Atlantic Richfield Company
(a BP affiliated company)

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

Submitted by:

Paul Supple
Environmental Business Manager

SECOR
INTERNATIONAL
INCORPORATED

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Quarterly Groundwater Monitoring Progress Report
Third Quarter 2006

76 (Former BP) Service Station No.11126
1700 Powell Street
Emeryville, California 94608

SECOR Project No.: 77BP.50126.01.0436 and 77CP.01731.00

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

Submitted by:
SECOR International Incorporated
3017 Kilgore Road, Suite 100
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Prepared on behalf of:
Atlantic Richfield Company, a BP affiliated company
Mr. Paul Supple
Environmental Business Manager
P.O. Box 1257
San Ramon, California 94583

And

ConocoPhillips
Ms. Shelby Lathrop
76 Broadway
Sacramento, California 95818

October 16, 2006

DATE: October 16, 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 1257 San Ramon, California 94583
ConocoPhillips Contact	Ms. Shelby Lathrop ConocoPhillips 76 Broadway Sacramento, California 95818
Consulting Company:	SECOR International, Inc. – Ms. Catherine Spelis
SECOR Project No.:	77BP.50126.01.0436 and 77CP.01731.00
Primary Agency/Contact:	Mr. Steven Plunkett Alameda County Environmental Health Department 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502

WORK PERFORMED THIS QUARTER [Third – 2006]

1. Performed groundwater monitoring and sampling of wells on September 19, 2006.
2. SECOR submitted the *Quarterly Groundwater Monitoring Report – Second Quarter 2006* on July 11, 2006.

WORK PROPOSED FOR NEXT QUARTER [Fourth – 2006]

1. Groundwater monitoring and sampling event will be performed by SECOR.
2. 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. A summary of previous investigations and site history is included as Attachment A.

Current Site Information	
Current Phase of Project:	Groundwater Monitoring
Frequency of Monitoring and Sampling:	Quarterly, 11 monitoring wells (MW-1 through MW-11)
Is Free Product (FP) Present on Site?	No
Historic Range in Depth to Water, Q4-1993 to Q2-2006:	2.50 feet to 10.23 feet below top of casing (TOC)
Current Remediation Techniques:	Natural Attenuation

Current Quarter Monitoring Data	(See Figure 1 and Tables 1, 2, and 3)
Wells Monitored and Sampled:	MW-1 through MW-11
Sampling Date	September 19, 2006
Depth to Groundwater (DTW, feet below TOC)	3.67 feet (MW-1) to 10.16 feet below TOC (MW-11)
Average Change in Groundwater Elevation Since Last Event:	0.29 foot decrease
Groundwater Flow Direction and Gradient:	Southwest at 0.013 feet per foot (ft/ft)
Current Quarter Analytical Data	(See Figure 2 and Table 1)
Minimum/Maximum Gasoline Range Organics (GRO) Concentrations	ND<50 micrograms per liter (µg/L) in 5 wells/68,000 µg/L(MW-2)
Minimum/Maximum Benzene Concentrations	ND<0.50 µg/L in 5 wells/12,000 µg/L, (MW-2)
Minimum/Maximum Methyl tertiary butyl ether (MtBE) Concentrations	ND<0.50 µg/L (MW-11)/16,000 µg/L, (MW-2)
Minimum/Maximum Tertiary butyl alcohol (TBA) Concentrations	ND<5.0 µg/L (MW-10 and MW-11)/27,000 µg/L (MW-4)

MONITORING AND SAMPLING PROCEDURES

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

collected on September 19, 2006. Field notes from September 19, 2006 monitoring and sampling event and SECOR's standard groundwater monitoring and sampling procedures are included as Attachment B.

GROUNDWATER SAMPLE ANALYSES

Groundwater samples were submitted to Severn Trent Laboratories (STL) for analysis of GRO, benzene, toluene, ethylbenzene, and xylenes (BTEX), fuel oxygenates (MtBE, tertiary amyl methyl ether [TAME], di-isopropyl ether [DIPE], ethyl tertiary butyl ether [EtBE], TBA, and ethanol), and lead scavengers 1,2-dichloroethane (1,2-DCA) and ethylene dibromide (EDB) by U.S. Environmental Protection Agency (EPA) Method 8260B. Additional groundwater samples were collected from well MW-3, and were submitted for analysis of diesel range organics (DRO) by EPA Method 8015B, and total oil and grease (TOG) by EPA Method 1664A. A certified laboratory analytical report and chain-of-custody documentation are included as Attachment C.

GROUNDWATER SAMPLE RESULTS AND DISTRIBUTION

During the third quarter 2006, depth to groundwater within the wells ranged from 3.67 feet below TOC in well MW-1 to 10.16 feet below TOC in well MW-11. Historical depth to groundwater levels have ranged between approximately 2.50 feet and 10.23 feet below TOC. On September 19, 2006, the direction of groundwater flow beneath and in the site vicinity of the site was toward the southwest at a hydraulic gradient of 0.013 ft/ft, which was generally consistent with the historical groundwater flow direction and gradient since 2003. Prior to 2003, the historical groundwater flow direction was reportedly variable since 2001; however, the groundwater flow patterns were most consistently toward the south and southwest. Depth to groundwater measurements, calculated groundwater elevation data, and historical groundwater gradient data are presented in Tables 1 and 3. Groundwater elevation data were used to construct a potentiometric surface map, which is included as Figure 1.

Contaminant Concentrations

Evaluation of recent and historical groundwater analytical data indicates that the highest concentrations of GRO, BTEX, MtBE, TAME, and TBA have been detected in wells located in the immediate vicinity (MW-1 and MW-9) and northwest of the USTs (MW-2). Based on the generally southwesterly groundwater flow direction reported over previous sampling events, elevated concentrations of GRO have been present downgradient in MW-5, and elevated concentrations of TBA have been detected in well MW-4.

Dissolved GRO, Benzene, and MtBE

During the third quarter 2006 monitoring and sampling event, concentrations of GRO were detected on-site in wells MW-1 (1,600 µg/L), MW-2 (68,000 µg/L), and MW-9 (9,000 µg/L) and off-site in well MW-5 (4,600 µg/L), located south of the site. Benzene was detected on-site in wells MW-1 (240 µg/L), MW-2 (12,000 µg/L), and MW-9 (2,600 µg/L) and off-site in MW-5 (6.7 µg/L). MtBE was detected in each of the on-site wells, with the highest concentrations detected in wells MW-2 (16,000 µg/L), and MW-9 (3,100 µg/L). Lower concentrations of MtBE were detected off-site in wells MW-5, MW-6, MW-7, and MW-10. TBA was detected in each on-site

well and in off-site wells MW-5, MW-6, and MW-7 up to a maximum concentration of 27,000 µg/L (MW-4).

Dissolved Other Fuel Oxygenates and Lead Scavengers
Tame was detected in on-site wells MW-2 (370 µg/L) and MW-9 (100 µg/L) and in off-site wells MW-6 (1.4 µg/L) and MW-7 (1.6 µg/L) during the third quarter 2006. Other fuel oxygenates and lead scavengers (1,2-DCA, and EDB) were not detected at or above laboratory method reporting limits (MRLs).

Dissolved DRO and TOG
Well MW-3 has historically been analyzed for DRO and TOG since 1992. Consistent with historical data, DRO was detected in well MW-3 at a concentration of 330 µg/L, while TOG was not detected at or above the laboratory MRL during the third quarter 2006 monitoring and sampling event. Groundwater analytical data are presented in Tables 1 and 2, and are included on Figure 2.

PLUME STATUS

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

PURGE AND RINSATE WATER DISPOSAL

Approximately 48 gallons of groundwater generated during the third quarter 2006 was 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

Catherine Spelis
Project Manager

Rusty Benkosky, P.E.
Principal Engineer

ATTACHMENTS

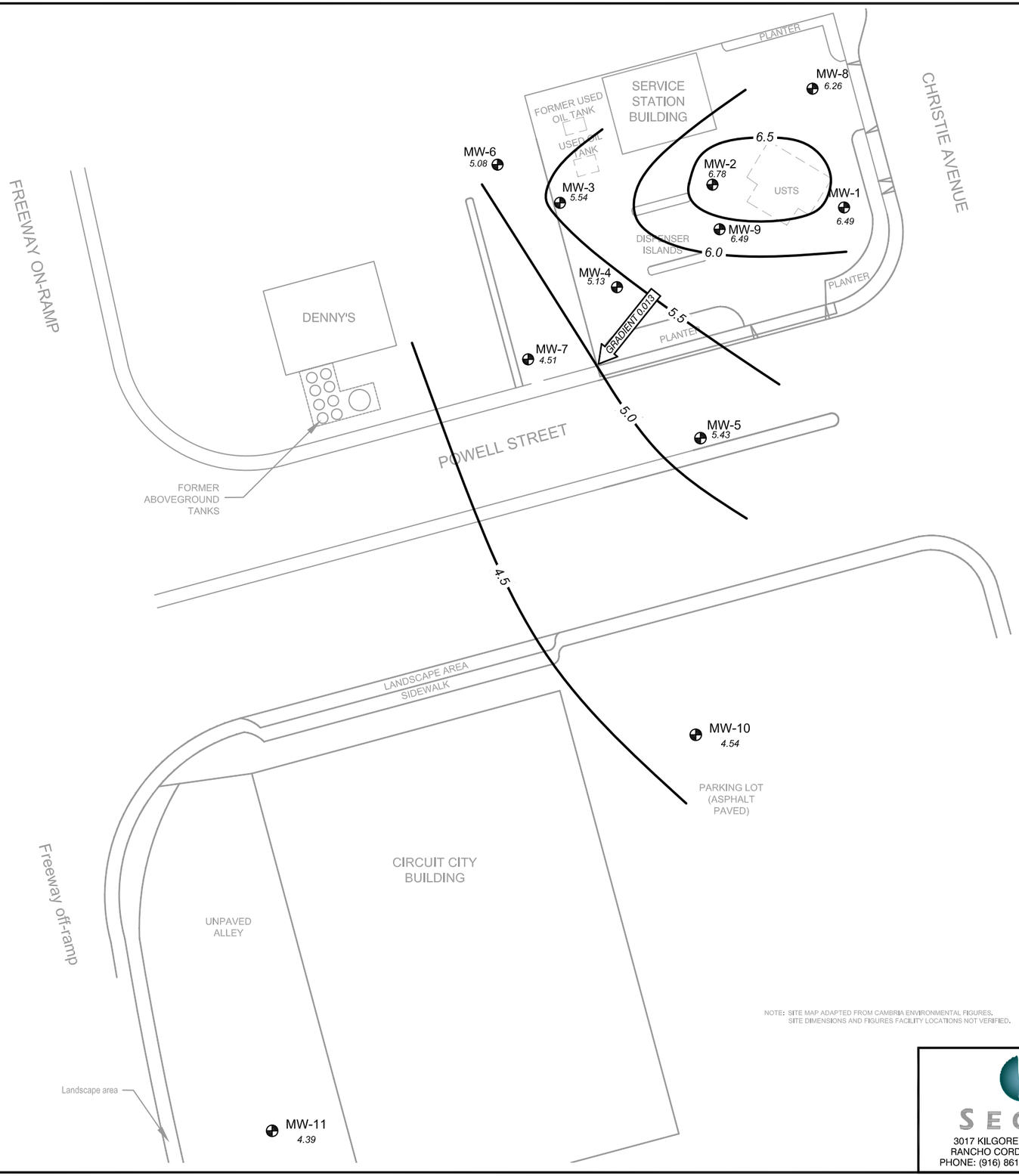
Figure 1 – Groundwater Elevation Contour Map – September 19, 2006
Figure 2 – Groundwater Chemical Concentration Map – September 19, 2006

Table 1 – Current Groundwater Monitoring and Analytical Data
Table 2 – Historical Groundwater Monitoring and Analytical Data

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

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

FIGURES



LEGEND:

- 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 SEPTEMBER 19, 2006

FIGURE: **1**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77BP.50126.01 77CP.01731.00	CDH	KC	BS	10/9/06

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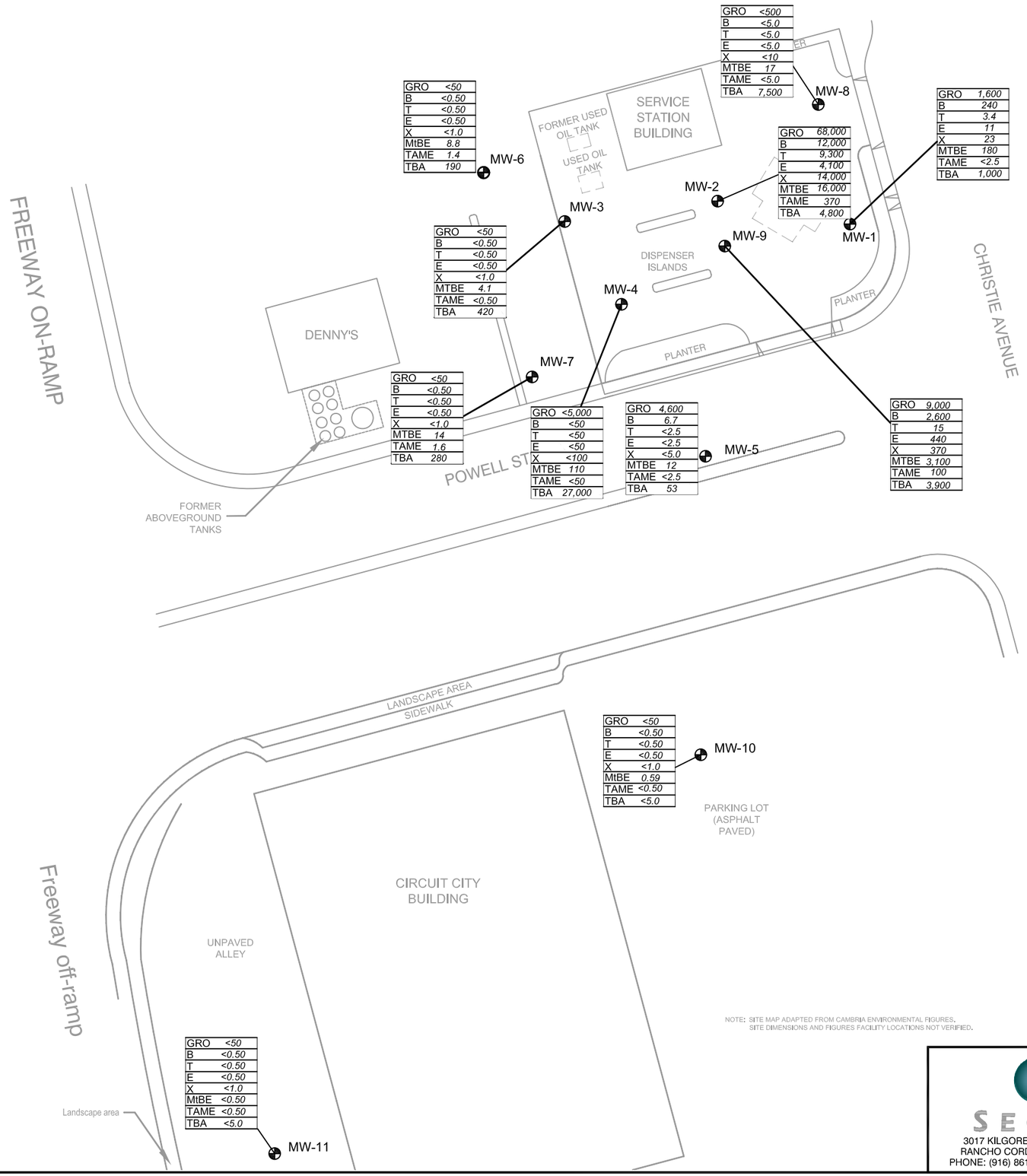

NOTE: SITE MAP ADAPTED FROM CAMBRIA ENVIRONMENTAL FIGURES. SITE DIMENSIONS AND FIGURES FACILITY LOCATIONS NOT VERIFIED.

LEGEND:

MW-1 GROUNDWATER MONITORING WELL

CHEMICAL ANALYTICAL RESULTS:

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

ANALYTES:

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

N

0 50 100

SCALE IN FEET

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1700 POWELL STREET
EMERYVILLE, CALIFORNIA

GROUNDWATER CHEMICAL CONCENTRATION MAP SEPTEMBER 19, 2006

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77BP.50126.01 77CP.01731.00	CDH	KC	BS	10/9/06

Q:\CADD-77\BP-ARCO\11126\AUTOPOST2006\3Q\GW CONC.dwg, cholt

TABLES

TABLE 1
Current Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-1	09/19/06	-	10.16	3.67	6.49	1,600	-	-	240	3.4	11	23	180	1,000	<5.0	<2.5	<2.5	<1,300	<2.5	<2.5	-	-	p
MW-2	09/19/06	-	11.39	4.61	6.78	68,000	-	-	12,000	9,300	4,100	14,000	16,000	4,800	<100	<50	370	<25,000	<50	<50	-	-	-
MW-3	09/19/06	-	10.73	5.19	5.54	<50	330	<2.0	<0.50	<0.50	<0.50	<1.0	4.1	420	<1.0	<0.50	<0.50	<250	<0.50	<0.50	-	-	-
MW-4	09/19/06	-	10.58	5.45	5.13	<5,000	-	-	<50	<50	<50	<100	110	27,000	<100	<50	<50	<25,000	<50	<50	-	-	p
MW-5	09/19/06	-	10.18	4.75	5.43	4,600	-	-	6.7	<2.5	<2.5	<5.0	12	53	<5.0	<2.5	<2.5	<1300	<2.5	<2.5	-	-	-
MW-6	09/19/06	-	11.01	5.93	5.08	<50	-	-	<0.50	<0.50	<0.50	<1.0	8.8	190	<1.0	<0.50	1.4	<250	<0.50	<0.50	-	-	-
MW-7	09/19/06	-	10.11	5.60	4.51	<50	-	-	<0.50	<0.50	<0.50	<1.0	14	280	<1.0	<0.50	1.6	<250	<0.50	<0.50	-	-	-
MW-8	09/19/06	-	11.08	4.82	6.26	<500	-	-	<5.0	<5.0	<5.0	<10	17	7,500	<10	<5.0	<5.0	<2,500	<5.0	<5.0	-	-	p
MW-9	09/19/06	-	10.55	4.06	6.49	9,000	-	-	2,600	15	440	370	3,100	3,900	<25	<13	100	<6,300	<13	<13	-	-	p
MW-10	09/19/06	-	12.53	7.99	4.54	<50	-	-	<0.50	<0.50	<0.50	<1.0	0.59	<5.0	<1.0	<0.50	<0.50	<250	<0.50	<0.50	-	-	-
MW-11	09/19/06	-	14.55	10.16	4.39	<50	-	-	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<1.0	<0.50	<0.50	<250	<0.50	<0.50	-	-	-

Notes:
P/NP = Purged/Not Purged
TOC = Top of casing (surveyed)
DTW = Depth to Water
GWE = Calculated groundwater elevation = TOC - Depth to Water + 0.75*(Measured SPH Thickness); assuming a specific gravity of 0.75 for SPH
GRO = Gasoline range organics
DRO = Diesel range organics
TOG = Total petroleum hydrocarbons as oil and grease
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MTBE = Methyl tert-butyl ether
TBA = Tert-butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
TAME = Tert-amyl methyl ether
1,2-DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane
HVOC = Halogenated volatile organic compounds
D.O. = Dissolved Oxygen
ft-MSL = feet above mean sea level
µg/L = Micrograms per liter
< = Analyte was not detected above the specified method reporting limit
- = Not measured or analyzed

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	SPH (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-1	11/04/92	-	7.76	4.96	0.00	2.80	5,300	-	-	1,100	480	<0.50	1,500	-	-	-	-	-	-	-	-	-	-	e
	10/12/93	-		5.26	0.00	2.50	3,600	-	-	970	71	100	550	6,100	-	-	-	-	-	-	-	-	-	e
	02/15/94	-		4.98	0.00	2.78	17,000	-	-	4,200	510	360	1,600	5,500	-	-	-	-	-	-	-	-	3.9	e
	05/11/94	-		4.55	0.00	3.21	5,500	-	-	2,900	37	56	64	700	-	-	-	-	-	-	-	-	8.0	e
	08/01/94	-	-	-	0.00	-	16,000	-	-	3,600	750	510	2,800	9,800	-	-	-	-	-	-	-	-	-	c
	08/01/94	-	7.76	5.51	0.00	2.25	15,000	-	-	3,600	740	510	2,800	9,700	-	-	-	-	-	-	-	-	2.9	e
	10/18/94	-	-	-	0.00	-	16,000	-	-	1,900	64	170	950	-	-	-	-	-	-	-	-	-	-	c
	10/18/94	-	7.76	5.11	0.00	2.65	16,000	-	-	1,800	61	160	890	16,000	-	-	-	-	-	-	-	-	2.9	e
	01/13/95	-	-	-	0.00	-	590	-	-	88	0.70	<0.50	55	-	-	-	-	-	-	-	-	-	-	c
	01/13/95	-	7.76	3.05	0.00	4.71	220	-	-	7.0	<0.50	1.0	23	-	-	-	-	-	-	-	-	-	6.6	-
	04/13/95	-		3.84	0.00	3.92	9,300	-	-	4,000	300	200	950	-	-	-	-	-	-	-	-	-	7.7	-
	07/11/95	-		3.60	0.00	4.16	15,000	-	-	2,200	84	<25	2,500	-	-	-	-	-	-	-	-	-	8.8	-
	11/02/95	-		4.58	0.00	3.18	19,000	-	-	920	<100	<100	430	52,000	-	-	-	-	-	-	-	-	7.3	-
	02/05/96	-		4.43	0.00	3.33	4,600	-	-	1,400	330	54	250	8,700	-	-	-	-	-	-	-	-	3.2	-
	04/24/96	-		4.00	0.00	3.76	2,000	-	-	510	33	61	230	4,500	-	-	-	-	-	-	-	-	7.5	-
	07/15/96	-		4.30	0.00	3.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/96	-	-	-	0.00	-	12,000	-	-	2,800	160	390	1,600	63,000	-	-	-	-	-	-	-	-	-	c
	07/16/96	-	7.76	-	0.00	-	12,000	-	-	2,800	170	390	1,600	64,000	-	-	-	-	-	-	-	-	7.9	-
	07/30/96	-		4.64	0.00	3.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/12/96	-		-	0.00	-	11,000	-	-	2,500	160	<10	1,700	440,000	-	-	-	-	-	-	-	-	7.0	-
	11/04/96	-		5.98	0.00	1.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/96	-		-	0.00	-	53,000	-	-	1,300	43	100	350	42,000/19,0000	-	-	-	-	-	-	-	-	6.6	
	05/17/97	-		4.65	0.00	3.11	52,000	-	-	2,000	55	300	1,200	140,000	-	-	-	-	-	-	-	-	5.7	-
	08/11/97	-		4.90	0.00	2.86	25,000	-	-	540	6.7	<5.0	57	360,000	-	-	-	-	-	-	-	-	7.9	-
	11/17/97	-		6.12	0.00	1.64	93,000	-	-	1,200	31	180	40	400,000	-	-	-	-	-	-	-	-	7.6	-
	01/29/98	-		4.90	0.00	2.86	4,800	-	-	320	24	52	20	<50	-	-	-	-	-	-	-	-	6.6	-
	06/22/98	-		4.62	0.00	3.14	63,000	-	-	180	<5.0	15	69	57,000	-	-	-	-	-	-	-	-	6.0	-
	12/30/98	-		5.41	0.00	2.35	22,000	-	-	2,500	24	120	400	15,000/13,000	-	-	-	-	-	-	-	-	-	
	03/09/99	-		3.40	0.00	4.36	16,000	-	-	2,000	84	290	510	13,000	-	-	-	-	-	-	-	-	-	-
	06/23/99	-		4.60	0.00	3.16	9,600	-	-	4,500	21	160	260	24,000	-	-	-	-	-	-	-	-	-	-
	09/23/99	-		4.21	0.00	3.55	3,800	-	-	1,600	32	150	240	7,100	-	-	-	-	-	-	-	-	-	-
	12/28/99	-		4.10	0.00	3.66	3,400	-	-	<2,200	17	53	130	5,500	-	-	-	-	-	-	-	-	-	-
	03/22/00	-		5.51	0.00	2.25	6,400	-	-	1,100	45	190	330	4,900	-	-	-	-	-	-	-	-	-	-
	05/26/00	-		4.79	0.00	2.97	110,000	-	-	700	44	140	250	320,000	-	-	-	-	-	-	-	-	-	-
	09/06/00	-		5.19	0.00	2.57	5,600	-	-	1,000	13	57	90	19,000	-	-	-	-	-	-	-	-	-	-
	09/15/00	-		5.73	0.00	2.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/11/00	-		5.82	0.00	1.94	5,500	-	-	1,200	47	160	290	3,900	-	-	-	-	-	-	-	-	-	-
	03/29/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	06/27/01	-		5.49	0.00	2.27	6,100	-	-	1,200	13	17	78	1,800	-	-	-	-	-	-	-	-	-	-
	09/19/01	-		6.19	0.00	1.57	1,800	-	-	100	<12.5	<12.5	<37.5	1,100	-	-	-	-	-	-	-	-	-	-
	12/28/01	-		5.27	0.00	2.49	4,000	-	-	540	12	20	65	1,100	-	-	-	-	-	-	-	-	-	-
	03/12/02	-		5.68	0.00	2.08	3,700	-	-	490	8.4	12	27	1,000	-	-	-	-	-	-	-	-	-	-
	06/13/02	-		5.54	0.00	2.22	1,900	-	-	260	<12.5	<12.5	<25	6,500	-	-	-	-	-	-	-	-	-	-
	09/06/02	-		5.56	0.00	2.20	1,100	-	-	170	5.1	2.2	20	550	-	-	-	-	-	-	-	-	-	-
	12/13/02	-		5.45	0.00	2.31	2,700	-	-	610	10	18	67	470	-	-	-	-	-	-	-	-	-	h
	02/19/03	-		3.00	0.00	4.76	1,500	-	-	180	<5.0	<5.0	15	610	-	-	-	-	-	-	-	-	-	i
	06/06/03	-		5.52	0.00	2.24	4,600	-	-	620	<25	<25	55	1,400	<1,000	<25	<25	<25	<5,000	-	-	-	-	-

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	SPH (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-1	08/07/03	-	7.76	5.55	0.00	2.21	2,000	-	-	290	<5.0	<5.0	15	920	560	<5.0	<5.0	12	<1,000	<5.0	<5.0	-	-	-
	11/20/03	P		5.41	0.00	2.35	2,800	-	-	420	11	11	53	250	<200	<5.0	<5.0	<5.0	1,800	-	-	-	-	s(Ethanol)
	04/28/04	P		5.33	0.00	2.43	1,600	-	-	100	5.3	<5.0	8.8	200	950	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	-	-	-
	08/26/04	P		4.03	0.00	3.73	1,700	-	-	220	7.2	15	35	180	320	<2.5	<2.5	<2.5	<500	<2.5	<2.5	-	-	q
	12/01/04	P		3.93	0.00	3.83	2,100	-	-	380	8.0	34	76	170	300	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	-	-	-
	02/02/05	P		3.61	0.00	4.15	1,100	-	-	150	3.0	12	14	160	6,700	<2.5	<2.5	<2.5	<500	<2.5	<2.5	-	-	q(Ethanol)
	04/25/05	P	10.16	3.75	0.00	6.41	930	-	-	140	3.6	5.3	11	200	5,000	<2.5	<2.5	<2.5	<500	<2.5	<2.5	-	-	-
	09/30/05	-		3.54	0.00	6.62	4,600	-	-	1,000	15	78	150	250	1,200	13	<5.0	<5.0	<500	<5.0	<5.0	-	-	m
	12/28/05	-		3.26	0.00	6.90	1,500	-	-	200	5.7	32	58	140	1,800	<10	<5.0	<5.0	<1,000	<5.0	-	-	-	-
	03/23/06	-		3.40	0.00	6.76	580	-	-	42	<5.0	10	20	40	2,800	<10	<5.0	<5.0	<1,000	<5.0	<5.0	-	-	-
	06/05/06	-		2.97	0.00	7.19	900	-	-	230	2.5	28	71	160	1,900	<5.0	<2.5	<2.5	<500	<2.5	<2.5	-	-	-
	09/19/06	**-**		**3.67**	**0.00**	**6.49**	**1,600**	**-**	**-**	**240**	**3.4**	**11**	**23**	**180**	**1,000**	**<5.0**	**<2.5**	**<2.5**	**<1,300**	**<2.5**	**<2.5**	**-**	**-**	**p**
MW-2	11/04/92	-	-	-	0.00	-	12,000	-	-	3,200	980	<0.50	1,900	-	-	-	-	-	-	-	-	-	-	c
	11/04/92	-	8.56	5.88	0.00	2.68	12,000	-	-	3,900	1,300	<0.50	2,300	-	-	-	-	-	-	-	-	-	-	e
	10/12/93	-		6.29	0.00	2.27	4,500	-	-	3,400	180	230	940	440	-	-	-	-	-	-	-	-	-	e
	02/15/94	-		5.56	0.00	3.00	2,000	-	-	430	270	28	390	130	-	-	-	-	-	-	-	-	4.0	c
	02/15/94	-	-	-	0.00	-	1,800	-	-	290	160	14	250	-	-	-	-	-	-	-	-	-	-	e
	05/11/94	-		-	0.00	-	15,000	-	-	5,600	1,500	470	2,000	740	-	-	-	-	-	-	-	-	-	c
	05/11/94	-	8.56	5.17	0.00	3.39	14,000	-	-	3,900	1,200	440	1,900	950	-	-	-	-	-	-	-	-	8.9	e
	08/01/94	-		5.43	0.00	3.13	8,200	-	-	3,000	420	230	680	1,700	-	-	-	-	-	-	-	-	2.6	e
	10/18/94	-		5.71	0.00	2.85	9,000	-	-	2,000	140	150	420	2,400	-	-	-	-	-	-	-	-	7.2	e
	01/13/95	-		4.67	0.00	3.89	7,900	-	-	2,200	42	<5.0	770	-	-	-	-	-	-	-	-	-	6.8	
	04/13/95	-	-	-	0.00	-	25,000	-	-	6,500	1,500	110	5,300	-	-	-	-	-	-	-	-	-	-	c
	04/13/95	-	8.56	4.37	0.00	4.19	33,000	-	-	8,000	2,500	1,100	6,600	-	-	-	-	-	-	-	-	-	7.5	
	07/11/95	-	-	-	0.00	-	28,000	-	-	6,800	1,000	900	4,900	-	-	-	-	-	-	-	-	-	-	c
	07/11/95	-	8.56	4.51	0.00	4.05	19,000	-	-	3,300	99	7.5	4,600	-	-	-	-	-	-	-	-	-	7.8	
	11/02/95	-	-	-	0.00	-	22,000	-	-	4,000	1,200	600	2,700	19,000	-	-	-	-	-	-	-	-	-	c
	11/02/95	-	8.56	5.55	0.00	3.01	20,000	-	-	3,800	1,200	570	2,700	15,000	-	-	-	-	-	-	-	-	7.3	
	02/05/96	-	-	-	0.00	-	910	-	-	290	180	19	140	93	-	-	-	-	-	-	-	-	-	c
	02/05/96	-	8.56	5.10	0.00	3.46	1,200	-	-	320	220	26	190	99	-	-	-	-	-	-	-	-	2.2	
	04/24/96	-		4.95	0.00	3.61	<500	-	-	70	22	<10	61	<50	-	-	-	-	-	-	-	-	7.0	c
	04/24/96	-	-	-	0.00	-	<500	-	-	100	30	<10	71	<100	-	-	-	-	-	-	-	-	-	-
	07/15/96	-	8.56	5.40	0.00	3.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/96	-		-	0.00	-	12,000	-	-	3,300	1,400	250	2,600	1,400	-	-	-	-	-	-	-	-	7.8	-
	07/30/96	-		5.44	0.00	3.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/04/96	-		7.06	0.00	1.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/96	-	-	-	0.00	-	9,200	-	-	1,300	170	<25	2,200	1,100	-	-	-	-	-	-	-	-	-	c
	11/05/96	-	8.56	-	0.00	-	7,200	-	-	1,400	230	38	2,100	1,100	-	-	-	-	-	-	-	-	7.4	-
	05/17/97	-		5.77	0.00	2.79	570	-	-	42	<5.0	5.0	60	210	-	-	-	-	-	-	-	-	6.9	-
	08/11/97	-		5.71	0.00	2.85	6,300	-	-	1,800	130	86	400	2,400	-	-	-	-	-	-	-	-	8.5	-
	11/17/97	-		6.91	0.00	1.65	2,400	-	-	220	30	33	260	130	-	-	-	-	-	-	-	-	7.9	-
	01/29/98	-		4.61	0.00	3.95	<50	-	-	<0.50	<1.0	<1.0	<1.0	<10	-	-	-	-	-	-	-	-	6.2	-
	06/22/98	-		4.80	0.00	3.76	4,200	-	-	640	150	120	650	560	-	-	-	-	-	-	-	-	5.4	-
	12/30/98	-		5.21	0.00	3.35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/23/99	-		5.30	0.00	3.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/23/99	-		4.75	0.00	3.81	3,800	-	-	760	19	210	960	910	-	-	-	-	-	-	-	-	-	-
	12/28/99	-		4.51	0.00	4.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	SPH (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-2	03/22/00	-	8.56	4.21	0.00	4.35	2,500	-	-	780	17	44	270	2,800	-	-	-	-	-	-	-	-	-	-
	05/26/00	-		4.66	0.00	3.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/06/00	-		4.71	0.00	3.85	3,700	-	-	1,200	5.5	12	170	12,000	-	-	-	-	-	-	-	-	-	-
	09/15/00	-		4.74	0.00	3.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/11/00	-		4.79	0.00	3.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/29/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	06/27/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	09/19/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	12/28/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	03/12/02	-		4.25	0.00	4.31	26,000	-	-	1,200	4.4	61	170	37,000	-	-	-	-	-	-	-	-	-	-
	06/13/02	-		4.94	0.00	3.62	18,000	-	-	580	<50	<50	<100	85,000	-	-	-	-	-	-	-	-	-	-
	09/06/02	-		5.23	0.00	3.33	26,000	-	-	440	<50	<50	<50	45,000	-	-	-	-	-	-	-	-	-	-
	12/13/02	-		4.94	0.00	3.62	69,000	-	-	1,200	<500	<500	<500	98,000	-	-	-	-	-	-	-	-	-	h
	02/19/03	-		4.14	0.00	4.42	78,000	-	-	1,100	<500	<500	<500	81,000	-	-	-	-	-	-	-	-	-	i
	06/06/03	-		4.66	0.00	3.90	120,000	-	-	1,100	<1,000	<1,000	<1,000	72,000	<40,000	<1,000	<1,000	1,300	<200,000	-	-	-	-	
	08/07/03	-		4.90	0.00	3.66	71,000	-	-	590	<500	<500	<500	83,000	45,000	<500	<500	1,300	<100,000	<500	<500	-	-	SHEEN
	11/20/03	P		4.59	0.00	3.97	22,000	-	-	720	<100	<100	<100	18,000	48,000	<100	<100	200	<20,000	-	-	-	-	-
	04/28/04	P		4.37	0.00	4.19	<25,000	-	-	690	<250	<250	<250	31,000	59,000	<250	<250	<250	<50,000	<250	<250	-	-	-
	08/26/04	P		4.59	0.00	3.97	140,000	-	-	8,200	18,000	4,200	19,000	11,000	<10,000	<250	<250	320	<50,000	<250	<250	-	-	q
	12/01/04	P		4.79	0.00	3.77	98,000	-	-	8,400	13,000	4,600	21,000	10,000	<4,000	<100	<100	230	<20,000	<100	<100	-	-	
	02/02/05	P		4.27	0.00	4.29	92,000	-	-	6,600	9,900	4,400	18,000	10,000	4,000	<100	<100	260	<20,000	<100	<100	-	-	SHEEN, q(Ethanol)
	04/25/05	P	11.39	4.00	0.00	7.39	80,000	-	-	6,700	4,900	4,400	17,000	8,200	3,700	<50	<50	220	<10,000	<50	<50	-	-	-
	09/30/05	-		4.86	0.00	6.53	98,000	-	-	7,700	7,400	4,700	20,000	16,000	4,700	<50	<50	270	<5,000	<50	<50	-	-	m
	12/28/05	-		4.28	0.00	7.11	210,000	-	-	15,000	21,000	7,300	31,000	22,000	6,300	<200	<100	410	<20,000	<100	-	-	-	-
	03/23/06	-		3.60	0.00	7.79	79,000	-	-	9,100	12,000	4,300	17,000	13,000	5,800	<200	<100	290	<20,000	<100	<100	-	-	-
	06/05/06	-		4.28	0.00	7.11	79,000	-	-	9,700	8,700	4,900	20,000	8,000	3,300	<100	<50	280	<10,000	<50	<50	-	-	SHEEN
	09/19/06	**-**		**4.61**	**0.00**	**6.78**	**68,000**	**-**	**-**	**12,000**	**9,300**	**4,100**	**14,000**	**16,000**	**4,800**	**<100**	**<50**	**370**	**<25,000**	**<50**	**<50**	**-**	**-**	**-**
MW-3	11/04/92	-	8.25	6.38	0.00	1.87	200	690	<5,000	1.6	<0.50	<0.50	1.1	-	-	-	-	-	-	-	-	ND	-	e
	10/12/93	-		5.84	0.00	2.41	270	2,100	<5,000	5.0	0.70	<0.50	2.6	96	-	-	-	-	-	-	-	ND	-	c
	10/12/93	-	-	-	0.00	-	150	-	-	5.6	0.60	<0.50	1.6	-	-	-	-	-	-	-	-	-	-	e
	02/15/94	-	8.25	6.60	0.00	1.65	140	2.3	90	5.7	<0.50	<0.50	<0.50	30	-	-	-	-	-	-	-	ND	3.9	e
	05/11/94	-		5.86	0.00	2.39	190	2,500	<5,000	2.7	1.9	<0.50	1.9	51	-	-	-	-	-	-	-	ND	9.2	e
	08/01/94	-		6.13	0.00	2.12	120	1,300	<5,000	1.3	<0.50	0.50	1.1	18	-	-	-	-	-	-	-	ND	2.9	e
	10/18/94	-		6.39	0.00	1.86	100	2,200	<5,000	2.3	<0.50	<0.50	<0.50	21	-	-	-	-	-	-	-	ND	3.6	e
	01/13/95	-		5.47	0.00	2.78	<50	970	-	0.80	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	ND	7.7	-
	04/13/95	-		5.17	0.00	3.08	530	<500	2,100	8.7	1.9	<0.50	3.9	-	-	-	-	-	-	-	-	ND	8.4	-
	07/11/95	-		5.37	0.00	2.88	78	2,100	1,900	0.57	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	ND	8.3	-
	11/02/95	-		6.29	0.00	1.96	250	2,000	1,400	0.73	<0.50	<0.50	1.8	270	-	-	-	-	-	-	-	ND	8.3	-
	02/05/96	-		5.80	0.00	2.45	<50	1,600	9,000	<0.50	<1.0	<1.0	2.7	11	-	-	-	-	-	-	-	ND	3.5	-
	04/24/96	-		5.69	0.00	2.56	<50	2,800	6,000	<5.0	<10	<10	<10	150	-	-	-	-	-	-	-	ND	8.6	-
	07/15/96	-		6.18	0.00	2.07	<250	3,700	1,000	<2.5	<5.0	<5.0	<5.0	<50	-	-	-	-	-	-	-	ND	7.7	-
	07/30/96	-		6.04	0.00	2.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/04/96	-		7.84	0.00	0.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/96	-		-	0.00	-	90	890	2,000	<0.50	<1.0	<1.0	<1.0	30	-	-	-	-	-	-	-	ND	6.8	-
	05/17/97	-		6.49	0.00	1.76	<50	2,100	700	<0.50	<1.0	<1.0	<1.0	52	-	-	-	-	-	-	-	ND	6.3	-
	08/11/97	-		6.15	0.00	2.10	490	1,900	<5,000	<2.5	<5.0	<5.0	<5.0	170	-	-	-	-	-	-	-	ND	7.4	-
	11/17/97	-		7.15	0.00	1.10	120	2,500	<5,000	<0.50	<1.0	<1.0	<1.0	46	-	-	-	-	-	-	-	ND	7.0	-

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	SPH (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-3	01/29/98	-	8.25	5.10	0.00	3.15	270	1,700	2,000	0.53	<1.0	<1.0	<1.0	330	-	-	-	-	-	-	-	ND	6.4	-
	06/22/98	-		5.50	0.00	2.75	200	2,200	<5.0	<0.50	<1.0	<1.0	<1.0	130	-	-	-	-	-	-	-	ND	5.5	-
	12/30/98	-		6.68	0.00	1.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/99	-		5.53	0.00	2.72	60	840	7,600	<1.0	<1.0	<1.0	<1.0	19	-	-	-	-	-	-	-	-	-	-
	06/23/99	-		6.60	0.00	1.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/23/99	-		6.17	0.00	2.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/99	-		6.00	0.00	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/22/00	-		4.77	0.00	3.48	690	<58	13,000	4.2	3.1	0.81	2.7	2,900	-	-	-	-	-	-	-	-	-	-
	05/26/00	-		5.28	0.00	2.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/15/00	-		5.58	0.00	2.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/11/00	-		11.74	0.00	-3.49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
	03/29/01	-		5.04	0.00	3.21	650	<50	6,500	<2.5	<2.5	<2.5	<7.5	680	-	-	-	-	-	-	-	-	-	-
	06/27/01	-		5.62	0.00	2.63	460	690	<5,000	<2.5	<2.5	<2.5	<7.5	560	-	-	-	-	-	-	-	-	-	-
	09/19/01	-		5.80	0.00	2.45	<500	520	<5,000	<5.0	<5.0	<5.0	<15	460	-	-	-	-	-	-	-	-	-	-
	12/28/01	-		4.85	0.00	3.40	180	550	<5,000	<0.50	<0.50	<0.50	<1.0	180	-	-	-	-	-	-	-	-	-	-
	03/12/02	-		4.39	0.00	3.86	410	1,300	<5,000	<2.5	<2.5	<2.5	<5.0	440	-	-	-	-	-	-	-	-	-	-
	06/13/02	-		5.38	0.00	2.87	<250	2,600	<5,000	<2.5	<2.5	<2.5	<5.0	400	-	-	-	-	-	-	-	-	-	
	09/06/02	-		5.68	0.00	2.57	<200	-	-	<2.0	<2.0	<2.0	<2.0	650	-	-	-	-	-	-	-	-	-	
	12/13/02	-		5.37	0.00	2.88	<50	980	7,000	<0.50	<0.50	<0.50	<0.50	60	-	-	-	-	-	-	-	-	-	h
	02/19/03	-		4.80	0.00	3.45	<1,000	380	6,700	<10	<10	<10	<!0	120	-	-	-	-	-	-	-	-	-	i
	06/06/03	-		5.13	0.00	3.12	<500	620	7.9	<5.0	<5.0	<5.0	<5.0	180	<200	<5.0	<5.0	16	<1,000	-	-	-	-	
	08/07/03	-		5.43	0.00	2.82	<500	820	5.4	5.7	<5.0	<5.0	<5.0	290	<200	<5.0	<5.0	20	<1,000	<5.0	<5.0	-	-	j
	11/20/03	P		4.72	0.00	3.53	<50	1,200	-	<0.50	<0.50	<0.50	<0.50	17	<20	<0.50	<0.50	1.4	<100	-	-	-	-	j
	04/28/04	P		4.87	0.00	3.38	<100	240	-	<1.0	<1.0	<1.0	<1.0	87	<40	<1.0	<1.0	3.9	<200	<1.0	<1.0	-	-	j
	08/26/04	P		5.42	0.00	2.83	56	250	-	<0.50	<0.50	<0.50	<0.50	34	260	<0.50	<0.50	2.0	<100	<0.50	<0.50	-	-	j, q
	12/01/04	P		5.69	0.00	2.56	<100	690	-	<1.0	<1.0	<1.0	<1.0	7.4	610	<1.0	<1.0	<1.0	<200	<1.0	<1.0	-	-	-
	02/02/05	P		4.72	0.00	3.53	<100	730	-	<1.0	<1.0	<1.0	<1.0	20	<40	<1.0	<1.0	1.1	<200	<1.0	<1.0	-	-	q(Ethanol)
	04/25/05	P	10.73	4.75	0.00	5.98	<250	520	-	<2.5	<2.5	<2.5	<2.5	220	160	<2.5	<2.5	10	<500	<2.5	<2.5	-	-	q(Ethanol)
	09/30/05	-		5.30	0.00	5.43	<50	300	-	<0.50	<0.50	<0.50	<1.0	8.2	270	<0.50	<0.50	0.68	<50	<0.50	<0.50	-	-	l
	12/28/05	-		4.41	0.00	6.32	<50	100	<2.0	<0.50	<0.50	<0.50	<1.0	0.66	<5.0	<1.0	<0.50	<0.50	<100	<0.50	-	-	-	-
	03/23/06	-		4.43	0.00	6.30	<50	260	<2.0	<0.50	<0.50	<0.50	<1.0	13	130	<1.0	<0.50	0.63	<100	<0.50	<0.50	-	-	-
	06/05/06	-		4.95	0.00	5.78	61	340	<2.0	0.69	1.4	0.85	3.6	29	510	<1.0	<0.50	1.6	<100	<0.50	<0.50	-	-	-
	09/19/06	**-**		**5.19**	**0.00**	**5.54**	**<50**	**330**	**<2.0**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**4.1**	**420**	**<1.0**	**<0.50**	**<0.50**	**<250**	**<0.50**	**<0.50**	**-**	**-**	**-**
MW-4	11/04/92	-	8.12	6.66	0.00	1.46	340	-	-	4.5	<0.50	4.3	<0.50	-	-	-	-	-	-	-	-	-	-	e
	10/12/93	-		6.87	0.00	1.25	160	-	-	5.8	1.4	0.80	2.7	260	-	-	-	-	-	-	-	-	-	e
	02/15/94	-		6.61	0.00	1.51	110	-	-	4.4	0.70	<0.50	2.5	120	-	-	-	-	-	-	-	-	4.3	e
	05/11/94	-		5.89	0.00	2.23	120	-	-	0.50	0.80	<0.50	<0.50	140	-	-	-	-	-	-	-	-	9.3	e
	08/01/94	-		6.87	0.00	1.25	140	-	-	0.70	2.0	5.2	15	140	-	-	-	-	-	-	-	-	3.3	e
	10/18/94	-		6.62	0.00	1.50	140	-	-	3.5	<0.50	0.50	<0.50	200	-	-	-	-	-	-	-	-	3.0	e
	01/13/95	-		7.27	0.00	0.85	<50	-	-	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	7.9	-
	04/13/95	-		6.51	0.00	1.61	73	-	-	1.2	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	9.9	-
	07/11/95	-		6.21	0.00	1.91	82	-	-	0.57	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	7.2	-
	11/02/95	-		6.78	0.00	1.34	71	-	-	1.4	0.96	0.99	2.8	140	-	-	-	-	-	-	-	-	8.6	-
	02/05/96	-		6.41	0.00	1.71	<50	-	-	<5.0	<10	<10	<10	200	-	-	-	-	-	-	-	-	4.4	-
	04/24/96	-		6.18	0.00	1.94	<250	-	-	<2.5	<5.0	<5.0	<5.0	510	-	-	-	-	-	-	-	-	8.3	-
	07/15/96	-		6.63	0.00	1.49	<50	-	-	5.7	<1.0	<1.0	<1.0	550	-	-	-	-	-	-	-	-	7.4	-
	07/30/96	-		6.34	0.00	1.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	SPH (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-4	11/04/96	-	8.12	8.27	0.00	-0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/96	-		-	0.00	-	460	-	-	<2.5	11	<5.0	<5.0	620/610	-	-	-	-	-	-	-	-	-	7.3	-
	05/17/97	-		7.00	0.00	1.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/11/97	-		6.81	0.00	1.31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/97	-		9.19	0.00	-1.07	840	-	-	<0.50	<1.0	<1.0	<1.0	880	-	-	-	-	-	-	-	-	-	7.3	-
	01/29/98	-		7.94	0.00	0.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/22/98	-		7.49	0.00	0.63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/30/98	-		8.21	0.00	-0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/99	-		7.70	0.00	0.42	1,200	-	-	<1.0	<1.0	<1.0	<1.0	2,000	-	-	-	-	-	-	-	-	-	-
	06/23/99	-		8.81	0.00	-0.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/23/99	-		8.32	0.00	-0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/99	-		8.21	0.00	-0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/22/00	-		6.74	0.00	1.38	910	-	-	<0.50	<0.50	0.54	1.7	3,800	-	-	-	-	-	-	-	-	-	-
	05/26/00	-		5.13	0.00	2.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/15/00	-		8.20	0.00	-0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/11/00	-		8.31	0.00	-0.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/29/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	06/27/01	-		7.57	0.00	0.55	2,800	-	-	19	<2.5	<2.5	<7.5	4,200	-	-	-	-	-	-	-	-	-	-
	09/19/01	-		7.87	0.00	0.25	2,500	-	-	<5.0	<5.0	<5.0	<15	3,300	-	-	-	-	-	-	-	-	-	-
	12/28/01	-		7.80	0.00	0.32	4,400	-	-	<5.0	<5.0	<5.0	<10	5,300	-	-	-	-	-	-	-	-	-	-
	03/12/02	-		4.53	0.00	3.59	6,400	-	-	72	<5.0	<5.0	<10	8,400	-	-	-	-	-	-	-	-	-	-
	06/13/02	-		6.21	0.00	1.91	1,800	-	-	7.5	<5.0	5.0	13	6,900	-	-	-	-	-	-	-	-	-	-
	09/06/02	-		7.78	0.00	0.34	<2000	-	-	<20	<20	<20	<20	9,600	-	-	-	-	-	-	-	-	-	-
	12/13/02	-		7.87	0.00	0.25	5,600	-	-	<50	<50	<50	<50	8,600	-	-	-	-	-	-	-	-	-	h
	02/19/03	-		4.84	0.00	3.28	<10,000	-	-	<100	<100	<100	<100	8,000	-	-	-	-	-	-	-	-	-	i
	06/06/03	-		7.98	0.00	0.14	13,000	-	-	<50	<50	<50	<50	6,800	2,500	<50	<50	190	<10,000	-	-	-	-	-
	08/07/03	-		7.24	0.00	0.88	6,200	-	-	<50	<50	<50	<50	6,600	2,400	<50	<50	160	<10,000	<50	<50	-	-	-
	11/20/03	P		7.02	0.00	1.10	10,000	-	-	<100	<100	<100	<100	11,000	<4,000	<100	<100	310	<20,000	-	-	-	-	-
	04/28/04	P		4.81	0.00	3.31	<25,000	-	-	<250	<250	<250	<250	3,600	15,000	<250	<250	<250	<50,000	<250	<250	-	-	-
	08/26/04	P		5.65	0.00	2.47	<2,500	-	-	<25	<25	<25	<25	1,800	16,000	<25	<25	60	-	<25	<25	-	-	k
	12/01/04	P		7.34	0.00	0.78	1,100	-	-	<10	<10	<10	<10	450	19,000	<10	<10	10	<2,000	<10	<10	-	-	-
	02/02/05	P		7.61	0.00	0.51	1,000	-	-	<5.0	<5.0	<5.0	<5.0	410	19,000	<5.0	<5.0	10	<1,000	<5.0	<5.0	-	-	q(Ethanol)
	04/25/05	P	10.58	7.25	0.00	3.33	720	-	-	8.0	5.3	<5.0	16	170	18,000	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	-	-	-
	09/30/05	-		7.72	0.00	2.86	<2,500	-	-	63	58	46	140	110	30,000	<25	<25	<25	<2,500	<25	<25	-	-	m
	12/28/05	-		7.48	0.00	3.10	<2,500	-	-	<25	<25	<25	<50	34	27,000	<50	<25	<25	<5,000	<25	-	-	-	-
	03/23/06	-		4.42	0.00	6.16	<2,500	-	-	<25	<25	<25	<50	120	34,000	<50	<25	<25	<5,000	<25	<25	-	-	-
	06/05/06	-		4.97	0.00	5.61	<5,000	-	-	<50	<50	<50	<100	<50	34,000	<100	<50	<50	<10,000	<50	<50	-	-	p
	09/19/06	**-**		**5.45**	**0.00**	**5.13**	**<5,000**	**-**	**-**	**<50**	**<50**	**<50**	**<100**	**110**	**27,000**	**<100**	**<50**	**<50**	**<25,000**	**<50**	**<50**	**-**	**-**	**p**
MW-5	10/12/93	-	7.69	6.01	0.00	1.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	e
	10/13/93	-		-	0.00	-	2,300	-	-	160	10	<0.50	26	-	-	-	-	-	-	-	-	-	-	e
	02/15/94	-		5.74	0.00	1.95	5,100	-	-	710	16	33	35	150	-	-	-	-	-	-	-	-	4.0	e
	05/11/94	-		5.28	0.00	2.41	11,000	-	-	1,100	39	110	57	160	-	-	-	-	-	-	-	-	8.0	e
	08/01/94	-		5.84	0.00	1.85	9,000	-	-	730	35	61	41	200	-	-	-	-	-	-	-	-	2.6	e
	10/18/94	-		6.01	0.00	1.68	7,800	-	-	330	30	27	27	560	-	-	-	-	-	-	-	-	5.6	e
	01/13/95	-		4.74	0.00	2.95	<500	-	-	290	6.0	<5.0	18	-	-	-	-	-	-	-	-	-	6.8	-
	04/13/95	-		5.50	0.00	2.19	9,100	-	-	400	15	52	27	-	-	-	-	-	-	-	-	-	7.4	-
	07/11/95	-		5.75	0.00	1.94	7,300	-	-	390	13	28	23	-	-	-	-	-	-	-	-	-	7.2	-

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	SPH (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-5	11/03/95	-	7.69	6.65	0.00	1.04	7,200	-	-	270	15	38	23	200	-	-	-	-	-	-	-	-	8.4	-
	02/05/96	-		4.83	0.00	2.86	4,600	-	-	370	15	53	28	<50	-	-	-	-	-	-	-	-	1.9	-
	04/24/96	-		6.09	0.00	1.60	3,000	-	-	180	<10	32	14	<100	-	-	-	-	-	-	-	-	8.1	-
	07/15/96	-		6.57	0.00	1.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/16/96	-		-	0.00	-	<50	-	-	190	<10	31	16	<100	-	-	-	-	-	-	-	-	8.3	-
	07/30/96	-		5.61	0.00	2.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/12/96	-		-	0.00	-	2,000	-	-	150	12	25	18	<50	-	-	-	-	-	-	-	-	7.6	-
	11/04/96	-		8.25	0.00	-0.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/96	-		-	0.00	-	5,200	-	-	42	5.5	13	<5.0	1,700	-	-	-	-	-	-	-	-	7.4	-
	05/17/97	-		6.95	0.00	0.74	80	-	-	0.56	<1.0	<1.0	<1.0	46	-	-	-	-	-	-	-	-	6.7	-
	08/11/97	-		6.72	0.00	0.97	2,700	-	-	20	12	6.7	9.7	1,900	-	-	-	-	-	-	-	-	8.5	-
	11/17/97	-		9.49	0.00	-1.80	8,400	-	-	25	12	8.7	5.4	13,000	-	-	-	-	-	-	-	-	7.9	-
	01/29/98	-		7.88	0.00	-0.19	110,000	-	-	2,500	110	180	590	180,000	-	-	-	-	-	-	-	-	6.8	-
	06/22/98	-		7.40	0.00	0.29	4,400	-	-	47	10	29	20	47	-	-	-	-	-	-	-	-	6.6	-
	12/30/98	-		6.13	0.00	1.56	6,000	-	-	18	9.1	22	16	63/44	-	-	-	-	-	-	-	-	-	-
	03/09/99	-		4.79	0.00	2.90	4,600	-	-	8.8	5.5	12	11	24	-	-	-	-	-	-	-	-	-	-
	06/23/99	-		5.95	0.00	1.74	3,400	-	-	1,500	8.9	54	87	7,500	-	-	-	-	-	-	-	-	-	-
	09/23/99	-		5.43	0.00	2.26	2,600	-	-	510	14	140	650	580	-	-	-	-	-	-	-	-	-	-
	12/28/99	-		5.30	0.00	2.39	3,500	-	-	900	18	57	140	4,800	-	-	-	-	-	-	-	-	-	-
	03/22/00	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	05/26/00	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	09/06/00	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	09/15/00	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	12/11/00	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	03/29/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	06/27/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	09/19/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	12/28/01	-		4.65	0.00	3.04	4,600	-	-	20	25	16	57	72	-	-	-	-	-	-	-	-	-	-
	03/12/02	-		5.35	0.00	2.34	5,100	-	-	45	14	22	39	32	-	-	-	-	-	-	-	-	-	-
	06/13/02	-		5.34	0.00	2.35	2,900	-	-	32	<12.5	<12.5	<25	620	-	-	-	-	-	-	-	-	-	-
	09/06/02	-		5.46	0.00	2.23	3,400	-	-	23	5.5	<5.0	11	230	-	-	-	-	-	-	-	-	-	-
	12/13/02	-		5.47	0.00	2.22	2,500	-	-	12	9.3	4.6	8.8	110	-	-	-	-	-	-	-	-	-	h
	02/19/03	-		5.29	0.00	2.40	2,800	-	-	11	5.4	9.7	12	6.4	-	-	-	-	-	-	-	-	-	i
	06/06/03	-		5.30	0.00	2.39	3,200	-	-	9.1	<5.0	7.6	9.3	<5.0	<200	<5.0	<5.0	<5.0	<1,000	-	-	-	-	-
	08/07/03	-		5.33	0.00	2.36	2,200	-	-	7.3	<5.0	<5.0	9.1	18	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	-	-	-
	11/20/03	P		5.39	0.00	2.30	3,500	-	-	12	5.4	6.4	12	12	<100	<2.5	<2.5	<2.5	<500	-	-	-	-	-
	04/28/04	P		5.53	0.00	2.16	5,700	-	-	7.8	4.2	5.2	11	11	<100	<2.5	<2.5	<2.5	<500	<2.5	<2.5	-	-	-
	08/26/04	P		5.42	0.00	2.27	2,400	-	-	23	4.0	3.6	11	74	<100	<2.5	<2.5	<2.5	-	<2.5	<2.5	-	-	-
	12/01/04	P		5.38	0.00	2.31	4,300	-	-	11	<5.0	5.5	15	<5.0	<200	<5.0	<5.0	<5.0	<1,000	<5.0	<5.0	-	-	-
	02/02/05	P		5.48	0.00	2.21	4,000	-	-	8.4	4.8	4.0	10	11	<100	<2.5	<2.5	<2.5	<500	<2.5	<2.5	-	-	q(Ethanol)
	04/25/05	P	10.18	5.52	0.00	4.66	5,200	-	-	7.6	4.0	4.3	9.9	12	<100	<2.5	<2.5	<2.5	<500	<2.5	<2.5	-	-	-
	09/30/05	-		5.04	0.00	5.14	4,100	-	-	5.3	2.7	2.1	8.0	16	27	<1.0	<1.0	<1.0	<100	<1.0	<1.0	-	-	m
	12/28/05	-		4.85	0.00	5.33	7,700	-	-	7.7	3.3	2.9	7.1	3.8	<20	14	<2.0	<2.0	<400	<2.0	-	-	-	-
	03/23/06	-		5.07	0.00	5.11	5,700	-	-	11	3.3	2.4	8.1	8.6	37	<4.0	<2.0	<2.0	<400	<2.0	<2.0	-	-	-
	06/05/06	-		5.39	0.00	4.79	5,900	-	-	36	5.0	3.7	15	11	90	<5.0	<2.5	<2.5	<500	<2.5	<2.5	-	-	SHEEN
	09/19/06	**-**		**4.75**	**0.00**	**5.43**	**4,600**	**-**	**-**	**6.7**	**<2.5**	**<2.5**	**<5.0**	**12**	**53**	**<5.0**	**<2.5**	**<2.5**	**<1300**	**<2.5**	**<2.5**	**-**	**-**	**-**

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	SPH (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-6	10/12/93	-	8.52	6.59	0.00	1.93	63	-	-	<0.50	<0.50	<0.50	<0.50	44	-	-	-	-	-	-	-	-	-	e
	02/15/94	-		6.31	0.00	2.21	68	-	-	<0.50	<0.50	<0.50	<0.50	38	-	-	-	-	-	-	-	-	3.1	e
	05/11/94	-		6.15	0.00	2.37	68	-	-	<0.50	<0.50	<0.50	<0.50	48	-	-	-	-	-	-	-	-	8.7	e
	08/01/94	-		6.46	0.00	2.06	91	-	-	<0.50	<0.50	<0.50	0.60	60	-	-	-	-	-	-	-	-	2.4	e
	10/18/94	-		6.72	0.00	1.80	<50	-	-	<0.50	<0.50	<0.50	<0.50	85	-	-	-	-	-	-	-	-	6.0	e
	01/13/95	-		5.95	0.00	2.57	<50	-	-	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	7.0	-
	04/13/95	-		5.44	0.00	3.08	<50	-	-	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	8.5	-
	07/11/95	-		5.68	0.00	2.84	<50	-	-	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	8.4	-
	11/02/95	-		6.57	0.00	1.95	<50	-	-	<0.50	<0.50	<0.50	<1.0	35	-	-	-	-	-	-	-	-	8.3	-
	02/05/96	-		6.27	0.00	2.25	<50	-	-	<5.0	<10	<10	<10	<100	-	-	-	-	-	-	-	-	2.2	-
	04/24/96	-		5.95	0.00	2.57	<250	-	-	<2.5	<5.0	<5.0	<5.0	62	-	-	-	-	-	-	-	-	8.0	-
	07/15/96	-		6.39	0.00	2.13	<250	-	-	<2.5	<5.0	<5.0	<5.0	<50	-	-	-	-	-	-	-	-	8.0	-
	07/30/96	-		6.44	0.00	2.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/04/96	-		8.05	0.00	0.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/96	-		-	0.00	-	<50	-	-	<0.50	<1.0	<1.0	<1.0	<10	-	-	-	-	-	-	-	-	7.3	-
	05/17/97	-		6.75	0.00	1.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/11/97	-		6.48	0.00	2.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/97	-		9.27	0.00	-0.75	<50	-	-	<0.50	<1.0	<1.0	<1.0	<10	-	-	-	-	-	-	-	-	7.7	-
	01/29/98	-		7.98	0.00	0.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/22/98	-		7.68	0.00	0.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/30/98	-		6.98	0.00	1.54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/99	-		5.90	0.00	2.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/23/99	-		6.93	0.00	1.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/23/99	-		6.45	0.00	2.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/99	-		6.33	0.00	2.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/22/00	-		5.15	0.00	3.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/26/00	-		5.72	0.00	2.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/15/00	-		6.02	0.00	2.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/11/00	-		6.20	0.00	2.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/29/01	-		5.34	0.00	3.18	750	-	-	<2.5	2.9	<2.5	12	820	-	-	-	-	-	-	-	-	-	-
	06/27/01	-		6.00	0.00	2.52	760	-	-	33	<2.5	<2.5	<7.5	970	-	-	-	-	-	-	-	-	-	-
	09/19/01	-		6.22	0.00	2.30	<500	-	-	<5.0	<5.0	<5.0	<15	880	-	-	-	-	-	-	-	-	-	-
	12/28/01	-		4.71	0.00	3.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	g
	03/12/02	-		4.96	0.00	3.56	<500	-	-	<5.0	<5.0	<5.0	<10	240	-	-	-	-	-	-	-	-	-	-
	06/13/02	-		5.78	0.00	2.74	<250	-	-	<2.5	<2.5	<2.5	<5.0	410	-	-	-	-	-	-	-	-	-	-
	09/06/02	-		6.14	0.00	2.38	130	-	-	<0.50	<0.50	<0.50	<0.50	240	-	-	-	-	-	-	-	-	-	-
	12/13/02	-		6.05	0.00	2.47	140	-	-	<1.0	<1.0	<1.0	<1.0	200	-	-	-	-	-	-	-	-	-	h
	02/19/03	-		5.40	0.00	3.12	<500	-	-	<5.0	<5.0	<5.0	<5.0	150	-	-	-	-	-	-	-	-	-	i
	06/06/03	-		5.54	0.00	2.98	1,100	-	-	<5.0	<5.0	<5.0	<5.0	140	<200	<5.0	<5.0	21	<1,000	-	-	-	-	-
	08/07/03	-		5.94	0.00	2.58	<500	-	-	<5.0	<5.0	<5.0	<5.0	160	<200	<5.0	<5.0	20	<1,000	<5.0	<5.0	-	-	-
	11/20/03	P		5.85	0.00	2.67	95	-	-	<0.50	<0.50	<0.50	<0.50	74	<20	<0.50	<0.50	12	<100	-	-	-	-	-
	04/28/04	P		5.45	0.00	3.07	<250	-	-	<2.5	<2.5	<2.5	<2.5	120	<100	<2.5	<2.5	12	<500	<2.5	<2.5	-	-	-
	08/26/04	P		6.06	0.00	2.46	<250	-	-	<2.5	<2.5	<2.5	<2.5	110	<100	<2.5	<2.5	12	<500	<2.5	<2.5	-	-	q
	12/01/04	P		6.19	0.00	2.33	<250	-	-	<2.5	<2.5	<2.5	<2.5	86	<100	<2.5	<2.5	11	<500	<2.5	<2.5	-	-	-
	02/02/05	P		5.20	0.00	3.32	55	-	-	<0.50	<0.50	<0.50	<0.50	41	32	<0.50	<0.50	6.2	<100	<0.50	<0.50	-	-	q(Ethanol)
	04/25/05	P	11.01	5.22	0.00	5.79	64	-	-	<0.50	<0.50	<0.50	<0.50	50	45	<0.50	<0.50	6.0	<100	<0.50	<0.50	-	-	q(Ethanol)
	09/30/05	-		5.93	0.00	5.08	200	-	-	<2.0	<2.0	<2.0	<4	51	280	<2.0	<2.0	4.4	<200	<2.0	<2.0	-	-	m,n

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	SPH (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-6	12/28/05	-	11.01	5.49	0.00	5.52	<50	-	-	<0.50	<0.50	<0.50	<1.0	16	160	<1.0	<0.50	2.0	<100	<0.50	-	-	-	-
	03/23/06	-		4.59	0.00	6.42	<50	-	-	<0.50	<0.50	<0.50	<1.0	5.6	35	<1.0	<0.50	0.91	<100	<0.50	<0.50	-	-	-
	06/05/06	-		5.38	0.00	5.63	<50	-	-	<0.50	0.54	<0.50	<1.0	14	110	<1.0	<0.50	1.5	<100	<0.50	<0.50	-	-	-
	09/19/06	**-**		**5.93**	**0.00**	**5.08**	**<50**	**-**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**8.8**	**190**	**<1.0**	**<0.50**	**1.4**	**<250**	**<0.50**	**<0.50**	**-**	**-**	**-**
MW-7	10/12/93	-	7.61	6.14	0.00	1.47	<50	-	-	<0.50	<0.50	<0.50	0.70	<5.0	-	-	-	-	-	-	-	-	-	e
	02/15/94	-		5.88	0.00	1.73	78	-	-	<0.50	<0.50	<0.50	0.60	<5.0	-	-	-	-	-	-	-	-	4.0	e
	05/11/94	-		5.76	0.00	1.85	70	-	-	<0.50	<0.50	<0.50	0.90	12	-	-	-	-	-	-	-	-	9.1	e
	08/01/94	-		5.97	0.00	1.64	77	-	-	<0.50	<0.50	<0.50	0.50	180	-	-	-	-	-	-	-	-	2.5	e
	10/18/94	-		6.24	0.00	1.37	<50	-	-	<0.50	<0.50	<0.50	<0.50	52	-	-	-	-	-	-	-	-	6.3	e
	01/13/95	-		5.39	0.00	2.22	<50	-	-	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	8.2	-
	04/13/95	-		5.17	0.00	2.44	63	-	-	<0.50	<0.50	<0.50	1.4	-	-	-	-	-	-	-	-	-	8.4	-
	07/11/95	-		5.25	0.00	2.36	<50	-	-	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	7.9	-
	11/02/95	-		6.19	0.00	1.42	<50	-	-	<0.50	<0.50	<0.50	<1.0	55	-	-	-	-	-	-	-	-	8.0	-
	02/05/96	-		5.69	0.00	1.92	<50	-	-	<0.50	<1.0	<1.0	<1.0	40	-	-	-	-	-	-	-	-	1.9	-
	04/24/96	-		5.59	0.00	2.02	<250	-	-	<2.5	<5.0	<5.0	<5.0	53	-	-	-	-	-	-	-	-	8.2	-
	07/15/96	-		6.07	0.00	1.54	<250	-	-	<2.5	<5.0	<5.0	<5.0	<50	-	-	-	-	-	-	-	-	7.8	-
	07/30/96	-		6.04	0.00	1.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/04/96	-		7.76	0.00	-0.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/96	-		-	0.00	-	<50	-	-	<0.50	<1.0	<1.0	<1.0	<10	-	-	-	-	-	-	-	-	7.8	-
	05/17/97	-		6.42	0.00	1.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/11/97	-		6.06	0.00	1.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/97	-		9.07	0.00	-1.46	<50	-	-	<0.50	<1.0	<1.0	<1.0	<10	-	-	-	-	-	-	-	-	7.1	-
	01/29/98	-		7.44	0.00	0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/22/98	-		7.39	0.00	0.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/30/98	-		5.51	0.00	2.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/09/99	-		5.57	0.00	2.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/23/99	-		6.69	0.00	0.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/23/99	-		6.23	0.00	1.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/99	-		6.08	0.00	1.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/22/00	-		4.88	0.00	2.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/26/00	-		5.42	0.00	2.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/15/00	-		5.79	0.00	1.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/11/00	-		5.93	0.00	1.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/29/01	-		5.24	0.00	2.37	600	-	-	<2.5	<2.5	<2.5	<7.5	640	-	-	-	-	-	-	-	-	-	-
	06/27/01	-		5.69	0.00	1.92	590	-	-	<2.5	<2.5	<2.5	<7.5	740	-	-	-	-	-	-	-	-	-	-
	09/19/01	-		5.89	0.00	1.72	560	-	-	<5.0	<5.0	<5.0	<15	1,200	-	-	-	-	-	-	-	-	-	-
	12/28/01	-		4.53	0.00	3.08	910	-	-	23	<2.5	<2.5	<5.0	860	-	-	-	-	-	-	-	-	-	-
	03/12/02	-		4.71	0.00	2.90	620	-	-	<2.5	<2.5	<2.5	<5.0	680	-	-	-	-	-	-	-	-	-	-
	06/13/02	-		5.21	0.00	2.40	860	-	-	<2.5	<2.5	<2.5	<5.0	1,500	-	-	-	-	-	-	-	-	-	-
	09/06/02	-		5.77	0.00	1.84	350	-	-	<2.5	<2.5	<2.5	<2.5	690	-	-	-	-	-	-	-	-	-	-
	12/13/02	-		5.65	0.00	1.96	1,300	-	-	<10	<10	<10	<10	1,800	-	-	-	-	-	-	-	-	-	h
	02/19/03	-		5.07	0.00	2.54	1,700	-	-	<10	<10	<10	<10	1,600	-	-	-	-	-	-	-	-	-	i
	06/06/03	-		5.27	0.00	2.34	1,000	-	-	<5.0	<5.0	<5.0	<5.0	510	<200	<5.0	<5.0	41	<1,000	-	-	-	-	-
	08/07/03	-		5.52	0.00	2.09	510	-	-	<5.0	<5.0	<5.0	<5.0	520	<200	<5.0	<5.0	43	<1,000	<5.0	<5.0	-	-	-
	11/20/03	P		5.79	0.00	1.82	330	-	-	<2.5	<2.5	<2.5	<2.5	270	1,300	<2.5	<2.5	8.9	<500	-	-	-	-	-
	04/28/04	P		5.20	0.00	2.41	<250	-	-	<2.5	<2.5	<2.5	<2.5	71	880	<2.5	<2.5	3.5	<500	<2.5	<2.5	-	-	-
	08/26/04	P		5.65	0.00	1.96	450	-	-	<2.5	<2.5	<2.5	2.8	150	4,800	<2.5	<2.5	7.8	<500	<0.50	<0.50	-	-	-

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	SPH (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-7	12/01/04	P	7.61	5.79	0.00	1.82	100	-	-	<1.0	<1.0	<1.0	<1.0	25	1,400	<1.0	<1.0	1.1	<200	<1.0	<1.0	-	-	-
	02/02/05	P		4.92	0.00	2.69	81	-	-	<0.50	<0.50	<0.50	<0.50	31	830	<0.50	<0.50	1.8	<100	<0.50	<0.50	-	-	q(Ethanol)
	04/25/05	P	10.11	4.88	0.00	5.23	67	-	-	<0.50	<0.50	<0.50	0.64	41	520	<0.50	<0.50	2.1	<100	<0.50	<0.50	-	-	q(Ethanol)
	09/30/05	-		5.62	0.00	4.49	58	-	-	<0.50	<0.50	<0.50	<1.0	18	450	<0.50	<0.50	1.5	<50	<0.50	<0.50	-	-	n
	12/28/05	-		4.93	0.00	5.18	<500	-	-	<5.0	<5.0	<5.0	<10	7.4	1,600	<10	<5.0	<5.0	<1,000	<5.0	-	-	-	-
	03/23/06	-		4.63	0.00	5.48	71	-	-	<0.50	<0.50	<0.50	<1.0	25	340	<1.0	<0.50	1.7	<100	<0.50	<0.50	-	-	-
	06/05/06	-		5.08	0.00	5.03	57	-	-	<0.50	<0.50	<0.50	<1.0	14	200	<1.0	<0.50	1.2	<100	<0.50	<0.50	-	-	-
	09/19/06	**-**		**5.60**	**0.00**	**4.51**	**<50**	**-**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**14**	**280**	**<1.0**	**<0.50**	**1.6**	**<250**	**<0.50**	**<0.50**	**-**	**-**	**-**
MW-8	10/12/93	-	8.60	5.86	0.00	2.74	<50	-	-	<0.50	<0.50	<0.50	<0.50	11	-	-	-	-	-	-	-	-	-	e
	02/15/94	-		5.50	0.00	3.10	380	-	-	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	-	-	-	-	-	-	3.3	e
	05/11/94	-		5.09	0.00	3.51	330	-	-	<0.50	1.2	<0.50	1.9	<5.0	-	-	-	-	-	-	-	-	8.5	e
	08/01/94	-		5.20	0.00	3.40	260	-	-	<0.50	1.2	2.9	5.8	<5.0	-	-	-	-	-	-	-	-	2.3	e
	10/18/94	-		5.70	0.00	2.90	82	-	-	<0.50	<0.50	<0.50	<0.50	<5.0	-	-	-	-	-	-	-	-	6.4	e
	01/13/95	-		4.96	0.00	3.64	<50	-	-	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	6.9	-
	04/13/95	-		5.40	0.00	3.20	270	-	-	<0.50	<0.50	<0.50	4.4	-	-	-	-	-	-	-	-	-	8.4	-
	07/11/95	-		6.01	0.00	2.59	320	-	-	<0.50	<0.50	<0.50	3.5	-	-	-	-	-	-	-	-	-	8.0	-
	11/02/95	-		6.81	0.00	1.79	100	-	-	<0.50	<0.50	<0.50	<1.0	<5.0	-	-	-	-	-	-	-	-	8.7	-
	02/05/96	-		6.12	0.00	2.48	<50	-	-	<5.0	<10	<10	<10	<100	-	-	-	-	-	-	-	-	1.5	-
	04/24/96	-		6.23	0.00	2.37	<50	-	-	<5.0	<10	<10	<10	<100	-	-	-	-	-	-	-	-	8.7	-
	07/15/96	-		6.70	0.00	1.90	<250	-	-	<2.5	<5.0	<5.0	<5.0	<50	-	-	-	-	-	-	-	-	8.4	-
	07/30/96	-		6.64	0.00	1.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/04/96	-		8.36	0.00	0.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/05/96	-		-	0.00	-	<50	-	-	<0.50	<1.0	<1.0	<1.0	<10	-	-	-	-	-	-	-	-	7.2	-
	05/17/97	-		7.03	0.00	1.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/11/97	-		6.05	0.00	2.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/97	-		9.14	0.00	-0.54	<50	-	-	<0.50	<1.0	<1.0	<1.0	<10	-	-	-	-	-	-	-	-	7.7	-
	01/29/98	-		7.90	0.00	0.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	06/22/98	-		7.72	0.00	0.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/30/98	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	03/09/99	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	06/23/99	-		4.70	0.00	3.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/23/99	-		4.22	0.00	4.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/99	-		4.12	0.00	4.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/22/00	-		4.71	0.00	3.89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/26/00	-		4.98	0.00	3.62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/15/00	-		4.62	0.00	3.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/11/00	-		4.77	0.00	3.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/29/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA
	06/27/01	-		5.11	0.00	3.49	570	-	-	<2.5	<2.5	2.6	<7.5	3.4	-	-	-	-	-	-	-	-	-	-
	09/19/01	-		5.00	0.00	3.60	<500	-	-	<5.0	<5.0	<5.0	<15	<5.0	-	-	-	-	-	-	-	-	-	-
	12/28/01	-		4.15	0.00	4.45	440	-	-	<0.50	<0.50	0.98	<1.0	6.3	-	-	-	-	-	-	-	-	-	-
	03/12/02	-		4.35	0.00	4.25	330	-	-	<2.5	<2.5	<2.5	<5.0	8.7	-	-	-	-	-	-	-	-	-	-
	06/13/02	-		5.09	0.00	3.51	<500	-	-	<5.0	<5.0	<5.0	<10	16	-	-	-	-	-	-	-	-	-	-
	09/06/02	-		5.18	0.00	3.42	98	-	-	<0.50	<0.50	<0.50	<0.50	76	-	-	-	-	-	-	-	-	-	-
	12/13/02	-		4.84	0.00	3.76	120	-	-	<0.50	<0.50	0.94	0.52	140	-	-	-	-	-	-	-	-	-	h
	02/19/03	-		4.45	0.00	4.15	<2,500	-	-	<25	<25	<25	<25	800	-	-	-	-	-	-	-	-	-	i
	06/06/03	-		5.00	0.00	3.60	<50,000	-	-	<500	<500	<500	<500	17,000	<20,000	<500	<500	<500	<100,000	-	-	-	-	-

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	SPH (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-8	08/07/03	-	8.60	4.84	0.00	3.76	<2,500	-	-	<25	<25	<25	<25	2,400	<1,000	<25	<25	44	<5,000	<25	<25	-	-	-
	11/20/03	P		4.48	0.00	4.12	<2,500	-	-	<25	<25	<25	<25	1,400	4,100	<25	<25	<25	<5,000	-	-	-	-	-
	04/28/04	P		9.66	0.00	-1.06	730	-	-	<2.5	<2.5	<2.5	<2.5	170	42,000	<2.5	<2.5	<2.5	<500	<2.5	<2.5	-	-	r
	08/26/04	P		4.73	0.00	3.87	<2,500	-	-	<25	<25	<25	<25	170	47,000	<25	<25	<25	-	<25	<25	-	-	-
	12/01/04	P		4.80	0.00	3.80	<250	-	-	<2.5	<2.5	<2.5	<2.5	36	9,700	<2.5	<2.5	<2.5	<500	<2.5	<2.5	-	-	-
	02/02/05	P		4.50	0.00	4.10	810	-	-	<0.50	<0.50	<0.50	<0.50	41	<20	<0.50	0.72	0.64	<100	<0.50	<0.50	-	-	q(Ethanol)
	04/25/05	P	11.08	4.99	0.00	6.09	1,400	-	-	<12	<12	<12	<12	32	45,000	<12	<12	<12	<2,500	<12	<12	-	-	-
	09/30/05	-		4.89	0.00	6.19	840	-	-	<5.0	<5.0	<5.0	<10	17	8,500	<5.0	<5.0	<5.0	<500	<5.0	<5.0	-	-	m
	12/28/05	-		4.81	0.00	6.27	<250	-	-	<2.5	<2.5	<2.5	<5.0	17	7,400	<5.0	<2.5	<2.5	<500	<2.5	-	-	-	-
	03/23/06	-		4.22	0.00	6.86	660	-	-	<2.5	<2.5	<2.5	<5.0	21	11,000	<5.0	<2.5	<2.5	<500	<2.5	<2.5	-	-	-
	06/05/06	-		4.63	0.00	6.45	<2,500	-	-	<25	<25	<25	<50	30	34,000	<50	<25	<25	<5,000	<25	<25	-	-	-
	09/19/06	**-**		**4.82**	**0.00**	**6.26**	**<500**	**-**	**-**	**<5.0**	**<5.0**	**<5.0**	**<10**	**17**	**7,500**	**<10**	**<5.0**	**<5.0**	**<2,500**	**<5.0**	**<5.0**	**-**	**-**	**p**
MW-9	10/12/93	-	8.08	5.66	0.08	2.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/15/94	-		5.32	0.05	2.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/11/94	-		5.57	0.00	2.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/01/94	-		6.25	0.00	1.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/18/94	-		5.59	0.13	2.59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	01/13/95	-		4.42	0.14	3.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/13/95	-		4.06	0.11	4.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/11/95	-		4.21	0.08	3.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/02/95	-		5.22	0.05	2.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/05/96	-		4.76	0.01	3.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	04/24/96	-		4.62	0.09	3.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/15/96	-		5.11	0.04	3.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	07/30/96	-		5.15	0.00	2.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/04/96	-		6.75	0.01	1.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/17/97	-	-	-	0.00	-	97,000	-	-	16,000	8,200	2,300	17,000	39,000	-	-	-	-	-	-	-	-	-	c
	05/17/97	-	8.08	5.42	0.00	2.66	97,000	-	-	16,000	7,700	2,300	18,000	40,000	-	-	-	-	-	-	-	-	7.0	
	08/11/97	-	-	-	0.00	-	100,000	-	-	14,000	360	3,200	5,800	27,000	-	-	-	-	-	-	-	-	-	c
	08/11/97	-	8.08	5.37	0.00	2.71	71,000	-	-	12,000	340	2,100	4,300	26,000	-	-	-	-	-	-	-	-	9.1	
	11/17/97	-	-	-	0.00	-	100,000	-	-	24,000	5,300	3,500	19,000	35,000	-	-	-	-	-	-	-	-	-	c
	11/17/97	-	8.08	5.62	0.00	2.46	100,000	-	-	22,000	4,800	3,100	18,000	32,000	-	-	-	-	-	-	-	-	8.3	SHEEN
	01/29/98	-		4.07	0.00	4.01	250,000	-	-	20,000	21,000	3,100	18,000	110,000	-	-	-	-	-	-	-	-	6.6	SHEEN
	01/29/98	-	-	-	0.00	-	250,000	-	-	20,000	20,000	3,100	18,000	110,000	-	-	-	-	-	-	-	-	-	c
	06/22/98	-	8.08	4.28	0.00	3.80	280,000	-	-	21,000	18,000	3,800	21,000	110,000	-	-	-	-	-	-	-	-	5.8	-
	06/22/98	-	-	-	0.00	-	290,000	-	-	20,000	17,000	3,800	21,000	110,000	-	-	-	-	-	-	-	-	-	c
	12/30/98	-	8.08	4.95	0.00	3.13	150,000	-	-	10,000	3,800	2,000	9,600	86,000/89,000	-	-	-	-	-	-	-	-	-	-
	03/09/99	-		3.95	0.00	4.13	82,000	-	-	6,800	570	1,400	4,700	100,000	-	-	-	-	-	-	-	-	-	-
	06/23/99	-		5.12	0.00	2.96	41,000	-	-	11,000	820	2,300	5,200	92,000	-	-	-	-	-	-	-	-	-	-
	09/23/99	-		4.74	0.00	3.34	57,000	-	-	12,000	5,400	1,900	9,500	89,000	-	-	-	-	-	-	-	-	-	-
	12/28/99	-		4.58	0.00	3.50	46,000	-	-	15,000	490	2,500	3,500	100,000	-	-	-	-	-	-	-	-	-	-
	03/22/00	-		3.90	0.00	4.18	86,000	-	-	18,000	1,800	2,300	6,800	120,000	-	-	-	-	-	-	-	-	-	-
	05/26/00	-		4.15	0.00	3.93	82,000	-	-	17,000	680	1,800	3,800	100,000	-	-	-	-	-	-	-	-	-	-
	09/06/00	-		4.47	0.00	3.61	100,000	-	-	19,000	280	2,400	6,400	84,000	-	-	-	-	-	-	-	-	-	-
	09/15/00	-		4.34	0.00	3.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/11/00	-		4.41	0.00	3.67	110,000	-	-	14,000	770	2,600	6,700	120,000	-	-	-	-	-	-	-	-	-	-
	03/29/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	INA

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Well No.	Date	P/NP	TOC (ft-MSL)	DTW (feet)	SPH (feet)	GWE (ft-MSL)	GRO (µg/L)	DRO (µg/L)	TOG (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Ethanol (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	HVOC (µg/L)	D.O.	Comments
MW-9	06/26/01	-	8.08	5.03	0.13	3.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	f
	09/19/01	-		-	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/28/01	-		3.73	0.00	4.35	110,000	-	-	15,000	1,500	2,300	5,500	61,000	-	-	-	-	-	-	-	-	-	-
	03/12/02	-		4.93	0.00	3.15	88,000	-	-	12,000	2,600	2,800	9,000	44,000	-	-	-	-	-	-	-	-	-	-
	06/13/02	-		4.13	0.00	3.95	59,000	-	-	9,900	160	2,600	5,600	36,000	-	-	-	-	-	-	-	-	-	-
	09/06/02	-		4.39	0.00	3.69	47,000	-	-	10,000	<100	2,100	4,600	31,000	-	-	-	-	-	-	-	-	-	-
	12/13/02	-		3.97	0.00	4.11	57,000	-	-	11,000	1,000	2,300	5,800	28,000	-	-	-	-	-	-	-	-	-	h
	02/19/03	-		3.25	0.00	4.83	76,000	-	-	10,000	2,100	3,000	8,900	11,000	-	-	-	-	-	-	-	-	-	i
	06/06/03	-		3.94	0.00	4.14	66,000	-	-	9,000	<500	2,500	4,400	17,000	<20,000	<500	<500	<500	<100,000	-	-	-	-	-
	08/07/03	-		3.92	0.00	4.16	53,000	-	-	7,600	<250	2,600	4,700	17,000	<10,000	<250	<250	350	<50,000	<250	<250	-	-	SHEEN
	11/20/03	P		4.89	0.00	3.19	40,000	-	-	6,800	<250	860	1,100	16,000	12,000	<250	<250	<250	<50,000	-	-	-	-	-
	04/28/04	P		3.19	0.00	4.89	47,000	-	-	5,600	690	2,300	6,800	8,500	<5,000	<120	<120	170	<25,000	<120	<120	-	-	SHEEN
	08/26/04	P		3.61	0.00	4.47	35,000	-	-	3,700	500	1,300	5,300	6,500	2,600	<50	<50	140	-	<50	<50	-	-	s(TBA)
	12/01/04	P		3.99	0.00	4.09	36,000	-	-	3,500	<250	1,200	4,300	8,300	<10,000	<250	<250	<250	<50,000	<250	<250	-	-	-
	02/02/05	P		3.71	0.00	4.37	21,000	-	-	1,800	130	670	2,000	3,600	5,600	<50	<50	88	<10,000	<50	<50	-	-	SHEEN, q(Ethanol)
	04/25/05	P	10.55	3.31	0.00	7.24	5,900	-	-	190	<5.0	120	77	540	1,400	<5.0	<5.0	14	<1,000	<5.0	<5.0	-	-	SHEEN, q(Ethanol)
	09/30/05	-		4.02	0.00	6.53	26,000	-	-	2,400	360	1,600	4,200	2,400	520	<20	<20	61	<2,000	<20	<20	-	-	m
	12/28/05	-		2.99	0.00	7.56	14,000	-	-	1,400	22	350	450	2,200	1,800	<20	<10	49	<2,000	<10	-	-	-	-
	03/23/06	-		2.50	0.00	8.05	4,100	-	-	250	<10	130	110	330	2,400	<20	<10	<10	<2,000	<10	<10	-	-	-
	06/05/06	-		3.34	0.00	7.21	8,200	-	-	2,200	79	500	1,200	1,800	1,100	<25	<13	75	<2,500	<13	<13	-	-	p
	09/19/06	**-**		**4.06**	**0.00**	**6.49**	**9,000**	**-**	**-**	**2,600**	**15**	**440**	**370**	**3,100**	**3,900**	**<25**	**<13**	**100**	**<6,300**	**<13**	**<13**	**-**	**-**	**p**
MW-10	04/25/05	P	12.53	8.37	0.00	4.16	<50	-	-	<0.50	<0.50	<0.50	<0.50	1.5	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	-	-	q(Ethanol)
	09/30/05	-		8.41	0.00	4.12	<50	-	-	<0.50	<0.50	<0.50	<1.0	1.5	<5.0	<0.50	<0.50	<0.50	<50	<0.50	<0.50	-	-	-
	12/28/05	-		7.78	0.00	4.75	<50	-	-	<0.50	<0.50	<0.50	<1.0	0.78	<5.0	<1.0	<0.50	<0.50	<100	<0.50	-	-	-	-
	03/23/06	-		7.77	0.00	4.76	<50	-	-	<0.50	<0.50	<0.50	<1.0	0.67	<5.0	<1.0	<0.50	<0.50	<100	<0.50	<0.50	-	-	-
	06/05/06	-		8.38	0.00	4.15	<50	-	-	<0.50	<0.50	<0.50	<1.0	1.8	<5.0	<1.0	<0.50	<0.50	<100	<0.50	<0.50	-	-	-
	09/19/06	**-**		**7.99**	**0.00**	**4.54**	**<50**	**-**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**0.59**	**<5.0**	**<1.0**	**<0.50**	**<0.50**	**<250**	**<0.50**	**<0.50**	**-**	**-**	**-**
MW-11	04/25/05	P	14.55	9.29	0.00	5.26	<50	-	-	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	<0.50	<0.50	<100	<0.50	<0.50	-	-	-
	09/30/05	-		10.23	0.00	4.32	<50	-	-	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<0.50	<0.50	<0.50	<50	<0.50	<0.50	-	-	o
	12/28/05	-		9.09	0.00	5.46	<50	-	-	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<1.0	<0.50	<0.50	<100	<0.50	-	-	-	-
	03/23/06	-		8.75	0.00	5.80	<50	-	-	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<1.0	<0.50	<0.50	<100	<0.50	<0.50	-	-	-
	06/05/06	-		9.47	0.00	5.08	<50	-	-	<0.50	<0.50	<0.50	<1.0	<0.50	<5.0	<1.0	<0.50	<0.50	<100	<0.50	<0.50	-	-	-
	09/19/06	**-**		**10.16**	**0.00**	**4.39**	**<50**	**-**	**-**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<5.0**	**<1.0**	**<0.50**	**<0.50**	**<250**	**<0.50**	**<0.50**	**-**	**-**	**-**
QC-2	11/05/92	-	-	-	0.00	-	<50	-	-	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	-	-	-	-
	10/12/93	-		-	0.00	-	<50	-	-	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	-	-	-	-
	02/15/94	-		-	0.00	-	<50	-	-	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	-	-	-	-
	05/11/94	-		-	0.00	-	<50	-	-	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	-	-	-	-
	08/01/94	-		-	0.00	-	<50	-	-	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	-	-	-	-
	10/18/94	-		-	0.00	-	<50	-	-	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-	-	-	-	-	-
	01/13/95	-		-	0.00	-	<50	-	-	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	-	-
	04/13/95	-		-	0.00	-	<50	-	-	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	-	-
	07/11/95	-		-	0.00	-	<50	-	-	<0.50	<0.50	<0.50	<1.0	-	-	-	-	-	-	-	-	-	-	-
	11/02/95	-		-	0.00	-	<50	-	-	<0.50	<0.50	<0.50	<1.0	<5.0	-	-	-	-	-	-	-	-	-	-
	02/05/96	-		-	0.00	-	<50	-	-	<0.50	<1.0	<1.0	<1.0	<10	-	-	-	-	-	-	-	-	-	-
	04/24/96	-		-	0.00	-	<50	-	-	<0.50	<1.0	<1.0	<1.0	<10	-	-	-	-	-	-	-	-	-	-
	07/16/96	-		-	0.00	-	<50	-	-	<0.50	<1.0	<1.0	<1.0	<10	-	-	-	-	-	-	-	-	-	-

TABLE 2
Historical Groundwater Monitoring & Analytical Data
76 (Former BP) Service Station No. 11126
1700 Powell Street, Emeryville, CA

Notes:
P/NP = Purged/Not Purged
TOC = Top of casing (surveyed)
DTW = Depth to Water
GWE = Calculated groundwater elevation = TOC - Depth to Water + 0.75*(Measured SPH Thickness); assuming a specific gravity of 0.75 for SPH
SPH = Separate phase hydrocarbons
GRO = Gasoline range organics
DRO = Diesel range organics
TOG = Total petroleum hydrocarbons as oil and grease
B = Benzene
T = Toluene
E = Ethylbenzene
X = Total xylenes
MTBE = Methyl tert-butyl ether
TBA = Tert-butyl alcohol
DIPE = Di-isopropyl ether
ETBE = Ethyl tert-butyl ether
TAME = Tert-amyl methyl ether
1,2-DCA = 1,2 Dichloroethane
EDB = 1,2-Dibromoethane
HVOC = Halogenated volatile organic compounds
D.O. = Dissolved Oxygen
ft-MSL = feet above mean sea level
µg/L = Micrograms per liter
< = Analyte was not detected above the specified method reporting limit
- = Not measured or analyzed
89,000/86,000 = Analyzed by EPA Method 8020/8260
QC-2 or QCTB = Travel blank or Quality control trip blank
SHEEN = Sheen in well
INA = Well inaccessible
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).
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.
p = Well went dry during purging.
q = 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.
r = Fuel Oxygenates - The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
s = Confirmatory analysis was past holding time.
t = Initial analysis within holding time but required dilution.

Table 3
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
06/05/06	SW	0.020
09/19/06	**SW**	**0.013**

Notes:

--- = Historical quarterly report not available.

ft/ft = Feet per Foot

S = South

SE = Southeast

NW = Northwest

W = West

SW = Southwest

E = East

ATTACHMENT A
PREVIOUS INVESTIGATIONS AND SITE HISTORY SUMMARY

Quarterly Groundwater Monitoring Progress Report – Third Quarter 2006
76 (Former BP) Service Station No.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 AND SECOR'S STANDARD GROUNDWATER MONITORING AND SAMPLING PROCEDURES

Quarterly Groundwater Monitoring Progress Report – Third Quarter 2006
76 (Former BP) Service Station No.11126
1700 Powell Street
Emeryville, California

SECOR INTERNATIONAL INCORPORATED

STANDARD PROCEDURE FOR EQUIPMENT DECONTAMINATION

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

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

SECOR INTERNATIONAL INCORPORATED

STANDARD PROCEDURE FOR GROUNDWATER SAMPLING

Depth to Groundwater/LPH Thickness Measurements

Prior to purging each of the wells, the depth to groundwater and thickness of 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 1-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 glass vials and sealed with Teflon-lined septum, screw-on lids. Labels documenting sample number, well identification, collection date and time, type of sample and type of preservative (if applicable) are affixed to each sample. The samples are then placed into an ice-filled cooler for delivery under chain-of-custody to a laboratory certified by the State of California Department of Health Services Environmental Laboratory Accreditation Programs to perform the specified tests.

Trip Blanks

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

Related Procedures:

- *Standard Procedure for Equipment Decontamination*

SECOR International Incorporated

HYDROLOGIC DATA SHEET

Gauge Date: 9-19-06 **Project Name:** 76 Former BP 11126

Field Technician: RAYMOND GLOEKE, Hector MERINO **Project Number:** 77BP.50126.01.0427/ 77CP.01731.00.

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	3Q06	(w/bailer)	
MW-1	10:52	10.16		3.67	12	2.0		Yes		
MW-2	10:58	11.39		4.61	12	2.0		Yes		
MW-3	10:43	10.73		5.19	12	2.0		Yes		
MW-4	10:45	10.58		5.45	11?	2.0		Yes		
MW-5	12:20	10.18		4.75	13.5	~~4.0~~		Yes		2"
MW-6	10:47	11.01		5.93	14	2.0		Yes		
MW-7	10:49	10.11		5.60	14	2.0		Yes		
MW-8	10:56	11.08		4.82	14	2.0		Yes		
MW-9	10:54	10.55		4.06	14	4.0		Yes		
MW-10	10:40	12.53		7.99	17	2.0		Yes		
MW-11	10:23	14.55		10.16	17	2.0		Yes		

MW-11 - ROOTS IN WELL, BLOCKAGE

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: Raymond Goeke | WELL I.D.: MW-1

CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: Raymond Goeke | SAMPLE I.D.: MW-1

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

DATE PURGED 9-19-06 | START (2400hr) ~~1457~~ RG ~~1632~~ 1717 | END (2400hr) 1500

DATE SAMPLED 9-19-06 | SAMPLE TIME (2400hr)

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) = 1.4

DEPTH TO WATER (feet) = 3.67 | CALCULATED PURGE (gal) = 4.2

WATER COLUMN HEIGHT (feet) = 8.33 | ACTUAL PURGE (gal) = 3.6

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
9-19-06	1458	1.5	26.9	5980	7.14	Clear	Low
	1500	3.0	25.8	~~6~~ 1764	6.83	↓	↓
↓		4.5					
		Dry @ 3.6 gal					

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 3.69 | 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: yes | SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

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

WELL INTEGRITY: Good | LOCK#: yes

REMARKS: Dry @ 3.6 gal.

SIGNATURE: Raymond Goeke | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: **See Work Order** PURGED BY: Raymond Goeke WELL I.D.: MW-2

CLIENT NAME: **76 (Former BP) #11126** SAMPLED BY: Raymond Goeke SAMPLE I.D.: MW-2

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

DATE PURGED 9-19-06 START (2400hr) ~~X~~ 1543 END (2400hr) 1547

DATE SAMPLED 9-19-06 SAMPLE TIME (2400hr) 1706

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

DEPTH TO WATER (feet) = 4.61

WATER COLUMN HEIGHT (feet) = 7.39

CASING VOLUME (gal) = 1.25

CALCULATED PURGE (gal) = 3.76

ACTUAL PURGE (gal) = 5.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
9-19-06	1545	1.5	25.2	880	7.05	clear	Low
	1546	3.0	24.8	1252	6.76	↓	↓
	1547	4.5	24.4	1394	6.74		

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 4.59 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: Yes SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
____ Bladder Pump	____ Bailer (Teflon)	____ Bladder Pump	____ Bailer (Teflon)
____ Centrifugal Pump	____ Bailer (PVC)	____ Centrifugal Pump	✓ Bailer (____ PVC or ✓ disposable)
✓ Submersible Pump	____ Bailer (Stainless Steel)	____ Submersible Pump	____ Bailer (Stainless Steel)
____ Peristalic Pump	____ Dedicated ____	____ Peristalic Pump	____ Dedicated ____
Other: ____		Other: ____	
Pump Depth: 10.0			

WELL INTEGRITY: Good LOCK#: Yes

REMARKS: _____

SIGNATURE: Raymond Goeke Page ____ of ____

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

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

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

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

DATE PURGED 9-19-06 | START (2400hr) 1324 | END (2400hr) 1328

DATE SAMPLED 9-19-06 | SAMPLE TIME (2400hr) 1410

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) = 12.0 | CASING VOLUME (gal) = 1.15

DEPTH TO WATER (feet) = 5.19 | CALCULATED PURGE (gal) = 3.47

WATER COLUMN HEIGHT (feet) = 6.81 | ACTUAL PURGE (gal) = 5.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
9-19-06	1326	1.5	24.5	453	7.24	clear	Low
↓	1327	3.0	23.4	297	7.04	↓	↓
	1328	4.5	22.7	886	7.06		

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.20 | 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: yes | SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	✓ Bailer (___ PVC or ✓ disposable)
✓ Submersible Pump	___ Bailer (Stainless Steel)	___ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated ___	___ Peristalic Pump	___ Dedicated ___
Other: ___		Other: ___	
Pump Depth: 10.0			

WELL INTEGRITY: Good | LOCK#: yes

REMARKS: ___

SIGNATURE: Raymond Gocke

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

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

DATE PURGED 9-19-06 | START (2400hr) 1345 | END (2400hr) 1355
DATE SAMPLED 9-19-06 | SAMPLE TIME (2400hr) 14:47
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) = ~~RG 5.45~~ ~~14.00~~
DEPTH TO WATER (feet) = ~~RG 14.00~~ ~~5.45~~
WATER COLUMN HEIGHT (feet) = 5.55
CASING VOLUME (gal) = .9
CALCULATED PURGE (gal) = 2.8
ACTUAL PURGE (gal) = 2.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
9-19-06	1343	1.0	22.5	1612	7.14	clear	Low
↓	1355	2.0	20.3	2470	7.21	↓	↓
		3.0			↓		
	Dry @ 2.0 gal.						

SAMPLE INFORMATION
SAMPLE DEPTH TO WATER: 6.00 | 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: yes | 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: 10.0

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: Well dry @ 2.0 gals.

SIGNATURE: Raymond Gocke | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: Raymond Goeke | WELL I.D.: MW-5

CLIENT NAME: 76 (Former BP) #11126 | SAMPLED BY: Raymond Goeke | SAMPLE I.D.: MW-5

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

DATE PURGED 9-19-06 | START (2400hr) RG ~~1228~~ 1223 | END (2400hr) 1232

DATE SAMPLED 9-19-06 | SAMPLE TIME (2400hr) 1238

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) = 13.5 | CASING VOLUME (gal) = 1.4

DEPTH TO WATER (feet) = 4.75 | CALCULATED PURGE (gal) = 4.4

WATER COLUMN HEIGHT (feet) = 8.75 | ACTUAL PURGE (gal) = 4.5+

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
9-19-06	1228	1.5	23.1	1151	6.89	clear	Low
	1230	3.0	24.4	857	6.95	↓	↓
	1232	4.5	24.8	716	6.99		

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 4.81 | 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: yes | SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	✓ Bailer (___ PVC or ✓ disposable)
✓ Submersible Pump	___ Bailer (Stainless Steel)	___ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated ____	___ Peristalic Pump	___ Dedicated ____
Other: ____		Other: ____	
Pump Depth: 10.0			

WELL INTEGRITY: Good | LOCK#: YES

REMARKS: _____

SIGNATURE: Raymond Goeke | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: **See Work Order** PURGED BY: Raymond Goeke WELL I.D.: MW-6

CLIENT NAME: **76 (Former BP) #11126** SAMPLED BY: Raymond Goeke SAMPLE I.D.: MW-6

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

DATE PURGED 9-19-06 START (2400hr) 205 - 1405 END (2400hr) 21 1410

DATE SAMPLED 9-19-06 SAMPLE TIME (2400hr) 1600

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) = 1.3

DEPTH TO WATER (feet) = 5.93 CALCULATED PURGE (gal) = 4.1

WATER COLUMN HEIGHT (feet) = 8.07 ACTUAL PURGE (gal) = 2.3

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
9-19-06	207	1.5	22.7	4740	7.34	Clear	Low
	1410	3.0				↓	↓
		4.5					
		Dry at 2.3 gal.					
↓							

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.94 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: yes SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	✓ Bailer (___ PVC or ✓ disposable)
✓ Submersible Pump	___ Bailer (Stainless Steel)	✓ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated ____	___ Peristalic Pump	___ Dedicated ____
Other: ____		Other: ____	
Pump Depth: 12.0			

WELL INTEGRITY: Good LOCK#: yes

REMARKS: _____

SIGNATURE: Raymond Goeke

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: Raymond Goeke | WELL I.D.: MW-7

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

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

DATE PURGED 9-19-06 | START (2400hr) 1428 | END (2400hr) 1434

DATE SAMPLED 9-19-06 | SAMPLE TIME (2400hr) 1615

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) = 1.4

DEPTH TO WATER (feet) = 5.60 | CALCULATED PURGE (gal) = 4.2

WATER COLUMN HEIGHT (feet) = 8.4 | ACTUAL PURGE (gal) = 5.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
9-19-06	1432	1.5	23.5	3530	7.49	Clear	Low
↓	1433	3.0	23.9	2240	6.98	↓	↓
	1434	4.5	25.7	3110	7.04		

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 5.58 | SAMPLE TURBIDITY: _____

80% RECHARGE: ✓ 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: 12.0

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: Raymond Goeke | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

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

DATE PURGED 9-19-06 | START (2400hr) 1527 | END (2400hr) 1533
DATE SAMPLED 9-19-06 | SAMPLE TIME (2400hr) 1632
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) = 1.5
DEPTH TO WATER (feet) = 4.82 | CALCULATED PURGE (gal) = 4.6
WATER COLUMN HEIGHT (feet) = 9.18 | ACTUAL PURGE (gal) = 3.6

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
	1530	1.5	74.2	653	6.96		
	1533	3.0	74.8	~~6020~~ 1186	6.20		
		Dry at 3.6 gal.					

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 4.95 | SAMPLE TURBIDITY: ____

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

ODOR: yes | 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: 10.0

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 at 3.6 gal.

SIGNATURE: Raymond Gocke

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: Raymond Goeke | WELL I.D.: MW-9

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

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

DATE PURGED 9-19-06 | START (2400hr) ~~1515~~ 15.11 | END (2400hr) 1515

DATE SAMPLED 9-19-06 | SAMPLE TIME (2400hr) 16 54

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) = 6.6

DEPTH TO WATER (feet) = 4.06 | CALCULATED PURGE (gal) = 20.0

WATER COLUMN HEIGHT (feet) = 9.94 | ACTUAL PURGE (gal) = 6.7

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
9-19-06	1515	6.5	24.0	992	7.00	Clear	Low
↓		Dry @	6.7 gal			↓	↓

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 4.05 | 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: YES | SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	✓ Bailer (___ PVC or ✓ disposable)
✓ Submersible Pump	___ Bailer (Stainless Steel)	___ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated ____	___ Peristalic Pump	___ Dedicated ____
Other: ____		Other: ____	
Pump Depth: 10.0			

WELL INTEGRITY: Good | LOCK#: YES

REMARKS: _____

SIGNATURE: Raymond Goeke | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: Raymond Goeke | WELL I.D.: MW-10

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

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

DATE PURGED 9-19-06 | START (2400hr) 1203 | END (2400hr) 1208

DATE SAMPLED | SAMPLE TIME (2400hr) 13:00

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) = 17 | CASING VOLUME (gal) = 1.53

DEPTH TO WATER (feet) = 7.99 | CALCULATED PURGE (gal) = 4.59

WATER COLUMN HEIGHT (feet) = 9.01 | ACTUAL PURGE (gal) = 5.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
9-19-06	1206	1.5	22.9	582	6.38	clear	Low
↓	1207	3.0	22.9	933	6.95	↓	↓
	1208	4.5	22.8	1277	6.88		

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 8.05 | 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: NO | SAMPLE VESSEL / PRESERVATIVE: **6 preserved voas; 1 1-L amber unpreserved for TPHd and 1 1-L preserved for TOG.**

PURGING EQUIPMENT		SAMPLING EQUIPMENT	
___ Bladder Pump	___ Bailer (Teflon)	___ Bladder Pump	___ Bailer (Teflon)
___ Centrifugal Pump	___ Bailer (PVC)	___ Centrifugal Pump	✓ Bailer (___ PVC or ✓ disposable)
✓ Submersible Pump	___ Bailer (Stainless Steel)	___ Submersible Pump	___ Bailer (Stainless Steel)
___ Peristalic Pump	___ Dedicated	___ Peristalic Pump	___ Dedicated
Other:		Other:	
Pump Depth: RG 100 15.0			

WELL INTEGRITY: Good | LOCK#: yes

REMARKS:

SIGNATURE: Raymond Goeke | Page ___ of ___

SECOR International Inc.

WATER SAMPLE FIELD DATA SHEET

PROJECT #: See Work Order | PURGED BY: RAYMOND | WELL I.D.: MW-11

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

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

DATE PURGED 9-19-06 | START (2400hr) 1137 | END (2400hr) 1143

DATE SAMPLED 9-19-06 | SAMPLE TIME (2400hr) 13:00

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) = 17.00 | CASING VOLUME (gal) = 1.16

DEPTH TO WATER (feet) = 10.16 | CALCULATED PURGE (gal) = 3.4

WATER COLUMN HEIGHT (feet) = 6.84 | ACTUAL PURGE (gal) = 5.0

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (gal)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)	TURBIDITY (NTU)
9-19-06	1141	1.5	22.4	817	6.10	Clear	Low
	1142	3	21.9	627	6.14		
	1143	4.5	21.5	636	6.34		

SAMPLE INFORMATION

SAMPLE DEPTH TO WATER: 10.20 | 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: 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: 12.0

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: CALABRATED OAKTON PC-10 TO 7+4 BUFFER SOLUTION @ 11:33am on 9-19-06

SIGNATURE: Raymond Yoke

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

Quarterly Groundwater Monitoring Progress Report – Third Quarter 2006
76 (Former BP) Service Station No.11126
1700 Powell Street
Emeryville, California

ANALYTICAL REPORT

Job Number: 720-5588-1

Job Description: CP 11126

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

Attention: Ms. Catherine Spelis

Dimple Sharma
Project Manager I
dsharma@stl-inc.com
10/04/2006

cc: Ms. Kimber Collins
BP Data

Project Manager: Dimple Sharma

Severn Trent Laboratories, Inc.
STL San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
Tel (925) 484-1919 Fax (925) 484-1096 www.stl-inc.com

METHOD SUMMARY

Client: SECOR International, Inc. Job Number: 720-5588-1

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: 720-5588-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-5588-1	MW-1	Water	09/19/2006 1717	09/20/2006 1500
720-5588-2	MW-2	Water	09/19/2006 1706	09/20/2006 1500
720-5588-3	MW-3	Water	09/19/2006 1410	09/20/2006 1500
720-5588-4	MW-4	Water	09/19/2006 1447	09/20/2006 1500
720-5588-5	MW-5	Water	09/19/2006 1238	09/20/2006 1500
720-5588-6	MW-6	Water	09/19/2006 1600	09/20/2006 1500
720-5588-7	MW-7	Water	09/19/2006 1615	09/20/2006 1500
720-5588-8	MW-8	Water	09/19/2006 1632	09/20/2006 1500
720-5588-9	MW-9	Water	09/19/2006 1654	09/20/2006 1500
720-5588-10	MW-10	Water	09/19/2006 1300	09/20/2006 1500
720-5588-11	MW-11	Water	09/19/2006 1310	09/20/2006 1500
720-5588-12TB	QCTB	Water	09/19/2006 1730	09/20/2006 1500

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: MW-1

Lab Sample ID: 720-5588-1
Client Matrix: Water

Date Sampled: 09/19/2006 1717
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 09/27/2006 1615
Date Prepared: 09/27/2006 1615

Analysis Batch: 720-13656

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200609\09
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		2.5
Benzene	240		2.5
Ethanol	ND		1300
Ethylbenzene	11		2.5
MTBE	180		2.5
TAME	ND		2.5
Toluene	3.4		2.5
Xylenes, Total	23		5.0
TBA	1000		25
DIPE	ND		5.0
EDB	ND		2.5
Gasoline Range Organics (GRO)-C6-C12	1600		250
Ethyl tert-butyl ether	ND		2.5

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	88	77 - 121
1,2-Dichloroethane-d4 (Surr)	92	73 - 130

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: MW-2

Lab Sample ID: 720-5588-2
Client Matrix: Water

Date Sampled: 09/19/2006 1706
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 09/27/2006 1637
Date Prepared: 09/27/2006 1637

Analysis Batch: 720-13656

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200609\09
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		50
Benzene	12000		50
Ethanol	ND		25000
Ethylbenzene	4100		50
MTBE	16000		50
TAME	370		50
Toluene	9300		50
Xylenes, Total	14000		100
TBA	4800		500
DIPE	ND		100
EDB	ND		50
Gasoline Range Organics (GRO)-C6-C12	68000		5000
Ethyl tert-butyl ether	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	77 - 121
1,2-Dichloroethane-d4 (Surr)	89	73 - 130

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: **MW-3**

Lab Sample ID: 720-5588-3
Client Matrix: Water

Date Sampled: 09/19/2006 1410
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/02/2006 1351
Date Prepared: 10/02/2006 1351

Analysis Batch: 720-13819

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\10
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		250
Ethylbenzene	ND		0.50
MTBE	4.1		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	420		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 (Surr)	91	77 - 121
1,2-Dichloroethane-d4 (Surr)	85	73 - 130

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: MW-4

Lab Sample ID: 720-5588-4
Client Matrix: Water

Date Sampled: 09/19/2006 1447
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 100
Date Analyzed: 09/27/2006 1659
Date Prepared: 09/27/2006 1659

Analysis Batch: 720-13656

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200609\09
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		50
Benzene	ND		50
Ethanol	ND		25000
Ethylbenzene	ND		50
MTBE	110		50
TAME	ND		50
Toluene	ND		50
Xylenes, Total	ND		100
TBA	27000		500
DIPE	ND		100
EDB	ND		50
Gasoline Range Organics (GRO)-C6-C12	ND		5000
Ethyl tert-butyl ether	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	92	77 - 121
1,2-Dichloroethane-d4 (Surr)	91	73 - 130

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: MW-5

Lab Sample ID: 720-5588-5
Client Matrix: Water

Date Sampled: 09/19/2006 1238
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 10/02/2006 1414
Date Prepared: 10/02/2006 1414

Analysis Batch: 720-13819

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\10
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		2.5
Benzene	6.7		2.5
Ethanol	ND		1300
Ethylbenzene	ND		2.5
MTBE	12		2.5
TAME	ND		2.5
Toluene	ND		2.5
Xylenes, Total	ND		5.0
TBA	53		25
DIPE	ND		5.0
EDB	ND		2.5
Gasoline Range Organics (GRO)-C6-C12	4600		250
Ethyl tert-butyl ether	ND		2.5

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	77 - 121
1,2-Dichloroethane-d4 (Surr)	91	73 - 130

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: MW-6

Lab Sample ID: 720-5588-6
Client Matrix: Water

Date Sampled: 09/19/2006 1600
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/02/2006 1436
Date Prepared: 10/02/2006 1436

Analysis Batch: 720-13819

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\10
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		250
Ethylbenzene	ND		0.50
MTBE	8.8		0.50
TAME	1.4		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	190		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 (Surr)	92	77 - 121
1,2-Dichloroethane-d4 (Surr)	90	73 - 130

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: MW-7

Lab Sample ID: 720-5588-7
Client Matrix: Water

Date Sampled: 09/19/2006 1615
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/02/2006 1521
Date Prepared: 10/02/2006 1521

Analysis Batch: 720-13819

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\10
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		250
Ethylbenzene	ND		0.50
MTBE	14		0.50
TAME	1.6		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	280		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 (Surr)	91	77 - 121
1,2-Dichloroethane-d4 (Surr)	88	73 - 130

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: MW-8

Lab Sample ID: 720-5588-8
Client Matrix: Water

Date Sampled: 09/19/2006 1632
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 10/03/2006 1448
Date Prepared: 10/03/2006 1448

Analysis Batch: 720-13846

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\10
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		5.0
Benzene	ND		5.0
Ethylbenzene	ND		5.0
MTBE	17		5.0
TAME	ND		5.0
Toluene	ND		5.0
Xylenes, Total	ND		10
TBA	7500		50
DIPE	ND		10
EDB	ND		5.0
Gasoline Range Organics (GRO)-C6-C12	ND		500
Ethyl tert-butyl ether	ND		5.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	77 - 121
1,2-Dichloroethane-d4 (Surr)	91	73 - 130

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 10/03/2006 1710
Date Prepared: 10/03/2006 1710

Analysis Batch: 720-13860

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200610\10
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Ethanol	ND		2500

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: MW-9

Lab Sample ID: 720-5588-9
Client Matrix: Water

Date Sampled: 09/19/2006 1654
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 25
Date Analyzed: 10/02/2006 1605
Date Prepared: 10/02/2006 1605

Analysis Batch: 720-13819

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\10
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		13
Benzene	2600		13
Ethanol	ND		6300
Ethylbenzene	440		13
MTBE	3100		13
TAME	100		13
Toluene	15		13
Xylenes, Total	370		25
TBA	3900		130
DIPE	ND		25
EDB	ND		13
Gasoline Range Organics (GRO)-C6-C12	9000		1300
Ethyl tert-butyl ether	ND		13

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	77 - 121
1,2-Dichloroethane-d4 (Surr)	91	73 - 130

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: MW-10

Lab Sample ID: 720-5588-10
Client Matrix: Water

Date Sampled: 09/19/2006 1300
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/02/2006 1650
Date Prepared: 10/02/2006 1650

Analysis Batch: 720-13819

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\10
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		250
Ethylbenzene	ND		0.50
MTBE	0.59		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 (Surr)	92	77 - 121
1,2-Dichloroethane-d4 (Surr)	91	73 - 130

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: MW-11

Lab Sample ID: 720-5588-11
Client Matrix: Water

Date Sampled: 09/19/2006 1310
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/02/2006 1712
Date Prepared: 10/02/2006 1712

Analysis Batch: 720-13819

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\10
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		250
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
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 (Surr)	90	77 - 121
1,2-Dichloroethane-d4 (Surr)	94	73 - 130

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/03/2006 1239
Date Prepared: 10/03/2006 1239

Analysis Batch: 720-13844

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\10
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
TBA	ND		5.0

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: **QCTB**

Lab Sample ID: 720-5588-12TB
Client Matrix: Water

Date Sampled: 09/19/2006 1730
Date Received: 09/20/2006 1500

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/27/2006 1552
Date Prepared: 09/27/2006 1552

Analysis Batch: 720-13656

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200609\09
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 (Surr)	91	77 - 121
1,2-Dichloroethane-d4 (Surr)	86	73 - 130

Client: SECOR International, Inc. Job Number: 720-5588-1

Client Sample ID: MW-3

Lab Sample ID: 720-5588-3
Client Matrix: Water

Date Sampled: 09/19/2006 1410
Date Received: 09/20/2006 1500

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

Method: 8015B
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 09/25/2006 1802
Date Prepared: 09/25/2006 0709

Analysis Batch: 720-13568
Prep Batch: 720-13448

Instrument ID: HP DRO3
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]	330		50

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	85	50 - 130

General Chemistry

Client Sample ID: MW-3

Lab Sample ID: 720-5588-3
Client Matrix: Water

Date Sampled: 09/19/2006 1410
Date Received: 09/20/2006 1500

Analyte	Result	Qual	Units	RL	Dil	Method
HEM (Oil & Grease)	ND		mg/L	2.0	1.0	1664A
	Anly Batch: 720-13474	Date Analyzed	09/25/2006 1359			
	Prep Batch: 720-13449	Date Prepared:	09/25/2006 0712			

DATA REPORTING QUALIFIERS

Client: SECOR International, Inc. Job Number: 720-5588-1

Lab Section	Qualifier	Description
GC/MS VOA		
	AY	Matrix Interference suspected

Client: SECOR International, Inc. Job Number: 720-5588-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-13656					
LCS 720-13656/2	Lab Control Spike	T	Water	8260B	
LCSD 720-13656/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-13656/3	Method Blank	T	Water	8260B	
720-5550-A-12 MS	Matrix Spike	T	Water	8260B	
720-5550-A-12 MSD	Matrix Spike Duplicate	T	Water	8260B	
720-5588-1	MW-1	T	Water	8260B	
720-5588-2	MW-2	T	Water	8260B	
720-5588-4	MW-4	T	Water	8260B	
720-5588-12TB	QCTB	T	Water	8260B	
Analysis Batch:720-13819					
LCS 720-13819/2	Lab Control Spike	T	Water	8260B	
LCSD 720-13819/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-13819/12	Method Blank	T	Water	8260B	
720-5588-3	MW-3	T	Water	8260B	
720-5588-5	MW-5	T	Water	8260B	
720-5588-6	MW-6	T	Water	8260B	
720-5588-7	MW-7	T	Water	8260B	
720-5588-9	MW-9	T	Water	8260B	
720-5588-10	MW-10	T	Water	8260B	
720-5588-11	MW-11	T	Water	8260B	
720-5588-11MS	Matrix Spike	T	Water	8260B	
720-5588-11MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:720-13844					
LCS 720-13844/2	Lab Control Spike	T	Water	8260B	
LCSD 720-13844/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-13844/3	Method Blank	T	Water	8260B	
720-5588-11	MW-11	T	Water	8260B	
Analysis Batch:720-13846					
LCS 720-13846/2	Lab Control Spike	T	Water	8260B	
LCSD 720-13846/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-13846/3	Method Blank	T	Water	8260B	
720-5588-8	MW-8	T	Water	8260B	
Analysis Batch:720-13860					
LCS 720-13860/2	Lab Control Spike	T	Water	8260B	
LCSD 720-13860/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-13860/3	Method Blank	T	Water	8260B	
720-5588-8	MW-8	T	Water	8260B	

Report Basis
T = Total

STL San Francisco

Client: SECOR International, Inc. Job Number: 720-5588-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-13448					
LCS 720-13448/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-13448/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-13448/1-A	Method Blank	T	Water	3510C	
720-5588-3	MW-3	T	Water	3510C	
Analysis Batch:720-13568					
LCS 720-13448/2-A	Lab Control Spike	T	Water	8015B	720-13448
LCSD 720-13448/3-A	Lab Control Spike Duplicate	T	Water	8015B	720-13448
MB 720-13448/1-A	Method Blank	T	Water	8015B	720-13448
720-5588-3	MW-3	T	Water	8015B	720-13448

Report Basis
T = Total

General Chemistry					
Prep Batch: 720-13449					
LCS 720-13449/2-A	Lab Control Spike	T	Water	1664A	
LCSD 720-13449/3-A	Lab Control Spike Duplicate	T	Water	1664A	
MB 720-13449/1-A	Method Blank	T	Water	1664A	
720-5588-3	MW-3	T	Water	1664A	
Analysis Batch:720-13474					
LCS 720-13449/2-A	Lab Control Spike	T	Water	1664A	720-13449
LCSD 720-13449/3-A	Lab Control Spike Duplicate	T	Water	1664A	720-13449
MB 720-13449/1-A	Method Blank	T	Water	1664A	720-13449
720-5588-3	MW-3	T	Water	1664A	720-13449

Report Basis
T = Total

Client: SECOR International, Inc. Job Number: 720-5588-1

Method Blank - Batch: 720-13656

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-13656/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/27/2006 0945
Date Prepared: 09/27/2006 0945

Analysis Batch: 720-13656
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200609\0
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		250
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 (Surr)	89	77 - 121
1,2-Dichloroethane-d4 (Surr)	86	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-13656

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-13656/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/27/2006 0816
Date Prepared: 09/27/2006 0816

Analysis Batch: 720-13656
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200609\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-13656/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/27/2006 0838
Date Prepared: 09/27/2006 0838

Analysis Batch: 720-13656
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200609\092
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	99	100	69 - 129	0	25		
MTBE	104	100	65 - 165	3	25		
Toluene	106	102	70 - 130	3	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	91	90	77 - 121
1,2-Dichloroethane-d4 (Surr)	86	85	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-13656

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-5550-A-12 MS	Analysis Batch: 720-13656	Instrument ID: Varian 3900A
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200609\(
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	09/27/2006 1038		Final Weight/Volume: 10 mL
Date Prepared:	09/27/2006 1038		

MSD Lab Sample ID:	720-5550-A-12 MSD	Analysis Batch: 720-13656	Instrument ID: Varian 3900A
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200609\09
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	09/27/2006 1100		Final Weight/Volume: 10 mL
Date Prepared:	09/27/2006 1100		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	99	98	69 - 129	1	20		
MTBE	92	96	65 - 165	4	20		
Toluene	104	104	70 - 130	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	92	91	77 - 121
1,2-Dichloroethane-d4 (Surr)	80	84	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Method Blank - Batch: 720-13819

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-13819/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/02/2006 1053
Date Prepared: 10/02/2006 1053

Analysis Batch: 720-13819
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\1(
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		250
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 (Surr)	90	77 - 121
1,2-Dichloroethane-d4 (Surr)	90	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-13819

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-13819/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/02/2006 0924
Date Prepared: 10/02/2006 0924

Analysis Batch: 720-13819
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\1(
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-13819/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/02/2006 0946
Date Prepared: 10/02/2006 0946

Analysis Batch: 720-13819
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\10(
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	112	113	69 - 129	1	25		
MTBE	121	109	65 - 165	10	25		
Toluene	111	112	70 - 130	1	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	92	91	77 - 121
1,2-Dichloroethane-d4 (Surr)	89	84	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-13819

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	720-5588-11	Analysis Batch: 720-13819	Instrument ID: Varian 3900A
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200610\
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	10/02/2006 1734		Final Weight/Volume: 10 mL
Date Prepared:	10/02/2006 1734		

MSD Lab Sample ID:	720-5588-11	Analysis Batch: 720-13819	Instrument ID: Varian 3900A
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: c:\saturnws\data\200610\1
Dilution:	1.0		Initial Weight/Volume: 10 mL
Date Analyzed:	10/02/2006 1757		Final Weight/Volume: 10 mL
Date Prepared:	10/02/2006 1757		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	136	119	69 - 129	14	20	AY	
MTBE	127	121	65 - 165	5	20		
Toluene	133	116	70 - 130	13	20	AY	

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	94	92	77 - 121
1,2-Dichloroethane-d4 (Surr)	91	90	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Method Blank - Batch: 720-13844

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-13844/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/03/2006 1115
Date Prepared: 10/03/2006 1115

Analysis Batch: 720-13844
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\1(
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
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 (Surr)	104	77 - 121
1,2-Dichloroethane-d4 (Surr)	106	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-13844

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-13844/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/03/2006 0928
Date Prepared: 10/03/2006 0928

Analysis Batch: 720-13844
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\1(
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-13844/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/03/2006 0955
Date Prepared: 10/03/2006 0955

Analysis Batch: 720-13844
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200610\10(
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	99	99	69 - 129	0	25		
MTBE	96	106	65 - 165	9	25		
Toluene	93	106	70 - 130	13	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	93	107	77 - 121
1,2-Dichloroethane-d4 (Surr)	106	101	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Method Blank - Batch: 720-13846

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-13846/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/03/2006 1249
Date Prepared: 10/03/2006 1249

Analysis Batch: 720-13846
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\1(
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
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 (Surr)	94	77 - 121
1,2-Dichloroethane-d4 (Surr)	89	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-13846

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-13846/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/03/2006 0921
Date Prepared: 10/03/2006 0921

Analysis Batch: 720-13846
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\1(
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-13846/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/03/2006 0944
Date Prepared: 10/03/2006 0944

Analysis Batch: 720-13846
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: c:\saturnws\data\200610\10(
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	113	111	69 - 129	2	25		
MTBE	116	110	65 - 165	5	25		
Toluene	112	113	70 - 130	1	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	94	94	77 - 121
1,2-Dichloroethane-d4 (Surr)	88	85	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Method Blank - Batch: 720-13860

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-13860/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/03/2006 1643
Date Prepared: 10/03/2006 1643

Analysis Batch: 720-13860
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200610\1(
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		250
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 (Surr)	83	77 - 121
1,2-Dichloroethane-d4 (Surr)	107	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-13860

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-13860/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/03/2006 1350
Date Prepared: 10/03/2006 1350

Analysis Batch: 720-13860
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200610\1(
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-13860/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/03/2006 1417
Date Prepared: 10/03/2006 1417

Analysis Batch: 720-13860
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: c:\saturnws\data\200610\10(
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	107	103	69 - 129	3	25		
MTBE	117	127	65 - 165	8	25		
Toluene	90	88	70 - 130	2	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	88	84	77 - 121
1,2-Dichloroethane-d4 (Surr)	99	107	73 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Method Blank - Batch: 720-13448

Method: 8015B
Preparation: 3510C

Lab Sample ID: MB 720-13448/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/25/2006 1639
Date Prepared: 09/25/2006 0709

Analysis Batch: 720-13568
Prep Batch: 720-13448
Units: ug/L

Instrument ID: HP DRO3
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	86	50 - 130

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-13448

Method: 8015B
Preparation: 3510C

LCS Lab Sample ID: LCS 720-13448/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/25/2006 1706
Date Prepared: 09/25/2006 0709

Analysis Batch: 720-13568
Prep Batch: 720-13448
Units: ug/L

Instrument ID: HP DRO3
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 720-13448/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/25/2006 1734
Date Prepared: 09/25/2006 0709

Analysis Batch: 720-13568
Prep Batch: 720-13448
Units: ug/L

Instrument ID: HP DRO3
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

		% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C9-C24]	63	77	50 - 130	20	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	64	74	50 - 130

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

Client: SECOR International, Inc. Job Number: 720-5588-1

Method Blank - Batch: 720-13449

Method: 1664A
Preparation: 1664A

Lab Sample ID: MB 720-13449/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/25/2006 1359
Date Prepared: 09/25/2006 0712

Analysis Batch: 720-13474
Prep Batch: 720-13449
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

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-13449

Method: 1664A
Preparation: 1664A

LCS Lab Sample ID: LCS 720-13449/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/25/2006 1359
Date Prepared: 09/25/2006 0712

Analysis Batch: 720-13474
Prep Batch: 720-13449
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 720-13449/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/25/2006 1359
Date Prepared: 09/25/2006 0712

Analysis Batch: 720-13474
Prep Batch: 720-13449
Units: mg/L

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

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
HEM (Oil & Grease)	94	95	79 - 114	1	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: sfdept@stl-inc.com

720-5588

Reference #: 101879

Date 9-19-06 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 Oxyenates ☒ DCA, EDB ☒ Ethanol ☒ Five	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	9-19	1717	W	HCL				X																		6
MW-2	9-19	1706	W	HCL				X																		6
MW-3	9-19	14:10	W	NONE HCL			X	X				X														8
MW-4 14:47	9-19	14:10	W	NONE HCL				X																		6
MW-5	9-19	12:38	W	HCL				X																		6
MW-6	9-19	1600	W	HCL				X																		6
MW-7	9-19	1615	W	HCL				X																		6
MW-8	9-19	1632	W	HCL				X																		6

Project Info.

Project Name: **3Q06 Quarterly Sampling Event @ BP 11126**

Project#: **77BP.50126.01.0403/ 77CP.01731.00.2080**

PO#:

Credit Card#:

Sample Receipt

of Containers:

Head Space:

Temp: 2°C

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: Raymond Goeke 1500	Signature:	Signature:
Time	Time	Time
Printed Name: Raymond Goeke 9/20/06	Printed Name:	Printed Name:
Date	Date	Date
Company: SECOR	Company:	Company:

1) Received by:	2) Received by:	3) Received by:
Signature: [illegible] 1500	Signature:	Signature:
Time	Time	Time
Printed Name: T Bullock 9/20/06	Printed Name:	Printed Name:
Date	Date	Date
Company: STL SF	Company:	Company:

Rev 06/04

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: stlogin@stlinc.com

770-5588

Reference #: 101579

Date 9-19-06 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	9-19	1654	W	HCL				X																		6
MW-10	9-19	13:00	W	HCL				X																		6
MW-11	9-19	13:10	W	HCL				X																		6
QCTB	9-19	17:30	W	HCL	X																					2

Project Info.

Project Name: **3Q06 Quarterly Sampling Event@ BP 11126**

Project#: **77BP.50126.01.0403/ 77CP.01731.00.2080**

PO#:

Credit Card#:

Sample Receipt

of Containers:

Head Space:

Temp: 2°C

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:
Raymond Goeke 1500		
Signature Time	Signature Time	Signature Time
Raymond Goeke 9/20/06		
Printed Name Date	Printed Name Date	Printed Name Date
SECOR		
Company	Company	Company

1) Received by:	2) Received by:	3) Received by:
1520		
Signature Time	Signature Time	Signature Time
9/20/06		
Printed Name Date	Printed Name Date	Printed Name Date
STL-SF		
Company	Company	Company

Rev 06/04

LOGIN SAMPLE RECEIPT CHECK LIST

Client: SECOR International, Inc. Job Number: 720-5588-1

Login Number: 5588

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	