.34	-0.57		71	--	--	1.4	0.96	0.99	2.8	140	--
	02/05/96		6.41	--	1.71	0.37		<50	--	--	<5.0	<10	<10	<10	200	--
	04/24/96		6.18	--	1.94	0.23		<250	--	--	<2.5	<5.0	<5.0	<5.0	510	--
	07/15/96		6.63	--	1.49	-0.45		<50	--	--	5.7	<1.0	<1.0	<1.0	550	--
	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	--
	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	--
	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	--

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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	--
	03/23/06		**4.42**	**--**	**6.16**	**3.06**		**<2,500**	**--**	**--**	**<25**	**<25**	**<25**	**<50**	**120**	**--**
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	--
	05/11/94		5.28	--	2.41	0.46	e	11,000	--	--	1,100	39	110	57	165	--
	08/01/94		5.84	--	1.85	-0.56	e	9,000	--	--	730	35	61	41	196	--
	10/18/94		6.01	--	1.68	-0.17	e	7,800	--	--	330	30	27	27	559	--
	01/13/95		4.74	--	2.95	1.27		<500	--	--	290	6.0	<5.0	18	--	--
	04/13/95		5.50	--	2.19	-0.76		9,100	--	--	400	15	52	27	--	--
	07/11/95		5.75	--	1.94	-0.25		7,300	--	--	390	13	28	23	--	--
	11/03/95		6.65	--	1.04	-0.90		7,200	--	--	270	15	38	23	200	--
	02/05/96		4.83	--	2.86	1.82		4,600	--	--	370	15	53	28	<50	--
	04/24/96		6.09	--	1.60	-1.26		3,000	--	--	180	<10	32	14	<100	--
	07/15/96		6.57	--	1.12	-0.48		--	--	--	--	--	--	--	--	--
	07/16/96		--	--	--	--		<50	--	--	190	<10	31	16	<100	--
	07/30/96		5.61	--	2.08	--		--	--	--	--	--	--	--	--	--
	08/12/96		--	--	--	--		2,000	--	--	150	12	25	18.2	<50	--
	11/04/96		8.25	--	-0.56	-1.68		--	--	--	--	--	--	--	--	--
	11/05/96		--	--	--	--		5,200	--	--	42	5.5	13	<5.0	1,700	--
	05/17/97		6.95	--	0.74	--		80	--	--	0.56	<1.0	<1.0	<1.0	46	--
	08/11/97		6.72	--	0.97	0.23		2,700	--	--	20	12	6.7	9.7	1,900	--
	11/17/97		9.49	--	-1.80	-2.77		8,400	--	--	25	12	8.7	5.4	13,000	--
	01/29/98		7.88	--	-0.19	1.61		110,000	--	--	2,500	110	180	589	--	--
	06/22/98		7.40	--	0.29	0.48		4,400	--	--	47	10	29	20.5	47	--
	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	--

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)
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	--
	03/23/06		**5.07**	**--**	**5.11**	**-0.22**		**5,700**	**--**	**--**	**11**	**3.3**	**2.4**	**8.1**	**8.6**	**--**
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	--
	05/11/94		6.15	--	2.37	0.16	e	68	--	--	<0.50	<0.50	<0.50	<0.50	48.5	--
	08/01/94		6.46	--	2.06	-0.31	e	91	--	--	<0.50	<0.50	<0.50	0.60	59.6	--
	10/18/94		6.72	--	1.80	-0.26	e	<50	--	--	<0.50	<0.50	<0.50	<0.50	84.6	--
	01/13/95		5.95	--	2.57	0.77		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
	04/13/95		5.44	--	3.08	0.51		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
	07/11/95		5.68	--	2.84	-0.24		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
	11/02/95		6.57	--	1.95	-0.89		<50	--	--	<0.50	<0.50	<0.50	<1.0	35	--

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)
MW-6	02/05/96		6.27	--	2.25	0.30		<50	--	--	<5.0	<10	<10	<10	<100	--
(cont.)	04/24/96		5.95	--	2.57	0.32		<250	--	--	<2.5	<5.0	<5.0	<5.0	62	--
	07/15/96		6.39	--	2.13	-0.44		<250	--	--	<2.5	<5.0	<5.0	<5.0	<50	--
	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	--
	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	--
	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
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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)
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	--
	03/23/06		**4.59**	**--**	**6.42**	**0.90**		**<50**	**--**	**--**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**5.6**	**--**
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	--
	05/11/94		5.76	--	1.85	0.12	e	70	--	--	<0.50	<0.50	<0.50	0.90	11.5	--
	08/01/94		5.97	--	1.64	-0.21	e	77	--	--	<0.50	<0.50	<0.50	0.50	182	--
	10/18/94		6.24	--	1.37	-0.27	e	<50	--	--	<0.50	<0.50	<0.50	<0.50	51.7	--
	01/13/95		5.39	--	2.22	0.85		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
	04/13/95		5.17	--	2.44	0.22		63	--	--	<0.50	<0.50	<0.50	1.4	--	--
	07/11/95		5.25	--	2.36	-0.08		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
	11/02/95		6.19	--	1.42	-0.94		<50	--	--	<0.50	<0.50	<0.50	<1.0	55	--
	02/05/96		5.69	--	1.92	0.50		<50	--	--	<0.50	<1.0	<1.0	<1.0	40	--
	04/24/96		5.59	--	2.02	0.10		<250	--	--	<2.5	<5.0	<5.0	<5.0	53	--
	07/15/96		6.07	--	1.54	-0.48		<250	--	--	<2.5	<5.0	<5.0	<5.0	<50	--
	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	--
	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	--
	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	--

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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)
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	--
	03/23/06		**4.63**	**--**	**5.48**	**0.30**		**71**	**--**	**--**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**25**	**--**
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	--
	05/11/94		5.09	--	3.51	0.41	e	330	--	--	<0.50	1.2	<0.50	1.9	<5.0	--
	08/01/94		5.20	--	3.40	-0.11	e	260	--	--	<0.50	1.2	2.9	5.8	<5.0	--
	10/18/94		5.70	--	2.90	-0.50	e	82	--	--	<0.50	<0.50	<0.50	<0.50	<5.0	--
	01/13/95		4.96	--	3.64	0.74		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
	04/13/95		5.40	--	3.20	-0.44		270	--	--	<0.50	<0.50	<0.50	4.4	--	--
	07/11/95		6.01	--	2.59	-0.61		320	--	--	<0.50	<0.50	<0.50	3.5	--	--
	11/02/95		6.81	--	1.79	-0.80		100	--	--	<0.50	<0.50	<0.50	<1.0	<5.0	--
	02/05/96		6.12	--	2.48	0.69		<50	--	--	<5.0	<10	<10	<10	<100	--
	04/24/96		6.23	--	2.37	-0.11		<50	--	--	<5.0	<10	<10	<10	<100	--
	07/15/96		6.70	--	1.90	-0.47		<250	--	--	<2.5	<5.0	<5.0	<5.0	<50	--
	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	--
	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)
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	--
	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	--
	03/23/06		**4.22**	**--**	**6.86**	**0.59**		**660**	**--**	**--**	**<2.5**	**<2.5**	**<2.5**	**<5.0**	**21**	**--**

Table 1
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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)
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	--
	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	--
	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	--
	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	--	--	--
	06/22/98		--	--	--	--	c	290,000	--	--	20,000	--	3,800	--	--	--
	06/22/98		4.28	--	3.80	-0.21		280,000	--	--	21,000	--	3,800	--	--	--
	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 ----------												

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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)
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	--
	03/23/06		**2.50**	**--**	**8.05**	**0.49**		**4,100**	**--**	**--**	**250**	**<10**	**130**	**110**	**330**	**--**
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	--
	03/23/06		**7.77**	**--**	**4.76**	**0.01**		**<50**	**--**	**--**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**0.67**	**--**
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	--
	03/23/06		**8.75**	**--**	**5.80**	**0.34**		**<50**	**--**	**--**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**--**
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	--	--

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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)
QC-2	01/13/95		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
(cont.)	04/13/95		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
	07/11/95		--	--	--	--		<50	--	--	<0.50	<0.50	<0.50	<1.0	--	--
	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	--
	03/23/06		**--**	**--**	**--**	**--**		**<50**	**--**	**--**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**--**

Notes:

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

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
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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
03/23/06	**SW**	**0.040**

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[j]	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	
	03/23/06	**<1,000**	**2,800**	**<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[j]	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	
	03/23/06	**<20,000**	**5,800**	**<200**	**<100**	**290**	**<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[j]	<40	<1.0	<1.0	1.1	<1.0	<1.0	
	04/25/05	<500[j]	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	
	03/23/06	**<100**	**130**	**<1.0**	**<0.50**	**0.63**	**<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	
	03/23/06	**<5,000**	**34,000**	**<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[j]	<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	
	03/23/06	**<400**	**37**	**<4.0**	**<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[j]	32	<0.50	<0.50	6.2	<0.50	<0.50	
	04/25/05	<100[j]	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	
	03/23/06	**<100**	**35**	**<1.0**	**<0.50**	**0.91**	**<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[j]	830	<0.50	<0.50	1.8	<0.50	<0.50	
	04/25/05	<100[j]	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	
	03/23/06	**<100**	**340**	**<1.0**	**<0.50**	**1.7**	**<0.50**	**<0.50**	
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[j]	<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	
	03/23/06	**<500**	**11,000[c]**	**<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[j]	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	
	03/23/06	**<2,000**	**2,400**	**<20**	**<10**	**<10**	**<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	
	03/23/06	**<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	
	03/23/06	**<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.

ATTACHMENT A
PREVIOUS INVESTIGATIONS AND SITE HISTORY SUMMARY

Quarterly Groundwater Monitoring Progress Report – First Quarter 2006
76 (Former BP) Service
Station #11126
1700 Powell Street
Emeryville, California

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).

ATTACHMENT B
MONITORING AND SAMPLING FIELD NOTES

Quarterly Groundwater Monitoring Progress Report – First Quarter 2006
Former 76 (BP Service)
Station #11126
1700 Powell Street
Emeryville, California

SECOR International Incorporated

HYDROLOGIC DATA SHEET

Gauge Date: 3-23-06 **Project Name:** *76 Former BP 11126*

Field Technician: Robert Hill **Project Number:** *77BP.50126.01.0427/ 77CP60126.02.0001*

TOC = Top of Well Casing Elevation
DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

DIA = Well Casing Diameter
ELEV = Groundwater Elevation
DUP = Duplicate

WELL OR LOCATION	TIME	MEASUREMENT						PURGE & SAMPLE	SHEEN CONFIRMATION	COMMENTS
		TOC	DTP	DTW	DTB	DIA	ELEV	1Q06	(w/bailer)	
MW-1 8	1210	10.16		3.40	12	2.0		Yes		
MW-2 11	1228	11.39		3.60	12	2.0		Yes	Sheen	
MW-3 4	1153	10.73		4.43	12	2.0		Yes		
MW-4 5	1157	10.58		4.42	11?	2.0		Yes		
MW-5 1	1140	10.18		5.07	13.5	4.0		Yes		
MW-6 6	1201	11.01		4.59	14	2.0		Yes		
MW-7 7	1206	10.11		4.63	14	2.0		Yes		
MW-8 10	1218	11.08		4.22	14	2.0		Yes		
MW-9 9	1215	10.55		2.50	14	4.0		Yes		
MW-10 3	1145	12.53		7.77	17	2.0		Yes		
MW-11 2	1144	14.55		8.75	17	2.0		Yes		

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: **See Work Order** PURGED BY: R. Hall WELL I.D.: MW10

CLIENT NAME: **76 (Former BP) #11126** SAMPLED BY: " SAMPLE I.D.: MW10

LOCATION: **1700 Powell St., Emeryville CA** QA SAMPLES: _____

DATE PURGED 3-23-06 START (2400hr) 1347 END (2400hr) 1353

DATE SAMPLED " SAMPLE TIME (2400hr) 1357

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) = 17.00 CASING VOLUME (gal) = 1.40

DEPTH TO WATER (feet) = ~~9.75~~ 7.77 CALCULATED PURGE (gal) = 4.20

WATER COLUMN HEIGHT (feet) = 9.25 ACTUAL PURGE (gal) = 4.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
3-23-06	1349	1.5	18.4	122.7	6.53	clear	low
↓	1351	3.0	18.3	124.2	6.52	↓	↓
	1353	4.5	19.4	125.7	6.51		

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 9.09 SAMPLE TURBIDITY: low

80% RECHARGE: ✓ YES ___ NO ANALYSES: **GRO/BTEX/MTBE/Oxygenates/1,2-DCA & EDB; TPH-d & TOG additionally for MW-3 only**

ODOR: N SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ___ Bailer (PVC)
✓ Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____

Other: ____

Pump Depth: 11

SAMPLING EQUIPMENT

___ Bladder Pump ___ Bailer (Teflon)
___ Centrifugal Pump ✓ Bailer (___ PVC or 2 disposable)
___ Submersible Pump ___ Bailer (Stainless Steel)
___ Peristalic Pump ___ Dedicated ____

Other: ____

WELL INTEGRITY: good LOCK#: Y2

REMARKS: ____

SIGNATURE: R. Hall

Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: B. H. Ida | WELL I.D.: MW 11

CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: " " | SAMPLE I.D.: MW 11

LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: _____

DATE PURGED 3-23-06 | START (2400hr) 1240 | END (2400hr) 1249

DATE SAMPLED " " | SAMPLE TIME (2400hr) 1255

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) = 17.00 | CASING VOLUME (gal) = 1.40

DEPTH TO WATER (feet) = 8.75 | CALCULATED PURGE (gal) = 4.20

WATER COLUMN HEIGHT (feet) = 8.25 | ACTUAL PURGE (gal) = 4.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
3-23-06	1243	1.5	17.6	345	7.71	clear	low
"	1246	3.0	17.5	340	7.51	gesish	low-med
"	1249	4.5	17.4	253	7.25	"	"

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 9.79 | SAMPLE TURBIDITY: low - med

80% RECHARGE: X YES ___ NO

ANALYSES: **GRO/BTEX/MTBE/Oxygenates/1,2-DCA & EDB; TPH-d & TOG additionally for MW-3 only**

ODOR: No

SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT

___ Bladder Pump
X Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump

X Bailer (~~Teflon~~ Disposible)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated

Other: _____

Pump Depth: N/A

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristalic Pump

___ Bailer (Teflon)
X Bailer (___ PVC or X disposable)
___ Bailer (Stainless Steel)
___ Dedicated

Other: _____

WELL INTEGRITY: good | LOCK#: 421

REMARKS: _____

SIGNATURE: _____

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: R. Hildreth | WELL I.D.: MW-3

CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: " " | SAMPLE I.D.: MW-3

LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: _____

DATE PURGED 3-23-06 | START (2400hr) 1436 | END (2400hr) 1442

DATE SAMPLED " " | SAMPLE TIME (2400hr) 1446

SAMPLE TYPE: Groundwater X | Surface Water _____ | Treatment Effluent _____ | Other _____

CASING DIAMETER: 2" / (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) = 12.00 | CASING VOLUME (gal) = 1.28

DEPTH TO WATER (feet) = 4.43 | CALCULATED PURGE (gal) = 3.86

WATER COLUMN HEIGHT (feet) = 7.57 | ACTUAL PURGE (gal) = _____

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
3-23-06	1438	1.5	17.2	202	7.40	clear	low
"	1440	3.0	196.9	135.6	7.29	"	"
"	1442	4.5	17.0	125.6	7.12	"	"

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 4.66 | SAMPLE TURBIDITY: low

80% RECHARGE: X YES ___ NO | ANALYSES: **GRO/BTEX/MTBE/Oxygenates/1,2-DCA & EDB; TPH-d & TOG additionally for MW-3 only**

ODOR: NO | SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT

___ Bladder Pump
i Centrifugal Pump
X Submersible Pump
___ Peristaltic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated _____

Other: _____

Pump Depth: _____

SAMPLING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
___ Submersible Pump
___ Peristaltic Pump
___ Bailer (Teflon)
X Bailer (___ PVC or X disposable)
___ Bailer (Stainless Steel)
___ Dedicated _____

Other: _____

WELL INTEGRITY: good | LOCK#: yes

REMARKS: _____

SIGNATURE: R. Hildreth

Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: R. Hildreth | WELL I.D.: MW-1
CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: " " | SAMPLE I.D.: MW-4
LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES:

DATE PURGED 3-23-06 | START (2400hr) 1511 | END (2400hr) 1516
DATE SAMPLED " " | SAMPLE TIME (2400hr) 1730
SAMPLE TYPE: Groundwater X | Surface Water ____ | Treatment Effluent ____ | Other ____

CASING DIAMETER: 2" ____ (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) = 11.00 | CASING VOLUME (gal) = 1.118
DEPTH TO WATER (feet) = 4.42 | CALCULATED PURGE (gal) = 3.36
WATER COLUMN HEIGHT (feet) = 6.58 | ACTUAL PURGE (gal) = 3.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
3-23-06	1512	1.5	16.4	1426.0	7.39	clear	low
"	1513	3.0	17.4	157.9	6.85	clear	low
"	1516	4.5					
				3.0	gallons		
		Dry @					

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.11 | SAMPLE TURBIDITY: low

80% RECHARGE: X YES ___ NO | ANALYSES: **GRO/BTEX/MTBE/Oxygenates/1,2-DCA & EDB; TPH-d & TOG additionally for MW-3 only**

ODOR: NO | SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT

___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (PVC)
___ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated ____
Other: ____
Pump Depth: 11

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: dry @ 3.0 gallons

SIGNATURE: [signature] | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: [signature] | WELL I.D.: MW6

CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: " " | SAMPLE I.D.: MW6

LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: _____

DATE PURGED 3-23-06 | START (2400hr) 1319 | END (2400hr) 1525

DATE SAMPLED " " | SAMPLE TIME (2400hr) 1529

SAMPLE TYPE: Groundwater X | Surface Water _____ | Treatment Effluent _____ | Other _____

CASING DIAMETER: 2" _____ (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) = 14.00 | CASING VOLUME (gal) = 1.5997

DEPTH TO WATER (feet) = 4.59 | CALCULATED PURGE (gal) = 4.79

WATER COLUMN HEIGHT (feet) = 9.41 | ACTUAL PURGE (gal) = 5.25

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
3-23-06	1521	1.75	17.5	1493	7.84	Black	High
"	1523	3.50	19.0	1294	7.45	clear	low
"	1525	5.25	18.8	1051	7.23	clear	low

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.11 | SAMPLE TURBIDITY: low

80% RECHARGE: ✓ YES ___ NO | ANALYSES: **GRO/BTEX/MTBE/Oxygenates/1,2-DCA & EDB; TPH-d & TOG additionally for MW-3 only**

ODOR: H.C. | SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT

___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (PVC)
✓ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated _____
Other: _____
Pump Depth: 11

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#: GOA

REMARKS: _____

SIGNATURE: [signature]

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: [signature] | WELL I.D.: MW-7

CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: | SAMPLE I.D.: MW-7

LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES:

DATE PURGED 3-23-06 | START (2400hr) 1556 | END (2400hr) 1601

DATE SAMPLED 〃 | SAMPLE TIME (2400hr) 1605

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) = 14.00 | CASING VOLUME (gal) = 1.59

DEPTH TO WATER (feet) = 4.63 | CALCULATED PURGE (gal) = 4.77

WATER COLUMN HEIGHT (feet) = 9.37 | ACTUAL PURGE (gal) = 6.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
3-23-06	1557	2	19.2	129.8	6.74	Black	High
〃	1559	4	19.5	130.9	6.77	clear	low
〃	1601	6.0	19.7	151.5	6.70	〃	〃

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.11 | SAMPLE TURBIDITY: Med

80% RECHARGE: X YES ___ NO | ANALYSES: **GRO/BTEX/MTBE/Oxygenates/1,2-DCA & EDB; TPH-d & TOG additionally for MW-3 only**

ODOR: H.C | SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
X Submersible Pump
___ Peristalic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated ____

Other: ____

Pump Depth: 9

SAMPLING EQUIPMENT

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

Other: ____

WELL INTEGRITY: good | LOCK#: yes

REMARKS: ____

SIGNATURE: [signature]

Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: **See Work Order** PURGED BY: R. Hadan WELL I.D.: MW-1

CLIENT NAME: **76 (Former BP) #11126** SAMPLED BY: " " SAMPLE I.D.: MW-1

LOCATION: **1700 Powell St., Emeryville CA** QA SAMPLES: _____

DATE PURGED 3-23-06 START (2400hr) 1623 END (2400hr) 1627

DATE SAMPLED " " SAMPLE TIME (2400hr) 1631

SAMPLE TYPE: Groundwater X Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" ____ 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) = 12.00 CASING VOLUME (gal) = 1.462

DEPTH TO WATER (feet) = 3.40 CALCULATED PURGE (gal) = 4.39

WATER COLUMN HEIGHT (feet) = 8.60 ACTUAL PURGE (gal) = 6.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
3-23-06	1625	2	16.7	99.7	7.28	clear	low
"	1627	4	17.2	99.6	7.26	"	"
"	1627	6	17.4	99.8	7.25	"	"

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 4.40 SAMPLE TURBIDITY: low

80% RECHARGE: X YES ___ NO ANALYSES: **GRO/BTEX/MTBE/Oxygenates/1,2-DCA & EDB; TPH-d & TOG additionally for MW-3 only**

ODOR: None SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT

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

Other: ____

Pump Depth: 11

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: ____

SIGNATURE: [signature] Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order　PURGED BY: R. [signature]　WELL I.D.: MW-9

CLIENT NAME: 76 (Former BP) #11126　SAMPLED BY: " "　SAMPLE I.D.: MW-9

LOCATION: 1700 Powell St., Emeryville CA　QA SAMPLES: ______

DATE PURGED 3-23-06　START (2400hr) 1648　END (2400hr) 1700

DATE SAMPLED " "　SAMPLE TIME (2400hr) 1704

SAMPLE TYPE: Groundwater X　Surface Water ____　Treatment Effluent ____　Other ____

CASING DIAMETER: 2" ____ (0.17)　3" ____ (0.38)　4" X (0.67)　5" ____ (1.02)　6" ____ (1.50)　8" ____ (2.60)　Other ____ (   )

Casing Volume: (gallons per foot)

DEPTH TO BOTTOM (feet) = 14.00　CASING VOLUME (gal) = 7.705

DEPTH TO WATER (feet) = 2.50　CALCULATED PURGE (gal) = 23.115

WATER COLUMN HEIGHT (feet) = 11.50　ACTUAL PURGE (gal) = 24.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
3-23-06	1652	8	17.2	6510	7.04	Clear	low
↓	1656	16	17.5	6412	6.95	↓	↓
↓	1700	24	17.7	6510	6.89	↓	↓

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 3.06　SAMPLE TURBIDITY: low

80% RECHARGE: X YES ____ NO　ANALYSES: **GRO/BTEX/MTBE/Oxygenates/1,2-DCA & EDB; TPH-d & TOG additionally for MW-3 only**

ODOR: H.C　SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT

- ____ Bladder Pump
- ____ Centrifugal Pump
- X Submersible Pump
- ____ Peristaltic Pump
- ____ Bailer (Teflon)
- ____ Bailer (PVC)
- ____ Bailer (Stainless Steel)
- ____ Dedicated ____

Other: ______

Pump Depth: 11

SAMPLING EQUIPMENT

- ____ Bladder Pump
- ____ Centrifugal Pump
- ____ Submersible Pump
- ____ Peristaltic Pump
- ____ Bailer (Teflon)
- X Bailer (____ PVC or X disposable)
- ____ Bailer (Stainless Steel)
- ____ Dedicated ____

Other: ______

WELL INTEGRITY: good　LOCK#: yes

REMARKS: ______

SIGNATURE: [signature]　Page ____ of ____

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: **See Work Order** PURGED BY: [illegible] WELL I.D.: MW8

CLIENT NAME: **76 (Former BP) #11126** SAMPLED BY: [illegible] SAMPLE I.D.: MW8

LOCATION: **1700 Powell St., Emeryville CA** QA SAMPLES: _____

DATE PURGED 3-23-06 START (2400hr) 1715 END (2400hr) 1721

DATE SAMPLED 3-23-06 SAMPLE TIME (2400hr) 1725

SAMPLE TYPE: Groundwater X Surface Water _____ Treatment Effluent _____ Other _____

CASING DIAMETER: 2" _____ 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) = 14.00 CASING VOLUME (gal) = 1.6626

DEPTH TO WATER (feet) = 4.22 CALCULATED PURGE (gal) = 4.99

WATER COLUMN HEIGHT (feet) = 9.78 ACTUAL PURGE (gal) = 6.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
3-23-06	1717	2	19.5	119.2	6.46	clear	low
↓	1719	4	19.5	155.0	6.53	↓	↓
↓	1721	6	19.5	159.0	6.63	↓	↓

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 4.91 SAMPLE TURBIDITY: low

80% RECHARGE: X YES ___ NO ANALYSES: **GRO/BTEX/MTBE/Oxygenates/1,2-DCA & EDB; TPH-d & TOG additionally for MW-3 only**

ODOR: H2O SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

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: _____

SIGNATURE: [signature]

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: R. Hall | WELL I.D.: MW-2

CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: " " | SAMPLE I.D.: MW-2

LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES:

DATE PURGED 3-23-06 | START (2400hr) 1452 | END (2400hr) 1759

DATE SAMPLED " " | SAMPLE TIME (2400hr) 1902

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) = 12.00 | CASING VOLUME (gal) = 1.429

DEPTH TO WATER (feet) = 3.60 | CALCULATED PURGE (gal) = 4.287

WATER COLUMN HEIGHT (feet) = 8.40 | ACTUAL PURGE (gal) = 6.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
3-23-06	1754	2	16.5	104.6	6.89	clear	low
"	1756	4	16.7	97.1	6.86	"	"
"	1758	6	16.8	90.4	6.77	"	"

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 4.41 | SAMPLE TURBIDITY: low

80% RECHARGE: X YES ___ NO | ANALYSES: **GRO/BTEX/MTBE/Oxygenates/1,2-DCA & EDB; TPH-d & TOG additionally for MW-3 only**

ODOR: H.C | SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT

___ Bladder Pump
___ Centrifugal Pump
X Submersible Pump
___ Peristalic Pump
___ Bailer (Teflon)
___ Bailer (PVC)
___ Bailer (Stainless Steel)
___ Dedicated ____

Other: ____

Pump Depth: 10

SAMPLING EQUIPMENT

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

Other: ____

WELL INTEGRITY: Good | LOCK#: yes

REMARKS: ____

SIGNATURE: R. Hall

Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: R. Wright | WELL I.D.: MW5

CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: " " | SAMPLE I.D.: MW5

LOCATION: 1700 Powell St., Emeryville CA | QA SAMPLES: _____

DATE PURGED 3-23-06 | START (2400hr) 1319 | END (2400hr) 1325

DATE SAMPLED " " | SAMPLE TIME (2400hr) 1329

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) = 13.5 | CASING VOLUME (gal) = 1.43

DEPTH TO WATER (feet) = 5.07 | CALCULATED PURGE (gal) = 4.29

WATER COLUMN HEIGHT (feet) = 8.43 | ACTUAL PURGE (gal) = 4.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
3-23-06	1321	1.5	15.2	160.2	7.23	clear	low
"	1323	3.0	15.2	153.4	7.01	green	med
"	1325	4.5	14.0	139.2	7.09	clear	low

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.61 | SAMPLE TURBIDITY: med

80% RECHARGE: X YES ___ NO | ANALYSES: **GRO/BTEX/MTBE/Oxygenates/1,2-DCA & EDB; TPH-d & TOG additionally for MW-3 only**

ODOR: yes H2C | SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT

___ Bladder Pump | ___ Bailer (Teflon)
___ Centrifugal Pump | ___ Bailer (PVC)
✓ Submersible Pump | ___ Bailer (Stainless Steel)
___ Peristalic Pump | ___ Dedicated _____

Other: _____

Pump Depth: 10

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: _____

SIGNATURE: _____

ATTACHMENT C
CERTIFIED LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

Quarterly Groundwater Monitoring Progress Report – First Quarter 2006
76 (Former BP) Service
Station #11126
1700 Powell Street
Emeryville, California

ANALYTICAL REPORT

Job Number: 720-2979-1

Job Description: CP 11126

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

Attention: Ms. Kimber Collins

Dimple Sharma
Project Manager I
dsharma@stl-inc.com
04/07/2006

cc: BP Data
Ms. Grace Sims

Project Manager: Dimple Sharma

METHOD SUMMARY

Client: Secor International, Inc. Job Number: 720-2979-1

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: 720-2979-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-2979-1	MW-1	Water	03/23/2006 1631	04/04/2006 1610
720-2979-2	MW-2	Water	03/23/2006 1802	04/04/2006 1610
720-2979-3	MW-3	Water	03/23/2006 1446	04/04/2006 1610
720-2979-4	MW-4	Water	03/23/2006 1730	04/04/2006 1610
720-2979-5	MW-5	Water	03/23/2006 1329	04/04/2006 1610
720-2979-6	MW-6	Water	03/23/2006 1529	04/04/2006 1610
720-2979-7	MW-7	Water	03/23/2006 1605	04/04/2006 1610
720-2979-8	MW-8	Water	03/23/2006 1725	04/04/2006 1610
720-2979-9	MW-9	Water	03/23/2006 1704	04/04/2006 1610
720-2979-10	MW-10	Water	03/23/2006 1357	04/04/2006 1610
720-2979-11	MW-11	Water	03/23/2006 1255	04/04/2006 1610
720-2979-12TB	QCTB	Water	03/23/2006 0000	04/04/2006 1610

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: **MW-1**

Lab Sample ID: 720-2979-1
Client Matrix: Water

Date Sampled: 03/23/2006 1631
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 04/06/2006 1720
Date Prepared: 04/06/2006 1720

Analysis Batch: 720-7421

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200604\04
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		5.0
Benzene	42		5.0
Ethanol	ND		1000
Ethylbenzene	10		5.0
MTBE	40		5.0
TAME	ND		5.0
Toluene	ND		5.0
Xylenes, Total	20		10
TBA	2800		50
DIPE	ND		10
EDB	ND		5.0
Gasoline Range Organics (GRO)-C6-C12	580		500
Ethyl tert-butyl ether	ND		5.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8	105	77 - 121
1,2-Dichloroethane-d4	106	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: **MW-2**

Lab Sample ID: 720-2979-2
Client Matrix: Water

Date Sampled: 03/23/2006 1802
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 200
Date Analyzed: 04/06/2006 1746
Date Prepared: 04/06/2006 1746

Analysis Batch: 720-7421

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200604\04
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		100
Benzene	9100		100
Ethanol	ND		20000
Ethylbenzene	4300		100
MTBE	13000		100
TAME	290		100
Toluene	12000		100
Xylenes, Total	17000		200
TBA	5800		1000
DIPE	ND		200
EDB	ND		100
Gasoline Range Organics (GRO)-C6-C12	79000		10000
Ethyl tert-butyl ether	ND		100

Surrogate	%Rec	Acceptance Limits
Toluene-d8	105	77 - 121
1,2-Dichloroethane-d4	104	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: **MW-3**

Lab Sample ID: 720-2979-3
Client Matrix: Water

Date Sampled: 03/23/2006 1446
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/06/2006 1813
Date Prepared: 04/06/2006 1813

Analysis Batch: 720-7421

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200604\04
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	13		0.50
TAME	0.63		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	130		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	104	77 - 121
1,2-Dichloroethane-d4	108	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: **MW-4**

Lab Sample ID: 720-2979-4
Client Matrix: Water

Date Sampled: 03/23/2006 1730
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 04/06/2006 1624
Date Prepared: 04/06/2006 1624

Analysis Batch: 720-7428

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200604\04
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		25
Benzene	ND		25
Ethanol	ND		5000
Ethylbenzene	ND		25
MTBE	120		25
TAME	ND		25
Toluene	ND		25
Xylenes, Total	ND		50
TBA	34000		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	105	77 - 121
1,2-Dichloroethane-d4	128	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: **MW-5**

Lab Sample ID: 720-2979-5
Client Matrix: Water

Date Sampled: 03/23/2006 1329
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 4.0
Date Analyzed: 04/06/2006 1647
Date Prepared: 04/06/2006 1647

Analysis Batch: 720-7428

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200604\04
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		2.0
Benzene	11		2.0
Ethanol	ND		400
Ethylbenzene	2.4		2.0
MTBE	8.6		2.0
TAME	ND		2.0
Toluene	3.3		2.0
Xylenes, Total	8.1		4.0
TBA	37		20
DIPE	ND		4.0
EDB	ND		2.0
Gasoline Range Organics (GRO)-C6-C12	5700		200
Ethyl tert-butyl ether	ND		2.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8	106	77 - 121
1,2-Dichloroethane-d4	122	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: **MW-6**

Lab Sample ID: 720-2979-6
Client Matrix: Water

Date Sampled: 03/23/2006 1529
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/06/2006 1626
Date Prepared: 04/06/2006 1626

Analysis Batch: 720-7421

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200604\04
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	5.6		0.50
TAME	0.91		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	35		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	105	77 - 121
1,2-Dichloroethane-d4	104	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: **MW-7**

Lab Sample ID: 720-2979-7
Client Matrix: Water

Date Sampled: 03/23/2006 1605
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/06/2006 1653
Date Prepared: 04/06/2006 1653

Analysis Batch: 720-7421

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200604\04
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	25		0.50
TAME	1.7		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	340		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	71		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	95	77 - 121
1,2-Dichloroethane-d4	115	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: **MW-8**

Lab Sample ID: 720-2979-8
Client Matrix: Water

Date Sampled: 03/23/2006 1725
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 04/06/2006 1506
Date Prepared: 04/06/2006 1506

Analysis Batch: 720-7421

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200604\04
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	21		2.5
TAME	ND		2.5
Toluene	ND		2.5
Xylenes, Total	ND		5.0
TBA	11000	EY	25
DIPE	ND		5.0
EDB	ND		2.5
Gasoline Range Organics (GRO)-C6-C12	660		250
Ethyl tert-butyl ether	ND		2.5

Surrogate	%Rec	Acceptance Limits
Toluene-d8	103	77 - 121
1,2-Dichloroethane-d4	109	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: **MW-9**

Lab Sample ID: 720-2979-9
Client Matrix: Water

Date Sampled: 03/23/2006 1704
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 04/06/2006 1533
Date Prepared: 04/06/2006 1533

Analysis Batch: 720-7421

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200604\04
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		10
Benzene	250		10
Ethanol	ND		2000
Ethylbenzene	130		10
MTBE	330		10
TAME	ND		10
Toluene	ND		10
Xylenes, Total	110		20
TBA	2400		100
DIPE	ND		20
EDB	ND		10
Gasoline Range Organics (GRO)-C6-C12	4100		1000
Ethyl tert-butyl ether	ND		10

Surrogate	%Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	115	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: MW-10

Lab Sample ID: 720-2979-10
Client Matrix: Water

Date Sampled: 03/23/2006 1357
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/06/2006 1559
Date Prepared: 04/06/2006 1559

Analysis Batch: 720-7421

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200604\04
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	0.67		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	102	77 - 121
1,2-Dichloroethane-d4	106	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: **MW-11**

Lab Sample ID: 720-2979-11
Client Matrix: Water

Date Sampled: 03/23/2006 1255
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/06/2006 1412
Date Prepared: 04/06/2006 1412

Analysis Batch: 720-7428

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200604\04
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	104		77 - 121
1,2-Dichloroethane-d4	140	AY	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: **QCTB**

Lab Sample ID: 720-2979-12TB
Client Matrix: Water

Date Sampled: 03/23/2006 0000
Date Received: 04/04/2006 1610

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 04/05/2006 1835
Date Prepared: 04/05/2006 1835

Analysis Batch: 720-7377

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200604\04
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	94	77 - 121
1,2-Dichloroethane-d4	95	73 - 130

Client: Secor International, Inc. Job Number: 720-2979-1

Client Sample ID: MW-3

Lab Sample ID: 720-2979-3
Client Matrix: Water

Date Sampled: 03/23/2006 1446
Date Received: 04/04/2006 1610

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

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 04/05/2006 1958
Date Prepared: 04/05/2006 1131

Analysis Batch: 720-7381
Prep Batch: 720-7337

Instrument ID: HP DRO5
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]	260		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	85	60 - 130

General Chemistry

Client Sample ID: MW-3

Lab Sample ID: 720-2979-3
Client Matrix: Water

Date Sampled: 03/23/2006 1446
Date Received: 04/04/2006 1610

Analyte	Result	Qual	Units	RL	Dil	Method
HEM (Oil & Grease)	ND		mg/L	2.0	1.0	1664A
	Anly Batch: 720-7334		Date Analyzed 04/05/2006 1014			
	Prep Batch: 720-7328		Date Prepared: 04/05/2006 0640			

DATA REPORTING QUALIFIERS

Client: Secor International, Inc. Job Number: 720-2979-1

Lab Section	Qualifier	Description
GC/MS VOA		
	EY	Estimated value. The concentration exceeds the calibration of analysis
	LQ	LCS/LCSD recovery above method control limits
	AY	Matrix Interference suspected
	EX	Matrix spike diluted to not detectable during analysis
	RA	RPD exceeds limits due to matrix interference. % recoveries were within limits

Client: Secor International, Inc. Job Number: 720-2979-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-7377				
LCS 720-7377/16	Lab Control Spike	Water	8260B	
LCSD 720-7377/15	Lab Control Spike Duplicate	Water	8260B	
MB 720-7377/17	Method Blank	Water	8260B	
720-2944-A-4 MS	Matrix Spike	Water	8260B	
720-2944-A-4 MSD	Matrix Spike Duplicate	Water	8260B	
720-2979-12TB	QCTB	Water	8260B	
Analysis Batch:720-7421				
LCS 720-7421/12	Lab Control Spike	Water	8260B	
LCSD 720-7421/11	Lab Control Spike Duplicate	Water	8260B	
MB 720-7421/13	Method Blank	Water	8260B	
720-2978-B-1 MS	Matrix Spike	Water	8260B	
720-2978-B-1 MSD	Matrix Spike Duplicate	Water	8260B	
720-2979-1	MW-1	Water	8260B	
720-2979-2	MW-2	Water	8260B	
720-2979-3	MW-3	Water	8260B	
720-2979-6	MW-6	Water	8260B	
720-2979-7	MW-7	Water	8260B	
720-2979-8	MW-8	Water	8260B	
720-2979-9	MW-9	Water	8260B	
720-2979-10	MW-10	Water	8260B	
Analysis Batch:720-7428				
LCS 720-7428/12	Lab Control Spike	Water	8260B	
LCSD 720-7428/11	Lab Control Spike Duplicate	Water	8260B	
MB 720-7428/13	Method Blank	Water	8260B	
720-2979-4	MW-4	Water	8260B	
720-2979-5	MW-5	Water	8260B	
720-2979-11	MW-11	Water	8260B	
720-2979-11MS	Matrix Spike	Water	8260B	
720-2979-11MSD	Matrix Spike Duplicate	Water	8260B	
GC Semi VOA				
Prep Batch: 720-7337				
LCS 720-7337/2-A	Lab Control Spike	Water	3510C	
LCSD 720-7337/3-A	Lab Control Spike Duplicate	Water	3510C	
MB 720-7337/1-A	Method Blank	Water	3510C	
720-2979-3	MW-3	Water	3510C	
Analysis Batch:720-7381				
LCS 720-7337/2-A	Lab Control Spike	Water	8015B	720-7337
LCSD 720-7337/3-A	Lab Control Spike Duplicate	Water	8015B	720-7337
MB 720-7337/1-A	Method Blank	Water	8015B	720-7337
720-2979-3	MW-3	Water	8015B	720-7337

Client: Secor International, Inc. Job Number: 720-2979-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
General Chemistry				
Prep Batch: 720-7328				
LCS 720-7328/2-A	Lab Control Spike	Water	1664A	
LCSD 720-7328/3-A	Lab Control Spike Duplicate	Water	1664A	
MB 720-7328/1-A	Method Blank	Water	1664A	
720-2979-3	MW-3	Water	1664A	
Analysis Batch:720-7334				
LCS 720-7328/2-A	Lab Control Spike	Water	1664A	720-7328
LCSD 720-7328/3-A	Lab Control Spike Duplicate	Water	1664A	720-7328
MB 720-7328/1-A	Method Blank	Water	1664A	720-7328
720-2979-3	MW-3	Water	1664A	720-7328

Client: Secor International, Inc. Job Number: 720-2979-1

Method Blank - Batch: 720-7377

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-7377/17
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/05/2006 1044
Date Prepared: 04/05/2006 1044

Analysis Batch: 720-7377
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200604\04
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	93	77 - 121
1,2-Dichloroethane-d4	94	73 - 130

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

Client: Secor International, Inc. Job Number: 720-2979-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-7377

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-7377/16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/05/2006 0952
Date Prepared: 04/05/2006 0952

Analysis Batch: 720-7377
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200604\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-7377/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/05/2006 1018
Date Prepared: 04/05/2006 1018

Analysis Batch: 720-7377
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200604\04
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	94	97	69 - 129	4	25		
MTBE	119	129	65 - 165	7	25		
Toluene	92	95	70 - 130	4	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	93	94	77 - 121
1,2-Dichloroethane-d4	82	81	73 - 130

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

Client: Secor International, Inc. Job Number: 720-2979-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-7377

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-2944-A-4 MS	Analysis Batch: 720-7377	Instrument ID: Saturn 3900B
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200604\(
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	04/05/2006 1356		Final Weight/Volume: 10 mL
Date Prepared:	04/05/2006 1356		

MSD Lab Sample ID:	720-2944-A-4 MSD	Analysis Batch: 720-7377	Instrument ID: Saturn 3900B
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200604\04
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	04/05/2006 1422		Final Weight/Volume: 10 mL
Date Prepared:	04/05/2006 1422		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	83	90	69 - 129	8	20		
MTBE	86	106	65 - 165	20	20		
Toluene	85	88	70 - 130	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	88	89	77 - 121
1,2-Dichloroethane-d4	81	84	73 - 130

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

Client: Secor International, Inc. Job Number: 720-2979-1

Method Blank - Batch: 720-7421

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-7421/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/06/2006 1151
Date Prepared: 04/06/2006 1151

Analysis Batch: 720-7421
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200604\04
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	103	77 - 121
1,2-Dichloroethane-d4	105	73 - 130

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

Client: Secor International, Inc. Job Number: 720-2979-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-7421

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-7421/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/06/2006 1031
Date Prepared: 04/06/2006 1031

Analysis Batch: 720-7421
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200604\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-7421/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/06/2006 1058
Date Prepared: 04/06/2006 1058

Analysis Batch: 720-7421
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200604\040
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	97	107	69 - 129	10	25		
MTBE	102	109	65 - 165	7	25		
Toluene	109	112	70 - 130	2	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	105	108	77 - 121
1,2-Dichloroethane-d4	93	96	73 - 130

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

Client: Secor International, Inc. Job Number: 720-2979-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-7421

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-2978-B-1 MS	Analysis Batch: 720-7421	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200604\(
Dilution:	10		Initial Weight/Volume: 10 mL
Date Analyzed:	04/06/2006 1345		Final Weight/Volume: 10 mL
Date Prepared:	04/06/2006 1345		

MSD Lab Sample ID:	720-2978-B-1 MSD	Analysis Batch: 720-7421	Instrument ID: Varian 3900C
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200604\04
Dilution:	10		Initial Weight/Volume: 10 mL
Date Analyzed:	04/06/2006 1412		Final Weight/Volume: 10 mL
Date Prepared:	04/06/2006 1412		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	66	61	69 - 129	7	20	EX	AY
MTBE	86	87	65 - 165	1	20		
Toluene	67	65	70 - 130	3	20	EX	AY

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	101	103	77 - 121
1,2-Dichloroethane-d4	103	100	73 - 130

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

Client: Secor International, Inc. Job Number: 720-2979-1

Method Blank - Batch: 720-7428

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-7428/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/06/2006 1349
Date Prepared: 04/06/2006 1349

Analysis Batch: 720-7428
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200604\04
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	103	77 - 121
1,2-Dichloroethane-d4	121	73 - 130

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

Client: Secor International, Inc. Job Number: 720-2979-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-7428

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-7428/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/06/2006 1305
Date Prepared: 04/06/2006 1305

Analysis Batch: 720-7428
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200604\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-7428/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/06/2006 1327
Date Prepared: 04/06/2006 1327

Analysis Batch: 720-7428
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200604\040
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	104	105	69 - 129	2	25		
MTBE	105	108	65 - 165	2	25		
Toluene	106	106	70 - 130	0	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	101	101	77 - 121
1,2-Dichloroethane-d4	118	119	73 - 130

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

Client: Secor International, Inc. Job Number: 720-2979-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-7428

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-2979-11	Analysis Batch: 720-7428	Instrument ID: Varian 3900A
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200604\(
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	04/06/2006 1434		Final Weight/Volume: 10 mL
Date Prepared:	04/06/2006 1434		

MSD Lab Sample ID:	720-2979-11	Analysis Batch: 720-7428	Instrument ID: Varian 3900A
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200604\04
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	04/06/2006 1456		Final Weight/Volume: 10 mL
Date Prepared:	04/06/2006 1456		

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	79	102	69 - 129	25	20		RA
MTBE	86	113	65 - 165	27	20		RA
Toluene	81	101	70 - 130	22	20		RA

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Toluene-d8	103		103		77 - 121
1,2-Dichloroethane-d4	131	AY	131	AY	73 - 130

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

Method Blank - Batch: 720-7337

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-7337/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/05/2006 1835
Date Prepared: 04/05/2006 1131

Analysis Batch: 720-7381
Prep Batch: 720-7337
Units: ug/L

Instrument ID: HP DRO5
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	89	60 - 130

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-7337

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-7337/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/05/2006 1903
Date Prepared: 04/05/2006 1131

Analysis Batch: 720-7381
Prep Batch: 720-7337
Units: ug/L

Instrument ID: HP DRO5
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 720-7337/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/05/2006 1930
Date Prepared: 04/05/2006 1131

Analysis Batch: 720-7381
Prep Batch: 720-7337
Units: ug/L

Instrument ID: HP DRO5
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]	93	96	60 - 130	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	92	92	60 - 130

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

Client: Secor International, Inc. Job Number: 720-2979-1

Method Blank - Batch: 720-7328

Method: 1664A
Preparation: 1664A

Lab Sample ID: MB 720-7328/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/05/2006 1014
Date Prepared: 04/05/2006 0640

Analysis Batch: 720-7334
Prep Batch: 720-7328
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: 720-7328

Method: 1664A
Preparation: 1664A

LCS Lab Sample ID: LCS 720-7328/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/05/2006 1014
Date Prepared: 04/05/2006 0640

Analysis Batch: 720-7334
Prep Batch: 720-7328
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 720-7328/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 04/05/2006 1014
Date Prepared: 04/05/2006 0640

Analysis Batch: 720-7334
Prep Batch: 720-7328
Units: mg/L

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

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
HEM (Oil & Grease)	96	88	79 - 114	9	18		

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

SEVERN TRENT **STL**

STL San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 Fax: (925) 484-1096
Email: sfloginn@stl-inc.com

720-2979

Reference #: 40255
Date 4/4 Page 2 of 2

Report To

Attn: **Kimber Collins**
Company: **SECOR International**
Address: **3017 Kilgore Rd., Ste. 100, Rancho Cordova, CA, 95670**
Phone: **916-861-0400** Email: **kcollins@secor.com**
Bill To: **SECOR**
Sampled By: **Robert Hilditch**
Attn: Catherine Spelis
Phone: **916-861-0400**

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☒ 8260B ?? Gas w/ ☒ BTEX ☒ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M* ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☒ Gas ☒ BTEX ☒ Five Oxyenates ☒ DCA, EDB ☒ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	Low Level Metals by EPA 200.8/6020 (ICP-MS): ___	☐ W.E.T (STLC) ☐ TCLP	Hexavalent Chromium ☐ ☐ pH (24h hold time for H_2O)	Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS ☐	Anions : ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4				Number of Containers
MW-9	3-23-06	1704	W	HCl				X																		
MW-10	↓	1357	↓	↓				X																		
MW-11		1255						X																		
QCTB	↓	~~1255~~	↓	↓	X																					

RUSH

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Project Info.

Project Name: **1Q06 Sampling Event**
Project#: **77BP.50126.01 / 77CP.60126.02**
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp:
Conforms to record:

TAT: 5 Day | 72h | 48h | 24h | Other:

Report: ☒ Routine ☐ Level 3 ☐ Level 4 ☒ EDD ☐ State Tank Fund EDF
Special Instructions / Comments: ☒ Global ID: T0600100208

Bill SECOR for analytical costs.
EDF must be in BP format. Send EDF to bpdata@secor.com ; gsims@secor.com ; kcollins@secor.com

See Terms and Conditions on reverse

*STL SF reports 8015M from C_9-C_{24} (industry norm). Default for 8015B is C_{10}-C_{28}.

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: 1845	Signature:	Signature: 1320
Printed Name: Robert Hilditch 3-23-06	Printed Name: Brian Stoermann 1230	Printed Name: Cheng Ive 4/4/06
Company: SECOR	Company: SECOR 3/31/06	Company: STL
1) Received by:	**2) Received by:**	**3) Received by:**
Signature: 1200	Signature: 1230	Signature: 1320
Printed Name: Brian Stoermann 3/31/06	Printed Name: Cheng Ive 3/31/06	Printed Name: 4/4/06
Company: SECOR	Company: STL Sacto	Company: STL SF

Rev 06/04

Relinquished by Courier 4/4/06

Rec'd by STL SF 4/4/06 1610

SEVERN TRENT **STL**

STL San Francisco Chain of Custody

1220 Quarry Lane ● Pleasanton CA 94566-4756
Phone: (925) 484-1919 ● Fax: (925) 484-1096
Email: sflogin@stl-inc.com

720-2979

Reference #: 46255 4/4 [illegible]

Date ________ Page 1 of 2

Report To

Attn: Kimber Collins

Company: SECOR International

Address: 3017 Kilgore Rd., Ste. 100, Rancho Cordova, CA, 95670

Phone: 916-861-0400 Email: kcollins@secor.com

Bill To: SECOR Sampled By: Robert Hilditch

Attn: Catherine Spelis Phone: 916-861-0400

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH EPA - ☐ 8015/8021 ☐ 8260B ☐ Gas w/ ☐ BTEX ☐ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M* ☐ Silica Gel ☒ Diesel ☐ Motor Oil ☐ Other	Fuel Tests EPA 8260B: ☒ Gas ☒ BTEX ☒ Five Oxygenates ☒ DCA, EDB ☒ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☒ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☐ Lead ☐ LUFT ☐ RCRA ☐ Other:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	W.E.T (STLC) ☐ TCLP ☐	Hexavalent Chromium ☐ pH (24h hold time for H_2O) ☐	Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS ☐	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4				Number of Containers
MW-1	3-23-06	1631	W	HCl				X																	
MW-2	↓	1502	↓	↓				X																	
MW-3		1446					X	X				X													
MW-4		1730						X																	
MW-5		1329						X																	
MW-6		1529						X																	
MW-7		1605						X																	
MW-8	↓	1725						X																	

RUSH

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Project Info.	Sample Receipt
Project Name: 1Q06 Sampling Event	# of Containers:
Project#: 77BP.50126.01/ 77CP.60126.02	Head Space:
PO#: 11126 - Emeryville	Temp: 2°C
Credit Card#:	Conforms to record:

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Signature: [signature] Time: 1445	Signature: [signature] Time: 1230	Signature: [signature] Time: 1320
Printed Name: Robert Hilditch Date: 3-23-06	Printed Name: Brian Scheuermann Date: 3/31/06	Printed Name: Cheng Vue Date: 4/4/06
Company: SECOR	Company: SECOR	Company: STL

1) Received by:	2) Received by:	3) Received by:
Signature: [signature] Time: 1200	Signature: [signature] 3/31/06 Time:	Signature: [signature] Time: 1320
Printed Name: Brian Scheuermann Date: 3/31/06	Printed Name: Cheng Vue Date: 1230	Printed Name: B. Morris Date: 4/4/06
Company: SECOR	Company: STL Sacto	Company: STL-SF

TAT	5 Day	72h	48h	24h	Other:

Report: ☒ Routine ☐ Level 3 ☐ Level 4 ☒ EDD ☐ State Tank Fund EDF

Special Instructions / Comments: ☐ Global ID : T0600100208

Bill SECOR for analytical costs.
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Rev 06/04

Relinquished by [signature] 4-4-06 Rec'd STL-SF [signature] 4/4/06 16:10

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Secor International, Inc. Job Number: 720-2979-1

Login Number: 2979

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	