



February 15, 2005

Mr. Robert Schultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-8577

Alameda County
MAR 21 2005
Environmental Health

RE: Electronic Report Submission

Dear Mr. Schultz:

The purpose of this letter is to inform you that on behalf of the Atlantic Richfield Company (RM), a BP affiliated company, URS Corporation (URS) will issue all future quarterly monitoring reports (QMR) electronically to the State Water Resources Control Board's GEOTRACKER website (<http://www.geotracker.swrcb.ca.gov/>). You may access your report directly from this website. If you would prefer to have a PDF copy e-mailed to you or if you would like to continue receiving a paper copy, please contact Rick Murray at (510) 874-1755.

If you have any questions regarding this submission, please call me at (510) 874-3125.

Sincerely,

URS CORPORATION

Rachel Lindvall
QMR Coordinator

URS Corporation
1333 Broadway, Suite 800
Oakland, CA 94612-1924
Tel: 510.893.3600
Fax: 510.874.3268



Atlantic Richfield Company
(a BP affiliated company)

6 Centerpointe Drive, Room 172
La Palma, CA 90623-1066
Phone: (714) 670-5303
Fax: (714) 670-5195



Alameda County
MAR 21 2005
Environmental Health

March 17, 2005

Re: **First Quarter 2005 Semi-Annual Groundwater Monitoring Report
Former BP Service Station #11104
1716 Webster Street
Alameda, California**

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

Submitted by:

Kyle Christie
Environmental Business Manager

Alameda County
MAR 21 2005
Environmental Health



March 17, 2005

Mr. Robert Schultz
Alameda County Environmental Health
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Alameda County
Environmental Health
MAY 21 2005

Re: **First Quarter 2005 Semi-Annual Groundwater Monitoring Report
Former BP Service Station #11104
1716 Webster Street
Alameda, California**

Dear Mr. Schultz:

On behalf of Atlantic Richfield Company (RM), a BP affiliated company, URS Corporation (URS) is submitting this *First Semi-Annual 2005 Groundwater Monitoring Report* for the Former BP Service Station #11104, located at 1716 Webster Street, Alameda, California.

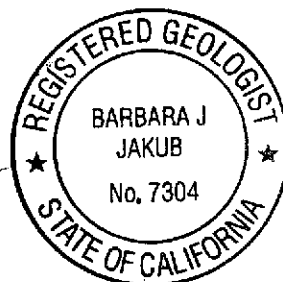
If you have any questions regarding this submission, please call me at (510) 874-1758.

Sincerely,

URS CORPORATION

Lynelle Onishi
Project Manager

Barbara J. Jakub, R.G.
Senior Geologist



Enclosure: First Quarter 2005 Semi-Annual Groundwater Monitoring Report

cc: Mr. Kyle Christie, RM (electronic copy uploaded to ENFOS)
Ms. Liz Sewell, Conocco Phillips (electronic copy uploaded to FTP server)

R E P O R T

**FIRST SEMI-ANNUAL 2005
GROUNDWATER MONITORING**

**FORMER BP SERVICE STATION #11104
1716 WEBSTER STREET
ALAMEDA, CALIFORNIA**

Prepared for
RM

March 17, 2005

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

Date: March 17, 2005

Quarter: 1Q 05

RM QUARTERLY STATUS REPORT

Facility No.: 11104

Address: 1716 Webster Street, Alameda, California

RM Environmental Engineer:

Kyle Christie

Consulting Co./Contact Person:

URS Corporation / Lynelle Onish

Consultant Project No.:

38487245

Primary Agency:

Alameda County Environmental Health

WORK PERFORMED THIS QUARTER (First – 2005):

1. Performed first semi-annual 2005 groundwater monitoring event on February 10, 2005.
2. Prepared and submitted this first semi-annual 2005 groundwater monitoring report.

WORK PROPOSED FOR NEXT QUARTER (Second – 2005):

1. No environmental activities are planned for next quarter

Current Phase of Project: GW monitoring/sampling

Frequency of Groundwater Sampling: Wells MW-1 and RW-1 semi-annually (1st & 3rd Quarter);

Wells MW-2 through MW-5 annually (1st Quarter).

Frequency of Groundwater Monitoring: Biannual

Is Free Product (FP) Present On-Site: No

Current Remediation Techniques: None currently

Approximate Depth to Groundwater: 4.15 (RW-1) to 5.45 (MW-3) feet

Groundwater Gradient (direction): Northwest

Groundwater Gradient (magnitude): 0.006 feet per foot

DISCUSSION:

Gasoline range organics (GRO) were detected at or above the laboratory reporting limit in two of the six wells sampled this quarter at concentrations of 64 micrograms per liter ($\mu\text{g/L}$) (RW-1) and 2,400 $\mu\text{g/L}$ (MW-1).

Benzene was detected at or above the laboratory reporting limit in two wells sampled this quarter at concentrations of 1.6 $\mu\text{g/L}$ (RW-1) and 120 $\mu\text{g/L}$ (MW-1). MTBE was detected at or above the laboratory reporting limit in three of the six wells at concentrations ranging from 0.90 $\mu\text{g/L}$ (MW-5) to 730 $\mu\text{g/L}$ (MW-1). Tert-butyl alcohol (TBA)

was detected at or above the laboratory reporting limit in two wells sampled this quarter at concentrations of 69 µg/L (RW-1) and 2,300 µg/L (MW-1). Tert-amyl methyl ether (TAME) was detected at or above the laboratory reporting limit at concentrations of 0.68 µg/L (RW-1) and 26 µg/L (MW-1).

Joint monitoring activities occurred this quarter with Chevron Service Station # 9-0290 located at 1802 Webster Street, Alameda, California (see Figure 1). Groundwater elevation and analytical data is shared to further evaluate groundwater flow direction and groundwater concentrations in the Site's vicinity. Joint monitoring data for Chevron Service Station # 9-0290 is included in Attachment D.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – February 10, 2005.
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment C – Error Check Reports and EDF/Geowell Submittal Confirmations
- Attachment D – Joint Monitoring Data



Des Garner

Del Norte County Pesticide Site Removal Action, Crescent City, CA (U.S. EPA Region 9): As project manager for both the site assessment and removal action conducted at the former county pesticide storage area, Mr. Garner was responsible for the delineation of contaminant migration, planning and implementation of the removal action, profiling and disposal (PCP, 1,2-Dichloropropane; 2,4-D), sample plan development, and laboratory procurement. Mr. Garner was also responsible for the development and implementation of the long-term groundwater monitoring plan for the site, which subsequently provided data for the design and installation of a UV/Ozonolysis treatment system.

Project Manager, Rio Bravo Removal Action, U.S. EPA, Region 9: Project entailed re-containerization and disposal of 600,000 gallons of oilfield and RCRA waste from sumps, and underground and aboveground storage tanks at this abandoned oilfield site. A scrubber system was developed to minimize fugitive emissions during the pumping operations. Presented the findings of the initial site characterization to more than 150 concerned citizens at a public meeting.

Project Manager, Luke AFB RI/FS, U.S. EPA Region 9: Oversaw the CERCLA remediation of the NPL site. Responsible for technical review of sampling plans, remedial investigation reports, feasibility studies, treatability studies, and design documents generated by the Base. Review included a detailed cost analysis of the Draft Feasibility Study, which resulted in a substantial rewrite of the document in order to properly evaluate and select remedial actions at multiple sites.

Project Manager, Pratter Drum Site Removal Action, U.S. EPA Region 9: Managed the emergency response and subsequent removal of 274 drums of exotic chemical wastes. Conducted extensive field hazcatting of the drum contents, and was responsible for schedule and budget control of the cleanup. Served as an expert witness for Kern County DA's office in a criminal case resulting in the conviction of the responsible parties.

Principal-in-Charge, Landfill Evaluation, City of Sacramento: Responsibilities included the objective evaluation (audits, inspections, file and permit compliance review, environmental evaluation, and engineering control review) of five municipal solid waste landfills in California, Nevada, and Washington for the purpose of short-listing and prioritizing acceptable facilities to receive Sacramento's solid waste for the next 15 years. Developed an evaluation matrix that quantitatively assessed the environmental setting of each site, permits and compliance, engineering controls and design, and landfill operating procedures. The matrix was used to rank the landfills according the risk they presented to the environment.

Project Manager, Raisin City Oilfield, Wells Fargo Bank: Waste classification and quantification investigation of a 130-acre oilfield lease. The lease included two surface impoundments containing drilling muds, brine and petroleum sludges; aboveground storage tanks; sumps; and production wells.

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11104
1716 Webster St., Alameda, CA

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-1	7/21/1992	--	11.98	5.91	--	6.07	34,000	7,000	1,700	2,500	6,900	--	--	---	--	
	10/20/1992	--	11.98	6.66	--	5.32	--	--	--	--	--	--	--	---	--	
	3/5/1993	--	11.98	4.56	--	7.42	--	--	--	--	--	--	--	---	--	
	4/1/1993	--	11.98	4.57	--	7.41	--	--	--	--	--	--	--	---	--	
	7/9/1993	--	11.98	--	--	--	79,000	16,000	1,500	2,200	7,700	12,952	--	PACE	--	c, d, k
	7/9/1993	--	11.98	5.25	--	6.73	77,000	15,000	1,400	2,100	7,400	11,919	--	PACE	--	c, k
	10/8/1993	--	11.98	6.01	--	5.97	42,000	7,100	270	2,700	4,700	--	--	PACE	--	k
	1/6/1994	--	11.98	6.24	--	5.74	45,000	12,000	4,300	3,000	6,700	--	--	PACE	--	k
	4/26/1994	--	11.98	5.26	--	6.72	39,000	6,500	500	1,800	1,200	16,663	6.3	PACE	--	c, k
	7/25/1994	--	11.98	5.60	--	6.38	38,000	6,300	240	1,500	1,100	26,428	1.7	PACE	--	c, k
	10/13/1994	--	11.98	--	--	--	25,000	7,300	120	1,200	740	--	--	PACE	--	d, k
	10/13/1994	--	11.98	6.15	--	5.83	25,000	6,300	130	1,300	830	--	2.3	PACE	--	k
	1/17/1995	--	11.98	--	--	--	8,400	3,100	1,200	470	1,000	--	--	ATI	--	d
	1/17/1995	--	11.98	4.19	--	7.79	7,800	3,100	1,100	460	850	--	7.9	ATI	--	
	3/31/1995	--	11.98	--	--	--	40,000	6,900	7,300	1,300	5,000	--	--	ATI	--	d
	3/31/1995	--	11.98	4.48	--	7.50	37,000	6,700	6,900	1,200	4,500	--	6.4	ATI	--	
	5/1/1995	--	11.98	4.39	--	7.59	--	--	--	--	--	--	--	---	--	
	7/12/1995	--	11.98	--	--	--	29,000	6,600	380	1,500	3,900	--	--	ATI	--	d
	7/12/1995	--	11.98	5.02	--	6.96	29,000	7,000	300	1,500	3,900	--	7.2	ATI	--	
	10/12/1995	--	11.98	--	--	--	20,000	3,500	310	1,100	3,000	14,000	--	ATI	--	d
	10/12/1995	--	11.98	5.68	--	6.30	20,000	3,400	310	1,100	3,000	15,000	6.3	ATI	--	
	2/27/1996	--	11.98	4.18	--	7.80	18,000	4,400	2,900	860	2,380	5,500	7.9	SPL	--	
	5/8/1996	--	11.98	4.89	--	7.09	--	--	--	--	--	--	--	---	--	
	5/9/1996	--	11.98	--	--	--	14,000	2,300	1,900	540	3,340	2,700	6.1	SPL	--	
	8/9/1996	--	11.98	5.13	--	6.85	--	--	--	--	--	--	--	---	--	
	8/12/1996	--	11.98	--	--	--	13,000	2,800	190	1,300	3,040	1,800	7.1	SPL	--	
	11/7/1996	--	11.98	5.65	--	6.33	12,000	2,100	35	<25	<25	2,100	7.2	SPL	--	
	2/10/1997	--	11.98	--	--	--	180,000	2,100	<500	<500	<500	160,000	--	SPL	--	d
	2/10/1997	--	11.98	4.80	--	7.18	180,000	1,900	<500	<500	<500	160,000	6.8	SPL	--	
	8/4/1997	--	11.98	--	--	--	<25000	2,600	<50	1,200	1,100	260,000	--	SPL	--	d
	8/4/1997	--	11.98	5.69	--	6.29	14,000	2,700	<50	1,200	1,220	250,000	7.2	SPL	--	
	1/27/1998	--	11.98	3.96	--	8.02	390,000	4,400	4,300	1,600	2,890	490,000	6.4	SPL	--	
	9/2/1998	--	11.98	5.03	--	6.95	230,000	3,900	<50	1,900	1,000	230,000	6.3	SPL	--	
	2/24/1999	--	11.98	4.94	--	7.04	82,000	3,000	520	2,600	3,200	190000/200000	--	SPL	--	h

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11104
1716 Webster St., Alameda, CA

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments	
MW-1	8/30/1999	--	11.98	6.31	--	5.67	11,000	2,100	<25	1,800	580	48,000	--	SPL	--		
	2/21/2000	--	11.98	4.47	--	7.51	12,000	1,200	250	930	1,800	31,000	--	PACE	--	i	
	8/8/2000	--	11.98	5.59	--	6.39	4,500	160	2.8	76	88	60,000	--	PACE	--		
	2/12/2001	--	11.98	6.04	--	5.94	14,000	363	<12.5	108	293	18,000	--	PACE	--		
	8/13/2001	--	11.98	6.44	--	5.54	14,000	161	17.1	255	545	5,590	--	PACE	--		
	2/4/2002	--	11.98	4.49	--	7.49	17,000	176	57.9	538	1,670	2,470	--	PACE	--		
	8/29/2002	--	11.98	5.22	--	6.76	4,800	180	43	130	540	3,100	--	SEQ	--	l	
	2/5/2003	--	11.98	5.43	--	6.55	770	29	9.8	4.2	47	590	m,n	--	SEQ	--	m,n
	8/14/2003	--	11.98	6.34	--	5.64	5,400	210	<50	90	200	4,500	--	SEQ	--	p	
	02/12/2004	P	11.98	4.55	--	7.43	2,600	140	20	87	170	1,200	--	SEQM	6.8		
	08/12/2004	P	11.98	5.22	--	6.76	5,700	500	12	41	1,400	260	--	SEQM	6.3		
02/10/2005	P	11.98	4.48	--	7.50	2,400	120	10	72	110	730	--	SEQM	6.1			
MW-2	7/21/1992	--	12.98	6.44	--	6.54	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--		
	10/20/1992	--	12.98	7.39	--	5.59	--	--	--	--	--	--	--	--	--		
	3/5/1993	--	12.98	4.91	--	8.07	--	--	--	--	--	--	--	--	--		
	4/1/1993	--	12.98	4.92	--	8.06	--	--	--	--	--	--	--	--	--		
	7/9/1993	--	12.98	5.60	--	7.38	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	k	
	10/8/1993	--	12.98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	d, k	
	10/8/1993	--	12.98	6.50	--	6.48	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	k	
	1/6/1994	--	12.98	6.25	--	6.73	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	k	
	4/26/1994	--	12.98	5.73	--	7.25	<50	<0.5	<0.5	<0.5	<0.5	<5.0	7.5	PACE	--	k	
	7/25/1994	--	12.98	6.07	--	6.91	<50	<0.5	<0.5	<0.5	<0.5	11.59	2.4	PACE	--	k	
	10/13/1994	--	12.98	6.80	--	6.18	<50	<0.5	<0.5	<0.5	<0.5	--	2.4	PACE	--	k	
	1/17/1995	--	12.98	5.10	--	7.88	--	--	--	--	--	--	--	--	--	--	
	3/31/1995	--	12.98	4.69	--	8.29	<50	<0.50	<0.50	<0.50	<1.0	--	7.3	ATI	--		
	5/1/1995	--	12.98	5.23	--	7.75	--	--	--	--	--	--	--	--	--	--	
	7/12/1995	--	12.98	5.40	--	7.58	--	--	--	--	--	--	--	--	--	--	
	10/12/1995	--	12.98	6.06	--	6.92	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.9	ATI	--		
	2/27/1996	--	12.98	4.66	--	8.32	<50	<0.5	<1	<1	<1	<10	8.7	SPL	--		
5/8/1996	--	12.98	5.28	--	7.70	--	--	--	--	--	--	--	--	--	--		
8/9/1996	--	12.98	5.59	--	7.39	<50	<0.5	<1.0	<1.0	<1.0	<10	7.8	SPL	--			
11/7/1996	--	12.98	6.11	--	6.87	--	--	--	--	--	--	--	--	--	--		
2/10/1997	--	12.98	5.26	--	7.72	--	--	--	--	--	--	--	--	--	--		

Table 1

Groundwater Elevation and Analytical Data

Former BP Station #11104
1716 Webster St., Alameda, CA

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
MW-2	8/4/1997	--	12.98	6.14	--	6.84	<50	<0.5	<1.0	<1.0	<1.0	<10	6.5	SPL	--	
	1/27/1998	--	12.98	4.42	--	8.56	--	--	--	--	--	--	--	--	--	
	9/2/1998	--	12.98	5.47	--	7.51	100	0.56	3.6	<1.0	3	110	6.9	SPL	--	
	2/24/1999	--	12.98	5.12	--	7.86	<50	<1.0	<1.0	<1.0	<1.0	8.2	--	SPL	--	
	8/30/1999	--	12.98	6.60	--	6.38	--	--	--	--	--	--	--	--	--	
	2/21/2000	--	12.98	4.64	--	8.34	<50	<0.5	<0.5	<0.5	<0.5	0.72	--	PACE	--	
	2/12/2001	--	12.98	5.13	--	7.85	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	PACE	--	
	2/4/2002	--	12.98	5.63	--	7.35	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--	PACE	--	
	8/29/2002	--	12.98	5.79	--	7.19	--	--	--	--	--	--	--	--	--	
	2/5/2003	--	12.98	5.61	--	7.37	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	SEQ	--	n
	8/14/2003	--	12.98	--	--	--	--	--	--	--	--	--	--	--	--	o
	02/12/2004	P	12.98	5.19	--	7.79	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.4	p
	08/12/2004	--	12.98	6.17	--	6.81	--	--	--	--	--	--	--	--	--	
	02/10/2005	P	12.98	5.01	--	7.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	5.9	
MW-3	7/21/1992	--	13.38	7.07	--	6.31	<50	0.95	<0.5	<0.5	<0.5	--	--	--	--	e
	10/20/1992	--	13.38	8.06	--	5.32	--	--	--	--	--	--	--	--	--	
	3/5/1993	--	13.38	5.16	--	8.22	--	--	--	--	--	--	--	--	--	
	4/1/1993	--	13.38	5.25	--	8.13	--	--	--	--	--	--	--	--	--	
	7/9/1993	--	13.38	5.80	--	7.58	<50	0.6	<0.5	<0.5	<0.5	--	--	PACE	--	k
	10/8/1993	--	13.38	7.17	--	6.21	<50	0.6	<0.5	<0.5	<0.5	--	--	PACE	--	k
	1/6/1994	--	13.38	6.94	--	6.44	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	k
	4/26/1994	--	13.38	6.18	--	7.20	<50	<0.5	<0.5	<0.5	<0.5	<5.0	3.1	PACE	--	k
	7/25/1994	--	13.38	6.67	--	6.71	<50	<0.5	<0.5	<0.5	<0.5	<5.0	2.2	PACE	--	k
	10/13/1994	--	13.38	7.43	--	5.95	<50	<0.5	<0.5	<0.5	<0.5	--	2.1	PACE	--	k
	1/17/1995	--	13.38	5.07	--	8.31	--	--	--	--	--	--	--	--	--	
	3/31/1995	--	13.38	4.03	--	9.35	<50	<0.50	<0.50	<0.50	<1.0	--	6.6	ATI	--	
	5/1/1995	--	13.38	4.94	--	8.44	--	--	--	--	--	--	--	--	--	
	7/12/1995	--	13.38	5.80	--	7.58	--	--	--	--	--	--	--	--	--	
	10/12/1995	--	13.38	6.64	--	6.74	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.4	ATI	--	
	2/27/1996	--	13.38	4.75	--	8.63	<50	<0.5	<1	<1	<1	<10	8.5	SPL	--	
	5/8/1996	--	13.38	5.86	--	7.52	--	--	--	--	--	--	--	--	--	
	8/9/1996	--	13.38	5.70	--	7.68	<50	<0.5	<1.0	<1.0	<1.0	<10	7.9	SPL	--	
	11/7/1996	--	13.38	6.21	--	7.17	--	--	--	--	--	--	--	--	--	

Table 1
Groundwater Elevation and Analytical Data
Former BP Station #11104
1716 Webster St., Alameda, CA

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments	
MW-3	2/10/1997	--	13.38	5.14	--	8.24	--	--	--	--	--	--	--	---	--		
	8/4/1997	--	13.38	6.01	--	7.37	<50	<0.5	<1.0	<1.0	<1.0	<10	6.6	SPL	--		
	1/27/1998	--	13.38	4.30	--	9.08	--	--	--	--	--	--	--	---	--		
	9/2/1998	--	13.38	5.80	--	7.58	<50	<0.5	2.2	<1.0	<1.0	<10	6.6	SPL	--		
	2/24/1999	--	13.38	4.34	--	9.04	<50	<1.0	<1.0	<1.0	<1.0	<1.0	--	SPL	--		
	8/30/1999	--	13.38	6.59	--	6.79	--	--	--	--	--	--	--	---	--		
	2/21/2000	--	13.38	4.56	--	8.82	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	PACE	--		
	2/12/2001	--	13.38	4.98	--	8.40	--	--	--	--	--	--	--	---	--	j	
	2/4/2002	--	13.38	6.11	--	7.27	--	--	--	--	--	--	--	---	--	j	
	8/29/2002	--	13.38	6.22	--	7.16	--	--	--	--	--	--	--	---	--	j	
	2/5/2003	--	13.38	--	--	--	--	--	--	--	--	--	--	--	--	--	f
	8/14/2003	--	13.38	--	--	--	--	--	--	--	--	--	--	--	--	--	o
	02/12/2004	P	13.38	4.94	--	8.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.0	p
	08/12/2004	--	13.38	6.22	--	7.16	--	--	--	--	--	--	--	--	--	--	
	02/10/2005	P	13.38	5.45	--	7.93	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	5.1	
MW-4	3/5/1993	--	11.8	4.81	--	6.99	<50	<0.5	<0.5	<0.5	<0.5	--	--	---	--		
	4/1/1993	--	11.8	4.80	--	7.00	--	--	--	--	--	--	--	---	--		
	7/9/1993	--	11.8	5.54	--	6.26	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	k	
	10/8/1993	--	11.8	6.28	--	5.52	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	k	
	1/6/1994	--	11.8	5.82	--	5.98	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	k	
	4/26/1994	--	11.8	5.50	--	6.30	<50	<0.5	<0.5	<0.5	<0.5	<5.0	7.4	PACE	--	k	
	7/25/1994	--	11.8	5.83	--	5.97	<50	<0.5	<0.5	<0.5	<0.5	<5.0	7.2	PACE	--	k	
	10/13/1994	--	11.8	6.26	--	5.54	<50	<0.5	<0.5	<0.5	<0.5	--	6.7	PACE	--	k	
	1/17/1995	--	11.8	4.19	--	7.61	--	--	--	--	--	--	--	---	--		
	3/31/1995	--	11.8	3.96	--	7.84	<50	<0.50	<0.50	<0.50	<1.0	--	7.1	ATI	--		
	5/1/1995	--	11.8	4.49	--	7.31	--	--	--	--	--	--	--	---	--		
	7/12/1995	--	11.8	5.16	--	6.64	--	--	--	--	--	--	--	---	--		
	10/12/1995	--	11.8	5.80	--	6.00	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.9	ATI	--		
	2/27/1996	--	11.8	4.22	--	7.58	<50	<0.5	<1	<1	<1	<10	8.9	SPL	--		
	5/8/1996	--	11.8	5.00	--	6.80	--	--	--	--	--	--	--	---	--		
	8/9/1996	--	11.8	5.13	--	6.67	<50	<0.5	<1.0	<1.0	<1.0	<10	8.5	SPL	--		
	11/7/1996	--	11.8	5.65	--	6.15	--	--	--	--	--	--	--	---	--		
2/10/1997	--	11.8	4.81	--	6.99	--	--	--	--	--	--	--	---	--			

Table 1
Groundwater Elevation and Analytical Data
Former BP Station #11104
1716 Webster St., Alameda, CA

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments	
MW-4	8/4/1997	--	11.8	5.72	--	6.08	<50	<0.5	<1.0	<1.0	<1.0	<10	6.4	SPL	--		
	1/27/1998	--	11.8	4.06	--	7.74	--	--	--	--	--	--	--	--	--		
	9/2/1998	--	11.8	4.89	--	6.91	<50	<0.5	<1.0	<1.0	<1.0	<10	5.8	SPL	--		
	2/24/1999	--	11.8	3.89	--	7.91	<50	<1.0	<1.0	<1.0	<1.0	<1.0	--	SPL	--		
	8/30/1999	--	11.8	5.62	--	6.18	--	--	--	--	--	--	--	--	--		
	2/21/2000	--	11.8	4.00	--	7.80	<50	<0.5	<0.5	<0.5	<0.5	0.66	--	PACE	--		
	2/12/2001	--	11.8	4.93	--	6.87	<50	<0.5	<0.5	<0.5	<0.5	0.982	--	PACE	--		
	2/4/2002	--	11.8	4.49	--	7.31	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--	PACE	--		
	8/29/2002	--	11.8	5.38	--	6.42	--	--	--	--	--	--	--	--	--	--	
	2/5/2003	--	11.8	4.50	--	7.30	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	SEQ	--	n	
	8/14/2003	--	11.8	--	--	--	--	--	--	--	--	--	--	--	--	--	o
	02/12/2004	P	11.80	4.41	--	7.39	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	6.3	p	
	08/12/2004	--	11.80	5.20	--	6.60	--	--	--	--	--	--	--	--	--	--	
	02/10/2005	P	11.80	4.43	--	7.37	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	SEQM	5.5		
	MW-5	4/1/1993	--	11.62	4.77	--	6.85	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
7/9/1993		--	11.62	5.40	--	6.22	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	k	
10/8/1993		--	11.62	5.87	--	5.75	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	k	
1/6/1994		--	11.62	5.75	--	5.87	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	k	
4/26/1994		--	11.62	5.49	--	6.13	<50	<0.5	<0.5	<0.5	<0.5	<5.0	7.1	PACE	--	k	
7/25/1994		--	11.62	5.69	--	5.93	<50	<0.5	<0.5	<0.5	<0.5	<5.0	6.6	PACE	--	k	
10/13/1994		--	11.62	6.03	--	5.59	<50	<0.5	<0.5	<0.5	<0.5	--	3.0	PACE	--	k	
1/17/1995		--	11.62	4.74	--	6.88	--	--	--	--	--	--	--	--	--	--	
3/31/1995		--	11.62	4.58	--	7.04	<50	<0.50	<0.50	<0.50	<1.0	--	7.1	ATI	--		
5/1/1995		--	11.62	4.79	--	6.83	--	--	--	--	--	--	--	--	--	--	
7/12/1995		--	11.62	5.32	--	6.30	--	--	--	--	--	--	--	--	--	--	
10/12/1995		--	11.62	5.70	--	5.92	<50	<0.50	<0.50	<0.50	<1.0	<5.0	6.7	ATI	--		
2/27/1996		--	11.62	--	--	--	--	--	--	--	--	--	--	--	--	--	f
5/8/1996		--	11.62	4.91	--	6.71	--	--	--	--	--	--	--	--	--	--	
8/9/1996		--	11.62	5.01	--	6.61	<50	<0.5	<1.0	<1.0	<1.0	<10	7.7	SPL	--		
11/7/1996		--	11.62	5.54	--	6.08	--	--	--	--	--	--	--	--	--	--	
2/10/1997		--	11.62	4.66	--	6.96	--	--	--	--	--	--	--	--	--	--	
8/4/1997	--	11.62	5.51	--	6.11	<50	<0.5	<1.0	<1.0	<1.0	<10	6.9	SPL	--			
1/27/1998	--	11.62	4.01	--	7.61	--	--	--	--	--	--	--	--	--	--		

Table 1
Groundwater Elevation and Analytical Data
Former BP Station #11104
1716 Webster St., Alameda, CA

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments	
MW-5	9/2/1998	--	11.62	5.17	--	6.45	<50	<0.5	<1.0	<1.0	<1.0	<10	6.4	SPL	--		
	2/24/1999	--	11.62	4.52	--	7.10	<50	<1.0	<1.0	<1.0	<1.0	<1.0	--	SPL	--		
	8/30/1999	--	11.62	6.02	--	5.60	--	--	--	--	--	--	--	--	--		
	2/21/2000	--	11.62	4.62	--	7.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	PACE	--		
	2/12/2001	--	11.62	4.80	--	6.82	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	PACE	--		
	2/4/2002	--	11.62	4.63	--	6.99	<50	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	--	PACE	--	
	8/29/2002	--	11.62	5.15	--	6.47	--	--	--	--	--	--	--	--	--	--	
	2/5/2003	--	11.62	4.36	--	7.26	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--	SEQ	--	
	8/14/2003	--	11.62	--	--	--	--	--	--	--	--	--	--	--	--	--	o
	02/12/2004	--	11.62	--	--	--	--	--	--	--	--	--	--	--	--	--	f
08/12/2004	--	11.62	4.91	--	--	6.71	--	--	--	--	--	--	--	--	--		
02/10/2005	P		11.62	4.54	--	7.08	<50	<0.50	<0.50	<0.50	<0.50	0.90	--	SEQM	6.1		
QC-2	7/9/1993	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	g,k	
	10/8/1993	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	g,k	
	1/6/1994	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	g,k	
	4/26/1994	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	g,k	
	7/25/1994	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	PACE	--	g,k	
	10/13/1994	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	PACE	--	g,k	
	1/17/1995	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1	--	--	ATI	--	g	
	3/31/1995	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	g	
	7/12/1995	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	--	--	ATI	--	g	
	10/12/1995	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.0	<5.0	--	ATI	--	g	
2/27/1996	--	--	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	g		
5/9/1996	--	--	--	--	--	<50	<0.5	<1	<1	<1	<10	--	SPL	--	g		
RW-1	1/6/1994	--	11.84	--	--	--	24,000	3,700	210	830	2,000	4,562	--	PACE	--	c,d,k	
	1/6/1994	--	11.84	5.59	--	6.25	23,000	3,800	210	840	2,100	4,663	--	PACE	--	c,k	
	4/26/1994	--	11.84	--	--	--	22,000	3,300	110	700	1,700	6,909	--	PACE	--	c,d,k	
	4/26/1994	--	11.84	5.21	--	6.63	24,000	3,500	120	800	1,700	8,145	6.4	PACE	--	c,k	
	7/25/1994	--	11.84	--	--	--	28,000	4,400	240	960	1,400	20,608	--	PACE	--	c,d,k	
	7/25/1994	--	11.84	5.52	--	6.32	31,000	4,800	290	1,100	1,700	<5.0	5.5	PACE	--	c,k	
	10/13/1994	--	11.84	6.05	--	5.79	20,000	4,200	46	990	440	--	6.8	PACE	--	k	
	1/17/1995	--	11.84	4.02	--	7.82	9,600	1,500	65	300	2,700	--	7.7	ATI	--		
3/31/1995	--	11.84	3.81	--	8.03	16,000	1,500	780	370	2,000	--	7.8	ATI	--			

Table 1
Groundwater Elevation and Analytical Data
Former BP Station #11104
1716 Webster St., Alameda, CA

Well No.	Date	P/ NP	Well Elevation/ TOC (feet)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	Lab	pH	Comments
RW-1	5/1/1995	--	11.84	4.21	--	7.63	--	--	--	--	--	--	--	--	--	
	7/12/1995	--	11.84	4.93	--	6.91	22,000	3,700	150	950	2,800	--	7.2	ATI	--	
	10/12/1995	--	11.84	5.46	--	6.38	30,000	1,600	1,500	1,700	8,500	4,300	7.0	ATI	--	
	2/27/1996	--	11.84	--	--	--	1,600	30	23	38	420	50	--	SPL	--	d
	2/27/1996	--	11.84	4.00	--	7.84	1,800	30	24	41	440	52	7.7	SPL	--	
	5/8/1996	--	11.84	4.65	--	7.19	--	--	--	--	--	--	--	--	--	
	5/9/1996	--	11.84	--	--	--	2,900	15	15	78	700	<50	--	SPL	--	d
	5/9/1996	--	11.84	--	--	--	3,200	19	19	97	800	<50	7.1	SPL	--	
	8/9/1996	--	11.84	4.96	--	6.88	--	--	--	--	--	--	--	--	--	
	8/12/1996	--	11.84	--	--	--	6,900	210	270	390	1,920	<100	7.9	SPL	--	
	8/12/1996	--	11.84	--	--	--	8,200	270	330	450	2,330	<100	--	SPL	--	d
	11/7/1996	--	11.84	--	--	--	6,800	360	45	<10	<10	500	--	SPL	--	d
	11/7/1996	--	11.84	5.50	--	6.34	6,100	320	45	<10	<10	430	6.9	SPL	--	
	2/10/1997	--	11.84	3.85	--	7.99	170,000	<120	<250	<250	<250	150,000	6.7	SPL	--	
	8/4/1997	--	11.84	4.72	--	7.12	<25000	580	450	630	3,700	230,000	6.9	SPL	--	
	1/27/1998	--	11.84	--	--	--	51,000	380	300	480	2,980	36,000	--	SPL	--	d
	1/27/1998	--	11.84	3.80	--	8.04	52,000	380	330	490	2,970	38,000	6.1	SPL	--	
	9/2/1998	--	11.84	--	--	--	280,000	2,400	<50	1,400	3,170	270,000	--	SPL	--	d
	9/2/1998	--	11.84	4.91	--	6.93	260,000	2,500	56	1,400	3,070	250,000	6.6	SPL	--	
	2/24/1999	--	11.84	4.16	--	7.68	120	<1.0	<1.0	1.5	13	130/140	--	SPL	--	h
	8/30/1999	--	11.84	5.52	--	6.32	3,100	320	<25	120	28	60,000	--	SPL	--	
	2/21/2000	--	11.84	3.68	--	8.16	340 i	8.6	1.8	11	66	2,500	--	PACE	--	i
	8/8/2000	--	11.84	4.85	--	6.99	1,600	3.2	<0.5	0.82	1.2	19,000	--	PACE	--	
	2/12/2001	--	11.84	4.26	--	7.58	1,500	1.33	<0.5	<0.5	5.69	2,420	--	PACE	--	
	8/13/2001	--	11.84	5.34	--	6.50	290	<0.5	<0.5	<0.5	<1.5	314	--	PACE	--	
	2/4/2002	--	11.84	4.08	--	7.76	570	9.15	0.874	19.2	83.8	97.4	--	PACE	--	
	8/29/2002	--	11.84	5.12	--	6.72	<50	0.59	<0.50	<0.50	<0.50	19	--	SEQ	--	
	2/5/2003	--	11.84	5.21	--	6.63	<50	<0.50	<0.50	0.68	1.7	18	--	SEQ	--	n
	8/14/2003	--	11.84	5.07	--	6.77	<500	<5.0	<5.0	<5.0	5.4	490	--	SEQ	--	p
	02/12/2004	P	11.84	4.19	--	7.65	120	1.6	<1.0	3.0	4.1	51	--	SEQM	5.9	
	08/12/2004	P	11.84	5.11	--	6.73	170	6.9	<0.50	4.5	10	57	--	SEQM	6.0	
	02/10/2005	P	11.84	4.15	--	7.69	64	1.6	<0.50	0.94	<0.50	39	--	SEQM	5.9	

Table 1
Groundwater Elevation and Analytical Data
Former BP Station #11104
1716 Webster St., Alameda, CA

ABBREVIATIONS AND SYMBOLS:

DO= Dissolved oxygen
GRO = Gasoline Range Organics, range C4-C12
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether
NP = Not Purged
P = Purged
TPH-g = Total petroleum hydrocarbons as gasoline
ug/L = Micrograms per liter
--- = Not applicable/available/analyzed/measured
< = Not detected at or above reported detection limit
PACE = Pace Analytical Services, Inc.
ATI= Analytical Technologies, Inc.
SPL= Southern Petroleum Laboratories
SEQ/SEQM= Sequoia Analytical/Sequoia Morgan Hill Laboratories
TOC = Top of Casing measured in feet above mean sea level
DTW = Depth to Water measured in feet below ground surface
GWE= Groundwater Elevation measured in feet above mean sea level

FOOTNOTES:

a= Top of casing elevations surveyed in reference to USGS benchmark 14.108 feet above mean sea level= at northwest corner of Webster Street and Pacific Avenue.
b= Groundwater elevations in feet above mean sea level.
c= A copy of the documentation for this data is included in Appendix C of Alisto .report 10-155-07-001
d= Blind duplicate.
e= Sample also analyzed for cadmium, nickel, chromium, lead, and zinc. None were detected above the reported detection limit.
f= Well inaccessible.
g= Travel blank.
h= MTBE by EPA Methods 8020/8260.
i= Gasoline does not include MTBE.
j= Unable to sample.
k= A copy of the documentation for this data can be found in Baline Tech Services report 010813-N-2. No chromatograms could be located for MTBE data from wells MW-2, MW-3, MW-4, MW-5, and QC-2, sampled on July 9, 1993; all wells sampled on October 8, 1993; wells MW-1, MW-2, and MW-3, sampled on January 6, 1994; and all wells sampled on October 13, 1994.
l= Chromatogram Pattern: Gasoline C6-C10
m= The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
n= The closing calibration was outside acceptance limits by 1% high. This should be considered in evaluating the result. The avg. % difference for all analytes met the 15% requirement and the QC suggests that calibration linearity is not a factor.
o= The original scope of work only called for annual gauging of well. This issue has been addressed, and in the future, gauging of this well will be semi-annual 1st and 3rd quarter.
p= Groundwater samples analyzed by EPA Method 8260B for TPH-g/BTEX and MTBE.
q= Beginning in the Fourth Quarter 2003, the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline TPH-g has been changed to Gasoline Range Organics (GRO). The resulting data may be impacted by the potential inclusion of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.

NOTES:

During the second quarter of 2002, URS Corporation assumed groundwater monitoring activities for BP.

Source : The data within this table collected prior to June 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

Table 2

Fuel Additives Analytical Data

Former BP Station #11104
1716 Webster St., Alameda, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-1	8/14/2003	<10,000	<2,000	4,500	<50	<50	89	<50	<50	a
	02/12/2004	<2,000	960	1,200	<10	<10	33	<10	<10	
	08/12/2004	<1,000	730	260	<5.0	<5.0	9.3	<5.0	<5.0	
	02/10/2005	<1,000	2,300	730	<5.0	<5.0	26	<5.0	<5.0	
MW-2	8/14/2003	--	--	--	--	--	--	--	--	b (1,2-DCA)
	02/12/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-3	8/14/2003	--	--	--	--	--	--	--	--	b (1,2-DCA)
	02/12/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-4	8/14/2003	--	--	--	--	--	--	--	--	b (1,2-DCA), c (ethanol)
	02/12/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5	8/14/2003	--	--	--	--	--	--	--	--	b (1,2-DCA), c (ethanol)
	02/10/2005	<100	<20	0.90	<0.50	<0.50	<0.50	<0.50	<0.50	
RW-1	8/14/2003	<1,000	<200	490	<5.0	<5.0	11	<5.0	<5.0	a
	02/12/2004	<200	83	51	<1.0	<1.0	1.2	<1.0	<1.0	
	08/12/2004	<100	500	57	<0.50	<0.50	1.0	<0.50	<0.50	
	02/10/2005	<100	69	39	<0.50	<0.50	0.68	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

Former BP Station #11104
1716 Webster St., Alameda, CA

ABBREVIATIONS AND SYMBOLS:

TBA = tert-Butyl alcohol

MTBE = Methyl tert-Butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tert Butyl ether

TAME = tert-Amyl Methyl ether

1,2-DCA = 1,2-Dibromoethane

EDB = 1,2-Dichloroethane

ug/L = Micrograms per liter

< = Not detected at or above specified laboratory method detection limit

NS = Not Sampled

FOOTNOTES

a=The continuing calibration was outside of client contractual acceptance limits by 3.4% low. However, it was within the method acceptance limit. The data should still be useful for its intended purpose.

b=Possible high bias due to CCV falling outside acceptance criteria.

c=Callibration verification is within method limits but outside contract limits

NOTES:

All fuel oxygenate compounds analyzed using EPA Method 8260B.

ATTACHMENT A
FIELD PROCEDURES AND FIELD DATA SHEETS

FIELD PROCEDURES

Sampling Procedures

The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear Teflon™ bailer or an oil-water interface probe. Wells not containing free product are purged approximately three casing volumes of water (or until dewatered) using a centrifugal pump, gas displacement pump, or bailer. Equipment and purging method used for the current sampling event is noted on the attached field data sheets. During purging, temperature, pH, and electrical conductivity are monitored to document that these parameters are stable prior to collecting samples. After purging, water levels are allowed to partially (approximately 80%) recover. Groundwater samples (both purge and no purge) are collected using a Teflon bailer, placed into appropriate Environmental Protection Agency- (EPA) approved containers, labeled, logged onto chain-of-custody records, and transported on ice to a California State-certified laboratory. Wells with free product are not sampled and free product is removed according to California Code of Regulation, Title 23, Div. 3, Chap. 16, Section 2655, UST Regulations.

WELL GAUGING DATA

Project # 050210-WC1 Date 2/10/05 Client URS@BP 1110Y

Site 1716 Webster St., Alameda

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	2					4.48	15.58		
MW-2	2					5.01	15.35		
MW-3	2	⊗ possible obstruction in well				5.45	15.13		
MW-4	2					4.43	14.63		tr
MW-5	2					4.54	14.69		tr
RW-1	6					4.15	22.65		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050210-WC1</u>	Station # <u>1104</u>
Sampler: <u>WC</u>	Date: <u>2/10/05</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>2</u> 3 4 6 8 <u> </u>
Total Well Depth: <u>15.58</u>	Depth to Water: <u>4.48</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____
---	---

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>1.8</u>	X	<u>3</u>	=	<u>5.4</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
<u>1047</u>	<u>59.8</u>	<u>6.2</u>	<u>586</u>	<u>2</u>	<u>cloudy grey</u>
<u>1050</u>	<u>60.1</u>	<u>6.2</u>	<u>643</u>	<u>4</u>	<u>" "</u>
<u>1053</u>	<u>60.5</u>	<u>6.1</u>	<u>644</u>	<u>6</u>	<u>cloudy grey</u>

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>6</u>
Sampling Time: <u>1058</u>	Sampling Date: <u>2/10/05</u>
Sample I.D.: <u>MW-1</u>	Laboratory: Pace <input checked="" type="checkbox"/> Sequoia Other _____
Analyzed for: <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE DRO	Other: <u>see COC</u>
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050210-WC1</u>	Station # <u>1104</u>
Sampler: <u>WC</u>	Date: <u>2/10/05</u>
Well I.D.: <u>MW-2</u>	Well Diameter: <u>2</u> 3 4 6 8 <u> </u>
Total Well Depth: <u>15.35</u>	Depth to Water: <u>5.01</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>OC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____
---	---

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>1.7</u>	x	<u>3</u>	=	<u>5.1</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
<u>0847</u>	<u>61.9</u>	<u>5.7</u>	<u>471</u>	<u>2</u>	<u>cloudy brown</u>
<u>0850</u>	<u>64.4</u>	<u>5.7</u>	<u>462</u>	<u>4</u>	<u>Brown</u>
<u>0853</u>	<u>63.1</u>	<u>5.9</u>	<u>438</u>	<u>6</u>	<u>Brown</u>

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: <u>6</u>
Sampling Time: <u>0858</u>	Sampling Date: <u>2/10/05</u>
Sample I.D.: <u>MW-2</u>	Laboratory: Pace <input checked="" type="checkbox"/> Sequoia <input type="checkbox"/> Other _____
Analyzed for: <input checked="" type="checkbox"/> GRO <input checked="" type="checkbox"/> ETBX <input type="checkbox"/> MTBE <input type="checkbox"/> DRO	Other: <u>see COC</u>
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050210-wc1</u>	Station # <u>11/04</u>
Sampler: <u>WC</u>	Date: <u>2/10/05</u>
Well I.D.: <u>MW-3</u>	Well Diameter: <u>Ø</u> 3 4 6 8 <u> </u>
Total Well Depth: <u>15.13</u>	Depth to Water: <u>5.45</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method:	Sampling Method:
<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	<input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>1.5</u>	X	<u>3</u>	=	<u>4.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
0821	58.2	5.4	390	1.5	Brown
0823	58.6	5.2	322	3	Brown
0825	59.2	5.1	316	5	Brown

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>5</u>	
Sampling Time: <u>0829</u>	Sampling Date: <u>2/10/05</u>	
Sample I.D.: <u>MW-3</u>	Laboratory: Pace <input checked="" type="checkbox"/> Sequoia <input type="checkbox"/> Other _____	
Analyzed for: <input checked="" type="checkbox"/> GRC <input checked="" type="checkbox"/> BTX MTBE DRO	Other: <u>see COC</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050210-wc1</u>	Station # <u>1109</u>
Sampler: <u>wc</u>	Date: <u>2/10/05</u>
Well I.D.: <u>MW-4</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>14.63</u>	Depth to Water: <u>4.43</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: Bailer
 Disposable Bailer
 Positive Air Displacement
 Electric Submersible
 Extraction Pump
 Other: _____

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>1.6</u>	x	<u>3</u>	=	<u>4.8</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>0910</u>	<u>61.2</u>	<u>5.9</u>	<u>373</u>	<u>1.6</u>	<u>clear</u>
<u>0912</u>	<u>61.6</u>	<u>5.6</u>	<u>373</u>	<u>3.2</u>	<u>cloudy</u>
<u>0914</u>	<u>62.1</u>	<u>5.5</u>	<u>389</u>	<u>5</u>	<u>Brown</u>

Did well dewater? Yes No Gallons actually evacuated: 5

Sampling Time: 0920 Sampling Date: 2/10/05

Sample I.D.: MW-4 Laboratory: Pace Sequoia Other _____

Analyzed for: GRO ETBX MTBE DRO Other: see COC

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050210-wc1</u>	Station # <u>11104</u>
Sampler: <u>wc</u>	Date: <u>2/10/05</u>
Well I.D.: <u>RW-1</u>	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: <u>22.65</u>	Depth to Water: <u>4.15</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Purge Method: <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Positive Air Displacement <input checked="" type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port Other: _____
---	---

Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>27.2</u>	X	<u>3</u>	=	<u>81.6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
<u>1016</u>	<u>61.9</u>	<u>5.7</u>	<u>304</u>	<u>28</u>	<u>cloudy/clearing/slight odor</u>
<u>1022</u>	<u>63.2</u>	<u>6.0</u>	<u>297</u>	<u>55</u>	<u>clear</u>
<u>1028</u>	<u>64.3</u>	<u>5.9</u>	<u>317</u>	<u>82</u>	<u>clear</u>

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: <u>82</u>
Sampling Time: <u>1033</u>	Sampling Date: <u>2/10/05</u>
Sample I.D.: <u>RW-1</u>	Laboratory: Pace <u>Sequba</u> Other _____
Analyzed for: <u>GRO</u> <u>BTEX</u> MTBE DRO	Other: <u>see coc</u>

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

BP GEM OIL COMPANY TYPE A BILL OF LADING

SOURCE RECORD BILL OF LADING FOR NON-
HAZARDOUS PURGEWATER RECOVERED FROM
GROUNDWATER WELLS AT BP GEM OIL COMPANY
FACILITIES IN THE STATE OF CALIFORNIA. THE NON-
HAZARDOUS PURGE- WATER WHICH HAS BEEN
RECOVERED FROM GROUND- WATER WELLS IS
COLLECTED BY THE CONTRACTOR, MADE UP INTO
LOADS OF APPROPRIATE SIZE AND HAULED BY
DILLARD ENVIRONMENTAL TO THE ALTAMONT
LANDFILL AND RESOURCE RECOVERY FACILITY IN
LIVERMORE, CALIFORNIA.

The contractor performing this work is BLAINE TECH
SERVICES, INC. (BTS), 1680 Rogers Avenue, San Jose, CA
95112 (phone [408] 573-0555). Blaine Tech Services, Inc. is
authorized by BP GEM OIL COMPANY to recover, collect,
apportion into loads the Non-Hazardous Well Purgewater that is
drawn from wells at the BP GEM Oil Company facility indicated
below and deliver that purgewater to BTS. Transport routing of
the Non-Hazardous Well Purgewater may be direct from one BP
GEM facility to the designated destination point; from one BP
GEM facility to the designated destination point via another BP
GEM facility; from a BP GEM facility to the designated
destination point via the contractor's facility, or any combination
thereof. The Non-Hazardous Well Purgewater is and remains the
property of BP GEM Oil Company.

This Source Record BILL OF LADING was initiated to
cover the recovery of Non-Hazardous Well Purgewater from wells
at the BP GEM Oil Company facility described below:

11104

Station #

1716 Webster St, Alameda

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

109 gallons

added equip.
rinse water

1 gal

any other
adjustments

—

TOTAL GALS.
RECOVERED

110 gal

loaded onto
BTS vehicle #

22

BTS event #

time

date

050210-wc1

11:30

2/10/05

signature

Will Crow

RECD AT

time

date

Blaine Tech

1530

2/10/05

unloaded by
signature

Will Crow

ATTACHMENT B

**LABORATORY PROCEDURES,
CERTIFIED ANALYTICAL REPORTS,
AND CHAIN-OF-CUSTODY RECORDS**

LABORATORY PROCEDURES

Laboratory Procedures

The groundwater samples were analyzed for the presence of the chemicals mentioned in the chain of custody using standard EPA methods. The methods of analysis for the groundwater samples are documented in the certified analytical report. The certified analytical reports and chain-of-custody record are presented in this attachment. The analytical data provided by the laboratory approved by RM have been reviewed and verified by that laboratory.

LABORATORY PROCEDURES

Laboratory Procedures

The groundwater samples were analyzed for the presence of the chemicals mentioned in the chain of custody using standard EPA methods. The methods of analysis for the groundwater samples are documented in the certified analytical report. The certified analytical reports and chain-of-custody record are presented in this attachment. The analytical data provided by the laboratory approved by Atlantic Richfield Company have been reviewed and verified by that laboratory.



**Sequoia
Analytical**

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

25 February, 2005

Leonard Niles
URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland, CA 94612

RE: BP Heritage #11104, Alameda, CA
Work Order: MOB0396

Enclosed are the results of analyses for samples received by the laboratory on 02/10/05 18:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

URS Corporation [Arco]
 1333 Broadway, Suite 800
 Oakland CA, 94612

 Project:BP Heritage #11104, Alameda, CA
 Project Number:G07TB-0010
 Project Manager:Leonard Niles

 MOB0396
 Reported:
 02/25/05 11:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MOB0396-01	Water	02/10/05 10:58	02/10/05 18:20
MW-2	MOB0396-02	Water	02/10/05 08:58	02/10/05 18:20
MW-3	MOB0396-03	Water	02/10/05 08:29	02/10/05 18:20
MW-4	MOB0396-04	Water	02/10/05 09:20	02/10/05 18:20
MW-5	MOB0396-05	Water	02/10/05 09:53	02/10/05 18:20
RW-1	MOB0396-06	Water	02/10/05 10:33	02/10/05 18:20
TB-11104-021005	MOB0396-07	Water	02/10/05 00:00	02/10/05 18:20

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies. These samples were received with intact custody seals.



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:BP Heritage #11104, Alameda, CA Project Number:G07TB-0010 Project Manager:Leonard Niles	MOB0396 Reported: 02/25/05 11:38
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Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

MW-1 (MOB0396-01) Water Sampled: 02/10/05 10:58 Received: 02/10/05 18:20									
tert-Amyl methyl ether	26	5.0	ug/l	10	5B23010	02/23/05	02/23/05	EPA 8260B	
Benzene	120	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	2300	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	PE
Ethanol	ND	1000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	72	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	730	5.0	"	"	"	"	"	"	
Toluene	10	5.0	"	"	"	"	"	"	
Xylenes (total)	110	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	2400	500	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 118 % 60-135 " " " "

MW-2 (MOB0396-02) Water Sampled: 02/10/05 08:58 Received: 02/10/05 18:20									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5B23010	02/23/05	02/23/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	PE
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 123 % 60-135 " " " "

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project:BP Heritage #11104, Alameda, CA
Project Number:G07TB-0010
Project Manager:Leonard Niles

MOB0396
Reported:
02/25/05 11:38

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
MW-3 (MOB0396-03) Water Sampled: 02/10/05 08:29 Received: 02/10/05 18:20										
tert-Amyl methyl ether	ND	0.50		ug/l	1	5B23010	02/23/05	02/23/05	EPA 8260B	
Benzene	ND	0.50		"	"	"	"	"	"	
tert-Butyl alcohol	ND	20		"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50		"	"	"	"	"	"	PE
Ethanol	ND	100		"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	ND	0.50		"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Toluene	ND	0.50		"	"	"	"	"	"	
Xylenes (total)	ND	0.50		"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50		"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>			125 %		60-135	"	"	"	"	

MW-4 (MOB0396-04) Water Sampled: 02/10/05 09:20 Received: 02/10/05 18:20										
tert-Amyl methyl ether	ND	0.50		ug/l	1	5B23010	02/23/05	02/24/05	EPA 8260B	
Benzene	ND	0.50		"	"	"	"	"	"	
tert-Butyl alcohol	ND	20		"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50		"	"	"	"	"	"	PE
Ethanol	ND	100		"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	ND	0.50		"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Toluene	ND	0.50		"	"	"	"	"	"	
Xylenes (total)	ND	0.50		"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50		"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>			120 %		60-135	"	"	"	"	

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco]
 1333 Broadway, Suite 800
 Oakland CA, 94612

 Project:BP Heritage #11104, Alameda, CA
 Project Number:G07TB-0010
 Project Manager:Leonard Niles

 MOB0396
 Reported:
 02/25/05 11:38

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
MW-5 (MOB0396-05) Water Sampled: 02/10/05 09:53 Received: 02/10/05 18:20										
tert-Amyl methyl ether	ND	0.50		ug/l	1	5B23010	02/23/05	02/24/05	EPA 8260B	
Benzene	ND	0.50		"	"	"	"	"	"	
tert-Butyl alcohol	ND	20		"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50		"	"	"	"	"	"	PE
Ethanol	ND	100		"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	ND	0.50		"	"	"	"	"	"	
Methyl tert-butyl ether	0.90	0.50		"	"	"	"	"	"	
Toluene	ND	0.50		"	"	"	"	"	"	
Xylenes (total)	ND	0.50		"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50		"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>119 %</i>		<i>60-135</i>		"	"	"	
RW-1 (MOB0396-06) Water Sampled: 02/10/05 10:33 Received: 02/10/05 18:20										
tert-Amyl methyl ether	0.68	0.50		ug/l	1	5B23010	02/23/05	02/24/05	EPA 8260B	
Benzene	1.6	0.50		"	"	"	"	"	"	
tert-Butyl alcohol	69	20		"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50		"	"	"	"	"	"	PE
Ethanol	ND	100		"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	0.94	0.50		"	"	"	"	"	"	
Methyl tert-butyl ether	39	0.50		"	"	"	"	"	"	
Toluene	ND	0.50		"	"	"	"	"	"	
Xylenes (total)	ND	0.50		"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	64	50		"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>			<i>124 %</i>		<i>60-135</i>		"	"	"	

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco]
 1333 Broadway, Suite 800
 Oakland CA, 94612

 Project:BP Heritage #11104, Alameda, CA
 Project Number:G07TB-0010
 Project Manager:Leonard Niles

 MOB0396
 Reported:
 02/25/05 11:38

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B23010 - EPA 5030B P/T / EPA 8260B
Blank (5B23010-BLK1)

Prepared & Analyzed: 02/23/05

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							PE
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							

Surrogate: 1,2-Dichloroethane-d4

6.11

"

5.00

122

60-135

Laboratory Control Sample (5B23010-BS1)

Prepared & Analyzed: 02/23/05

tert-Amyl methyl ether	10.2	0.50	ug/l	10.0		102	80-115			
Benzene	8.87	0.50	"	10.0		89	65-115			
tert-Butyl alcohol	48.8	20	"	50.0		98	75-150			
Di-isopropyl ether	8.21	0.50	"	10.0		82	75-125			
1,2-Dibromoethane (EDB)	11.3	0.50	"	10.0		113	85-120			
1,2-Dichloroethane	12.2	0.50	"	10.0		122	85-130			PE
Ethanol	168	100	"	200		84	70-135			
Ethyl tert-butyl ether	10.0	0.50	"	10.0		100	75-130			
Ethylbenzene	9.69	0.50	"	10.0		97	75-135			
Methyl tert-butyl ether	11.4	0.50	"	10.0		114	65-125			
Toluene	9.45	0.50	"	10.0		94	85-120			
Xylenes (total)	27.7	0.50	"	30.0		92	85-125			

Surrogate: 1,2-Dichloroethane-d4

5.49

"

5.00

110

60-135



URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project:BP Heritage #11104, Alameda, CA
Project Number:G07TB-0010
Project Manager:Leonard Niles

MOB0396
Reported:
02/25/05 11:38

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5B23010 - EPA 5030B P/T / EPA 8260B

Laboratory Control Sample (5B23010-BS2)

Prepared & Analyzed: 02/23/05

Benzene	5.37	0.50	ug/l	6.08		88	65-115			
Ethylbenzene	8.13	0.50	"	7.84		104	75-135			
Methyl tert-butyl ether	10.7	0.50	"	9.60		111	65-125			
Toluene	33.7	0.50	"	32.9		102	85-120			
Xylenes (total)	35.6	0.50	"	38.5		92	85-125			
Gasoline Range Organics (C4-C12)	416	50	"	440		95	70-124			

Surrogate: 1,2-Dichloroethane-d4

6.13

"

5.00

123

60-135

Laboratory Control Sample Dup (5B23010-BSD1)

Prepared & Analyzed: 02/23/05

tert-Amyl methyl ether	10.2	0.50	ug/l	10.0		102	80-115	0	15	
Benzene	9.52	0.50	"	10.0		95	65-115	7	20	
tert-Butyl alcohol	53.7	20	"	50.0		107	75-150	10	25	
Di-isopropyl ether	8.44	0.50	"	10.0		84	75-125	3	15	
1,2-Dibromoethane (EDB)	11.6	0.50	"	10.0		116	85-120	3	15	
1,2-Dichloroethane	13.4	0.50	"	10.0		134	85-130	9	20	PE
Ethanol	150	100	"	200		75	70-135	11	35	IC
Ethyl tert-butyl ether	10.1	0.50	"	10.0		101	75-130	1	25	
Ethylbenzene	10.6	0.50	"	10.0		106	75-135	9	15	
Methyl tert-butyl ether	11.5	0.50	"	10.0		115	65-125	0.9	20	
Toluene	10.3	0.50	"	10.0		103	85-120	9	20	
Xylenes (total)	29.9	0.50	"	30.0		100	85-125	8	20	

Surrogate: 1,2-Dichloroethane-d4

5.44

"

5.00

109

60-135

Matrix Spike (5B23010-MS1)

Source: MOB0396-01

Prepared & Analyzed: 02/23/05

Benzene	140	5.0	ug/l	60.8	120	33	65-115			LN
Ethylbenzene	138	5.0	"	78.4	72	84	75-135			
Methyl tert-butyl ether	688	5.0	"	96.0	730	NR	65-125			BB,LN
Toluene	345	5.0	"	329	10	102	85-120			
Xylenes (total)	462	5.0	"	385	110	91	85-125			
Gasoline Range Organics (C4-C12)	6010	500	"	4400	2400	82	70-124			

Surrogate: 1,2-Dichloroethane-d4

6.15

"

5.00

123

60-135

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:BP Heritage #11104, Alameda, CA Project Number:G07TB-0010 Project Manager:Leonard Niles	MOB0396 Reported: 02/25/05 11:38
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Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 5B23010 - EPA 5030B P/T / EPA 8260B

Matrix Spike Dup (5B23010-MSD1)	Source: MOB0396-01			Prepared & Analyzed: 02/23/05						
Benzene	136	5.0	ug/l	60.8	120	26	65-115	3	20	LN
Ethylbenzene	136	5.0	"	78.4	72	82	75-135	1	15	
Methyl tert-butyl ether	676	5.0	"	96.0	730	NR	65-125	2	20	BB,LN
Toluene	335	5.0	"	329	10	99	85-120	3	20	
Xylenes (total)	446	5.0	"	385	110	87	85-125	4	20	
Gasoline Range Organics (C4-C12)	5790	500	"	4400	2400	77	70-124	4	20	
Surrogate: 1,2-Dichloroethane-d4	6.03		"	5.00		121	60-135			

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612Project:BP Heritage #11104, Alameda, CA
Project Number:G07TB-0010
Project Manager:Leonard NilesMOB0396
Reported:
02/25/05 11:38**Notes and Definitions**

PE Possible high bias due to CCV falling outside acceptance criteria

LN MS and/or MSD below acceptance limits. See Blank Spike(LCS).

IC Calib. verif. is within method limits but outside contract limits

BB,LN Sample > 4x spike concentration.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



Chain of Custody Record

REVISED
2/11

Project Name: BP 11104 Analytical for QMR sampling
 BP BU/AR Region/Infus Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 11104 > Historical/DL
 State or Lead Regulatory Agency: Alameda County Environmental Health Agency
 Requested Due Date (mm/dd/yyyy): 10 Day TAT

On-site Time: <u>0745</u>	Temp: <u>52 °F</u>
Off-site Time: <u>1130</u>	Temp: <u>59 °F</u>
Sky Conditions: <u>clear</u>	
Meteorological Events: <u>—</u>	
Wind Speed: <u>5 mph</u>	Direction: <u>E</u>

Lab Name: <u>Saxoin</u>	BP/AR Facility No.: <u>11104</u>	Consultant/Contractor: <u>URS</u>
Address: <u>885 Jarvis Drive</u> <u>Morgan Hill, CA 95037</u>	BP/AR Facility Address: <u>1716 Webster St., Alameda, CA 94501</u>	Address: <u>1333 Broadway, Suite 800</u> <u>Oakland, CA 94612</u>
Lab PIA: <u>Lisa Raco</u>	California Global ID No.: <u>T0600101651</u>	Consultant/Contractor Project No.: <u>35426847</u>
Tele/Fax: <u>408.782.8156 / 408.782.6103</u>	Infus Project No.: <u>G07TB-0010</u>	Consultant/Contractor PM: <u>Leonard Niles</u>
BP/AR PM Contact: <u>Kyle Christa</u>	Provision or RCQP: <u>Provision</u>	Tele/Fax: <u>510.874.1720 / 510.874.3268</u>
Address: <u>4 Centerpointe Dr., LPR-4-172</u> <u>La Palma, CA 90623</u>	Phase/VBS: <u>04 - Mon/Remed by Natural Attenuation</u>	Report Type & QC Level: <u>Level 1 with EDP</u>
Tele/Fax: <u>714.670.5103 / 714.670.5195</u>	Sub Phase/Task: <u>03 - Analytical</u>	E-mail EDD To: <u>Donna.Casper@urscorp.com</u>
	Cost Element: <u>05 - Subcontracted Costs</u>	Invoice to: <u>Atlantic Richfield Company</u>

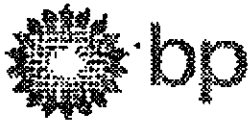
Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments			
				Soil/Solid	Water/Liquid	Air			Unpreserved	H2SO4	HNO3	HCl	Methanol	GR0/TEX (8260)	MIS0/TAME/STEE/ETBE/TEA (8260)	ED0/1,2-DCA (8260)	Stanol (8260)					
1	MW-1	0858	2/10/05	X			01	3					X	X	X	X						
2	MW-2	0858	2/10/05				02	1						X	X	X	X					
3	MW-3	0829	2/10/05				03	1						X	X	X	X					
4	MW-4	0920	2/10/05				04	1						X	X	X	X					
5	MW-5	0953	2/10/05				05	1						X	X	X	X					
6	RAW-1	1053	2/10/05				06	1						X	X	X	X					
7	TB-1104-021005		2/10/05				07	2													on hold	
8																						
9																						
10																						

Sampler's Name: <u>Will Crow</u>	Relinquished By / Affiliation: <u>Will Crow</u>	Date: <u>2/10/05</u>	Time: <u>10:25</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>2/10/05</u>	Time: <u>10:25</u>
Sampler's Company: <u>Blaine Tech</u>						
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						
Special Instructions:						
Custody Seals In Place Yes <u>X</u> No	Temp Blank Yes <u>X</u> No	Cooler Temperature on Receipt <u>7°C</u>	Trip Blank Yes <u>X</u> No			

BLAINE TECH SERVICES Fax: 1-408-573-7771 Feb 11 2005 9:51 P.02

MORB394
Sample Point Lat/Long and Comments

on hold
2/11/05



Chain of Custody Record

Project Name: BP 11104 Analytical for QMR sampling
 BP BU/AR Region/Envos Segment: BP > Americas > West Coast > Retail > WCOU > CA > Central > 11104 > Historical
 State or Lead Regulatory Agency: Alameda County Environmental Health Agency
 Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time: <u>0745</u>	Temp: <u>52 °F</u>
Off-site Time: <u>1130</u>	Temp: <u>59 °F</u>
Sky Conditions: <u>clear</u>	
Meteorological Events: <u>-</u>	
Wind Speed: <u>5 mph</u>	Direction: <u>E</u>

Lab Name: <u>Sequoia</u>	BP/AR Facility No.: <u>11104</u>	Consultant/Contractor: <u>URS</u>
Address: <u>885 Jarvis Drive</u> <u>Morgan Hill, CA 95037</u>	BP/AR Facility Address: <u>1716 Webster St, Alameda, CA 94501</u>	Address: <u>1333 Broadway, Suite 800</u> <u>Oakland, CA 94612</u>
Lab PM: <u>Lisa Race</u>	Site Lat/Long: <u>37.776834 / -122.275</u>	Consultant/Contractor Project No.: <u>38486847</u>
Tele/Fax: <u>408.782.8156 / 408.782.6308</u>	California Global ID No.: <u>10600101651</u>	Consultant/Contractor PM: <u>Leonard Niles</u>
BP/AR PM Contact: <u>Kyle Christie</u>	Infos Project No.: <u>G07TB-0010</u>	Tele/Fax: <u>510.874.1720 / 510.874.3268</u>
Address: <u>4 Centerpointe Dr., LPR-4-172</u> <u>La Palma, CA 90623</u>	Provision or RCOP: <u>Provision</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
Tele/Fax: <u>714.670.5303 / 714.670.5195</u>	Phase/VBS: <u>04 - Mon/Remed by Natural Attenuation</u>	E-mail EDD To: <u>Donna.Casper@urscorp.com</u>
	Sub Phase/Task: <u>03 - Analytical</u>	Invoice to: <u>Atlantic Richfield Company</u>
	Cost Element: <u>05 - Subcontracted Costs</u>	

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments		
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	SROBTEX (#260)	MTEB VAMIE, BTEX, XPII, TBA (#260)	EDA, 1,2-DCA (#260)	Etanol (#260)				
1	MW-1	1058	2/10/05		X		1														
2	MW-2	0858	1/10/05				1														
3	MW-3	0829	1/10/05				1														
4	MW-4	0920	1/10/05				1														
5	MW-5	0953	1/10/05				1														
6	RW-1	1033	1/10/05				1														
7	TB-11104-021005		1/10/05				2														
8																					
9																					
10																					

110B0396
 Sample Point Lat/Long and Comments

Sampler's Name: <u>Will Crow</u>	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: <u>Blaine Tech</u>	<u>Will Crow</u>	<u>2/10/05</u>	<u>1025</u>	<u>[Signature]</u>	<u>2/10/05</u>	<u>1026</u>
Shipment Date:		<u>2/10/05</u>	<u>1820</u>		<u>2/10/05</u>	<u>1820</u>
Shipment Method:						
Shipment Tracking No:						

Special Instructions:

Custody Scale in Place Yes No Temp Blank Yes No Cooler Temperature on Receipt Y/C Trip Blank Yes No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP 11104
 REC. BY (PRINT): JH
 WORKORDER: M026324

DATE REC'D AT LAB: 2/10/05
 TIME REC'D AT LAB: 1830
 DATE LOGGED IN: 2-13-05

For Regulatory Purposes?
 DRINKING WATER YES/NO NO
 WASTE WATER YES/NO NO

(For clients requiring preservation checks at receipt, document here ↓)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID:	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <u>Present / Absent</u> (Intact / Broken*)			<u>RW-1</u>	<u>VOL (3)</u>	<u>HCl</u>	<u>-</u>	<u>✓</u>	<u>2/10/05</u>	
2. Chain-of-Custody <u>Present / Absent*</u>			<u>-2</u>	↓	↓	↓	↓	↓	
3. Traffic Reports or Packing List: <u>Present / Absent*</u>			<u>-3</u>	↓	↓	↓	↓	↓	
4. Airbill: <u>Airbill / Sticker</u> <u>Present / Absent</u>			<u>-4</u>	↓	↓	↓	↓	↓	
5. Airbill #:			<u>-5</u>	↓	↓	↓	↓	↓	
6. Sample Labels: <u>Present / Absent</u>			<u>RW-1</u>	↓	↓	↓	↓	↓	
7. Sample IDs: <u>Listed / Not Listed</u> on Chain-of-Custody			<u>TR-11104-02005</u>	↓	↓	↓	↓	↓	
8. Sample Condition: <u>Intact / Broken*</u> <u>Leaking*</u>									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <u>Yes / No*</u>									
10. Sample received within hold time? <u>Yes / No*</u>									
11. Adequate sample volume received? <u>Yes / No*</u>									
12. Proper Preservatives used? <u>Yes / No*</u>									
13. Trip Blank / Temp Blank Received? (circle which, if yes) <u>Yes / No*</u>									
14. Temp Rec. at Lab: <u>2.9</u> Is temp 4 +/- 2°C? <u>Yes / No**</u>									

(Note: tolerance range for samples requiring thermal pres.)
 **Exception (if any): METALS / DFF ON ICE.
 or Problem COC

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

ATTACHMENT C

**ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL
CONFIRMATIONS**

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SUCCESSFUL GEO_WELL CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	2/25/2005 1:45:14 PM

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UPLOADING A GEO_WELL FILE

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Submittal Title: BP#11104_Geowell 1Q05 QSR
Submittal Date/Time: 2/25/2005 1:46:20 PM
Confirmation Number: 1315078556

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SUCCESSFUL EDF CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	2/25/2005 1:47:27 PM
<u>GLOBAL ID:</u>	T0600101651
<u>FILE UPLOADED:</u>	BP#11104-EDF-MOB0396.zip

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[Click here to view the detections report for this upload.](#)

TOSCO - FACILITY #11104 1716 WEBSTER ST ALAMEDA, CA 94501	<u>Regional Board - Case #: 01-1783</u> SAN FRANCISCO BAY RWQCB (REGION 2) - (BG) <u>Local Agency (lead agency) - Case #: 3723</u> ALAMEDA COUNTY LOP - (RWS)
---	--

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	6
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y

- SURROGATE SPIKE Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% Y

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% Y

SURROGATE SPIKES % RECOVERY BETWEEN 85-115% N

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% N

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% n/a

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% n/a

SURROGATE SPIKES % RECOVERY BETWEEN 70-125% n/a

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Confirmation Number: 6547438561
Date/Time of Submittal: 2/25/2005 1:48:45 PM
Facility Global ID: T0600101651
Facility Name: TOSCO - FACILITY #11104
Submittal Title: BP 11104-QSR Report 1Q05
Submittal Type: GW Monitoring Report

Click [here](#) to view the detections report for this upload.

TOSCO - FACILITY #11104 1716 WEBSTER ST ALAMEDA, CA 94501	Regional Board - Case #: 01-1783 SAN FRANCISCO BAY RWQCB (REGION 2) - (BG) Local Agency (lead agency) - Case #: 3723 ALAMEDA COUNTY LOP - (RWS)
--	--

CONF #	TITLE	QUARTER
6547438561	BP 11104-QSR Report 1Q05	Q1 2005
SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	2/25/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	6
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
---	---

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% Y
 SURROGATE SPIKES % RECOVERY BETWEEN 85-115% N
 BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% N

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% n/a
 MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30% n/a
 SURROGATE SPIKES % RECOVERY BETWEEN 70-125% n/a
 BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130% n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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CONTACT SITE ADMINISTRATOR.

ATTACHMENT D

**JOINT MONITORING DATA
CHEVRON SERVICE STATION #9-0290**

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					REMOVED (gallons)									
A-1														
09/20/91	8.13	0.48	9.23	1.58	--	--	--	--	--	--	--	--	--	--
10/09/91	8.13	1.46	6.67	0.00	--	--	--	--	--	--	--	--	--	--
10/17/91	8.13	1.43	7.28	0.58	--	--	--	--	--	--	--	--	--	--
10/23/91	8.13	1.36	7.42	0.65	--	--	--	--	--	--	--	--	--	--
11/01/91	8.13	1.49	7.14	0.50	--	--	--	--	--	--	--	--	--	--
11/07/91	8.13	1.50	7.14	0.51	--	--	--	--	--	--	--	--	--	--
11/15/91	8.13	1.47	7.19	0.53	--	--	--	--	--	--	--	--	--	--
11/21/91	8.13	1.28	7.28	0.54	--	--	--	--	--	--	--	--	--	--
12/12/91	8.13	1.29	7.33	0.49	--	--	--	--	--	--	--	--	--	--
12/30/91	8.13	1.73	6.76	0.36	--	--	--	--	--	--	--	--	--	--
01/13/92	8.13	2.21	6.29	0.37	--	--	--	--	--	--	--	--	--	--
01/22/92	8.13	2.15	6.43	0.45	--	--	--	--	--	--	--	--	--	--
02/12/92	8.13	2.21	6.30	0.38	--	--	--	--	--	--	--	--	--	--
03/09/92	8.13	3.14	5.30	0.31	--	--	--	--	--	--	--	--	--	--
04/10/92	8.13	2.83	5.37	0.07	--	--	--	--	--	--	--	--	--	--
05/18/92	8.13	2.39	6.14	0.40	--	--	--	--	--	--	--	--	--	--
01/06/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.56	6.19	5.85	0.60	--	--	--	--	--	--	--	--	--	--
06/11/93	11.56	--	--	--	2.00	--	--	--	--	--	--	--	--	--
06/15/93	11.56	--	--	--	0.13	--	--	--	--	--	--	--	--	--
06/18/93	11.56	--	--	--	0.13	--	--	--	--	--	--	--	--	--
06/22/93	11.56	--	--	--	0.50	--	--	--	--	--	--	--	--	--
06/29/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
07/09/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
07/15/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
07/19/93	11.56	5.54	6.23	0.26	2.00	--	--	--	--	--	--	--	--	--
07/20/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
07/27/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
08/06/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
08/10/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--
08/16/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
A-1 (cont)													
09/16/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
09/24/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
10/01/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
10/07/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
10/13/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
10/19/93	11.56	--	--	0.10	--	--	--	--	--	--	--	--	--
10/20/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
10/28/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
11/12/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
11/19/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
11/30/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
12/10/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
12/16/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
12/23/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
12/29/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--
01/03/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
01/17/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
01/26/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
02/07/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
02/11/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
02/18/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
02/25/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
03/04/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
03/11/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
03/16/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
03/25/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
04/01/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
08/18/94	11.56	--	--	--	--	--	--	--	--	--	--	--	--
11/30/94	11.56	--	--	--	2.00	--	--	--	--	--	--	--	--
02/15/95	11.56	--	4.79	--	--	--	--	--	--	--	--	--	--
05/01/95	11.56	--	--	--	--	--	--	--	--	--	--	--	--
08/04/95	11.56	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
A-1 (cont)													
11/29/95	11.56	5.24	6.38	0.08	0.03	--	--	--	--	--	--	--	--
02/08/96	11.56	7.03	4.57	0.05	--	--	--	--	--	--	--	--	--
05/08/96	11.56	6.29	5.49	0.28	--	--	--	--	--	--	--	--	--
08/23/96	11.56	5.31	6.43	0.22	--	--	--	--	--	--	--	--	--
12/12/96	11.56	6.37	5.53	0.42	0.05	--	--	--	--	--	--	--	--
02/10/97	11.56	7.25	4.45	0.17	0.08	--	--	--	--	--	--	--	--
05/01/97	11.56	6.11	5.51	0.08	0.05	--	--	--	--	--	--	--	--
08/05/97	11.56	5.68	5.96	0.10	0.07	--	--	--	--	--	--	--	--
10/28/97	11.56	5.56	6.05	0.06	0.03	--	--	--	--	--	--	--	--
02/04/98	11.56	8.39	3.20	0.04	0.03	--	--	--	--	--	--	--	--
06/03/98	11.56	7.02	4.56	0.03	0.02	--	--	--	--	--	--	--	--
07/29/98	11.56	7.15	4.44	0.04	0.04	--	--	--	--	--	--	--	--
11/30/98	11.56	6.23	5.61	0.35	0.01	--	--	--	--	--	--	--	--
02/24/99	11.56	7.63	4.41	0.60	0.07	--	--	--	--	--	--	--	--
05/06/99	11.56	6.89	4.67	--	--	9,500 ³	580	13.4	<2.0	4.68	58	165	--
08/30/99	11.56	5.52	6.04	--	--	22,000 ³	615	12	3.45	3.8	44	95.5	--
11/17/99	11.56	5.70	5.89	0.04	0.08	--	--	--	--	--	--	--	--
02/21/00	11.56	7.39	4.23	0.08	0.01	--	--	--	--	--	--	--	--
05/08/00	11.56	6.55**	5.10	0.11	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--	--
08/08/00	11.56	6.13**	5.53	0.13	0.26	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--	--
11/01/00	11.56	5.99**	5.67	0.13	0.26	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--	--
02/12/01	11.56	6.85	4.71	0.00	0.00	15,000 ¹²	290 ¹⁰	5.1	<2.0	<2.0	17	640	--
05/14/01 ¹⁷	11.56	6.26	5.30	0.00	0.00	3,100 ¹²	190 ¹⁰	4.8	1.2	0.92	22	100	--
08/13/01	11.56	5.69**	5.89	0.03	0.26	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--	--
11/12/01	11.56	5.84**	5.78	0.08	0.05	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	--	--
02/04/02	11.56	6.77	4.79	0.00	0.00	23,000	380	3.3	1.4	0.69	14	1,800	--
05/06/02	11.56	6.56	5.00	0.00	0.00	12,000	280	2.7	1.9	1.1	20	130	--
08/29/02	11.56	5.86	5.70	0.00	0.00	13,000	380	4.1	3.3	2.1	31	42	--
11/25/02	11.56	5.74	5.82	0.00	0.00	19,000	290	3.0	1.3	0.81	12	340	--
02/05/03	11.56	6.75	4.81	0.00	0.00	12,000	290	3.1	1.1	<0.50	5.2	2,400 ²²	--
05/15/03	11.56	6.71	4.85	0.00	0.00	8,400	330	4.3	1.8	1	16	190	--
08/14/03 ²⁴	11.56	5.85	5.71	0.00	0.00	9,100 ²³	450	8	3	2	26	270	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
A-1 (cont)													
11/13/03 ²⁴	11.56	5.65	5.91	0.00	0.00	13,000	310	4	0.6	0.6	7	150	--
02/12/04 ²⁴	-- ²⁵	-- ²⁵	4.31	0.00	0.00	14,000	120	<0.5	<0.5	<0.5	3	84	--
05/13/04 ²⁴	-- ²⁵	-- ²⁵	4.53	0.00	0.00	3,900 ²³	310	3	1	0.9	13	9	--
08/12/04 ²⁴	-- ²⁵	-- ²⁵	5.13	0.00	0.00	4,600	240	1	<0.5	<0.5	5	16	--
11/11/04 ²⁴	-- ²⁵	-- ²⁵	5.67	0.00	0.00	9,500	<50	<0.5	<0.5	<0.5	<0.5	41	--
02/10/05 ²⁴	-- ²⁵	-- ²⁵	4.38	0.00	0.00	9,900	160	<0.5	<0.5	<0.5	1	43	--
A-2													
09/20/91	8.00	0.27	7.73	0.00	--	5,100	8,100	860	14	110	53	--	--
10/09/91	8.00	1.39	6.61	0.00	--	--	--	--	--	--	--	--	--
10/17/91	8.00	1.34	6.66	0.00	--	--	--	--	--	--	--	--	--
10/23/91	8.00	1.29	6.80	0.09	--	--	--	--	--	--	--	--	--
11/01/91	8.00	1.45	6.63	0.15	--	--	--	--	--	--	--	--	--
11/07/91	8.00	1.45	6.64	0.21	--	--	--	--	--	--	--	--	--
11/15/91	8.00	1.38	6.81	0.19	--	--	--	--	--	--	--	--	--
11/21/91	8.00	1.31	6.93	0.24	--	--	--	--	--	--	--	--	--
12/12/91	8.00	1.24	6.97	0.15	--	--	--	--	--	--	--	--	--
12/30/91	8.00	1.70	6.54	0.24	--	--	--	--	--	--	--	--	--
01/13/92	8.00	2.16	5.92	0.08	--	--	--	--	--	--	--	--	--
01/22/92	8.00	2.00	6.01	0.10	--	--	--	--	--	--	--	--	--
02/12/92	8.00	2.20	6.06	0.26	--	--	--	--	--	--	--	--	--
03/09/92	8.00	3.11	4.93	0.04	--	--	--	--	--	--	--	--	--
04/10/92	8.00	2.80	5.20	<0.01	--	--	--	--	--	--	--	--	--
05/18/92	8.00	2.36	5.66	0.02	--	--	--	--	--	--	--	--	--
01/06/93	8.00	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.00	3.20	4.98	0.22	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.24	5.36	0.18	--	--	--	--	--	--	--	--	--
06/11/93	11.46	--	--	--	0.13	--	--	--	--	--	--	--	--
06/15/93	11.46	--	--	--	0.13	--	--	--	--	--	--	--	--
06/18/93	11.46	--	--	--	0.26	--	--	--	--	--	--	--	--
06/22/93	11.46	--	--	--	0.50	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
A-2 (cont)													
06/29/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
07/09/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
07/15/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
07/19/93	11.46	5.53	6.79	1.07	--	--	--	--	--	--	--	--	--
07/20/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
07/27/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
08/06/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
08/10/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
08/16/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
09/16/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
09/24/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
10/01/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
10/07/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
10/13/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
10/19/93	11.46	6.23	6.36	1.41	--	--	--	--	--	--	--	--	--
10/20/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
10/28/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
11/12/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
11/19/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
11/30/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
12/10/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
12/16/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
12/23/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
12/29/93	11.46	--	--	--	--	--	--	--	--	--	--	--	--
01/03/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--
01/17/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--
01/26/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--
02/07/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--
02/11/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--
02/18/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--
02/25/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--
03/04/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					REMOVED (gallons)									
A-2 (cont)														
03/11/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
03/16/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/94	11.46	--	--	--	--	--	--	--	--	--	--	--	--	--
DESTROYED														
B-1														
04/23/93	12.12	6.19	5.93	--	--	8,300	13,000	4,900	22	250	47	--	--	--
07/19/93	12.12	5.46	6.66	--	--	1,600	3,300	1,200	16	24	<30	--	--	--
10/19/93	12.12	5.04	7.08	--	--	550	2,300	730	18	14	31	--	--	--
01/17/94	12.12	5.39	6.73	--	--	<50	22,000	6,500	170	210	430	--	--	--
08/18/94	12.12	5.27	6.85	--	--	--	--	--	--	--	--	--	--	--
11/30/94	12.12	6.11	6.01	--	--	3,200 ¹	1,500	250	17	7.5	19	--	<5.0 ²	--
02/15/95	12.12	6.75	5.37	--	--	1,300 ¹	1,000	160	<2.0	4.6	2.6	--	--	--
05/01/95	12.12	7.00	5.12	--	--	2,600 ³	140	20	0.52	2.0	0.67	--	--	--
08/04/95	12.12	6.62	5.50	--	--	4,900 ³	6,700	1,400	<20	<20	<20	--	--	--
11/29/95	12.12	6.27	5.85	--	--	5,000 ³	9,200	2,200	<25	<25	25	8,300	--	--
02/08/96	12.12	8.12	4.00	--	--	1,300 ³	1,500	190	<5.0	<5.0	<5.0	2,300	--	--
05/08/96	12.12	7.32	4.80	--	--	2,900 ³	3,700	650	<10	24	16	2,300	--	--
08/23/96	12.12	6.58	5.54	--	--	2600	3,200	500	<20	<20	<20	4,900	--	--
12/12/96	12.12	7.22	4.90	--	--	3,400 ⁴	2,500	380	<25	<25	25	8,600	--	--
02/10/97	12.12	7.53	4.59	--	--	2,100 ³	2,200	270	11	8.8	13	3,400	--	--
05/01/97	12.12	6.46	5.66	--	--	1,300 ³	1,200	70	5.8	<5.0	7.2	2,000	--	--
08/05/97	12.12	5.68	6.44	--	--	1,500 ³	<1,000	86	<10	<10	<10	3,800	--	--
10/28/97	12.12	5.69	6.43	--	--	2,000 ³	1,400	73	6.5	6.8	9.0	2,900	--	--
02/04/98	12.12	9.11	3.01	--	--	1,200 ³	1,500	4.5	1.7	<0.5	2.2	1,900	--	--
02/12/98	12.12	8.33	3.79	--	--	--	--	--	--	--	--	--	--	--
06/03/98	12.12	7.23	4.89	--	--	970 ³	<50	<0.5	<0.5	<0.5	<0.5	1,400	--	--
07/29/98	12.12	6.37	5.75	--	--	1,100 ³	850	27	<0.5	4.0	2.9	770/1,200 ⁶	--	--
11/30/98	12.12	6.44	5.68	--	--	1,490	543	<5.0	<5.0	<5.0	<5.0	2,220	--	--
02/24/99	12.12	7.83	4.29	--	--	1,400 ³	390	1.6	0.57	2.8	2.5	2,600	--	--
05/06/99	12.12	7.11	5.01	--	--	340 ³	239	4.02	<0.5	3.87	1.97	197	--	--

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Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	
					REMOVED (gallons)	TPH-D (ppb)							
B-1 (cont)													
08/30/99	12.12	5.91	6.21	--	--	1,570 ⁷	739	22.4	3.45	5.62	3.27	1,110	--
11/17/99	12.12	5.98	6.14	--	--	1,730	907	66.4	3.82	4.39	4.75	2,480	--
02/21/00	12.12	7.53	4.59	--	--	1,000 ³	679	10.5	<1.0	3.84	3.21	2,330	--
05/08/00	12.12	6.66	5.46	0.00	0.00	870 ¹¹	1,000 ⁸	<5.0	<5.0	<5.0	<5.0	660	--
08/08/00	12.12	6.22	5.90	0.00	0.00	520 ¹¹	<500	29	<5.0	<5.0	<5.0	1,900	--
11/01/00	12.12	7.14	4.98	0.00	0.00	570 ¹⁴	860 ¹⁰	41	<5.0	8.3	13	2,500	--
02/12/01	12.12	6.71	5.41	0.00	0.00	940 ¹⁴	790 ¹⁵	36	<5.0	<5.0	18	1,200	--
05/14/01	12.12	6.38	5.74	0.00	0.00	690 ¹¹	<1,000	<10	<10	<10	<10	540	--
11/12/01	12.12	5.59	6.53	0.00	0.00	2,300	1,100	12	2.5	3.4	8.8	1,100	--
02/04/02	12.12	6.92	5.20	0.00	0.00	1,800	850	7.5	0.66	5.3	<5.0	220	--
05/06/02	12.12	6.67	5.45	0.00	0.00	440	350	<0.50	<0.50	1.7	<1.5	83	--
08/29/02	12.12	5.94	6.18	0.00	0.00	3,000	770	7.3	1.1	1.5	3.1	330	--
11/25/02	12.12	5.87	6.25	0.00	0.00	3,400	510	7.7	<1.0	1.2	3.6	540	--
02/05/03	12.12	6.87	5.25	0.00	0.00	1,400	560	4.8	0.55	2.4	1.9	200	--
05/15/03	12.12	6.86	5.26	0.00	0.00	1,400	370	2.4	<0.5	1.9	2.0	130	--
08/14/03 ²⁴	12.12	5.92	6.20	0.00	0.00	1,300 ²³	650	4	0.9	0.7	2	210	--
11/13/03 ²⁴	12.12	5.73	6.39	0.00	0.00	720	210	0.7	<0.5	<0.5	0.9	200	--
02/12/04 ²⁴	12.12	6.95	5.17	0.00	0.00	1,200	<50	<0.5	<0.5	<0.5	<0.5	53	--
05/13/04 ²⁴	12.12	6.86	5.26	0.00	0.00	63 ²³	<50	<0.5	<0.5	<0.5	<0.5	10	--
08/12/04 ²⁴	12.12	6.11	6.01	0.00	0.00	280	<50	<0.5	<0.5	<0.5	<0.5	26	--
11/11/04 ²⁴	12.12	5.64	6.48	0.00	0.00	280	<50	<0.5	<0.5	<0.5	<0.5	23	--
02/10/05 ²⁴	12.12	6.71	5.41	0.00	0.00	420	<50	<0.5	<0.5	<0.5	<0.5	41	--
B-3													
09/20/91	8.01	1.08	6.94	0.01	--	--	--	--	--	--	--	--	--
10/09/91	8.01	1.66	6.35	--	--	--	--	--	--	--	--	--	--
10/17/91	8.01	1.57	6.44	--	--	--	--	--	--	--	--	--	--
10/23/91	8.01	1.53	6.84	--	--	--	--	--	--	--	--	--	--
11/01/91	8.01	1.70	6.31	--	--	--	--	--	--	--	--	--	--
11/07/91	8.01	1.69	6.32	--	--	--	--	--	--	--	--	--	--
11/15/91	8.01	1.62	6.39	--	--	--	--	--	--	--	--	--	--

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Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH								
					REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
B-3 (cont)													
11/21/91	8.01	1.57	6.44	--	--	--	--	--	--	--	--	--	--
12/12/91	8.01	1.19	6.82	<0.01	--	--	--	--	--	--	--	--	--
12/30/91	8.01	1.64	6.37	--	--	--	--	--	--	--	--	--	--
01/13/92	8.01	2.07	5.94	--	--	--	--	--	--	--	--	--	--
01/22/92	8.01	2.02	5.99	--	--	--	--	--	--	--	--	--	--
02/12/92	8.01	2.19	5.82	<0.01	--	--	--	--	--	--	--	--	--
03/09/92	8.01	2.91	5.10	--	--	--	--	--	--	--	--	--	--
04/10/92	8.01	2.65	5.36	--	--	--	--	--	--	--	--	--	--
05/18/92	8.01	2.29	5.72	--	--	250	6,200	550	58	13	51	--	<5,000
01/06/93	8.01	2.51	5.50	Sheen	--	10,000	5,400	490	54	51	82	--	--
02/03/93	8.01	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.42	6.10	5.32	--	--	6,400	18,000	540	69	47	120	--	--
07/29/93	11.42	5.48	5.94	--	--	4,000	40,000	780	69	49	150	--	--
10/19/93	11.42	5.10	6.32	--	--	1,500	20,000	520	37	43	100	--	--
01/17/94	11.42	4.47	6.95	--	--	<50	3,900	430	32	29	82	--	--
DESTROYED													
B-4													
09/20/91	8.04	1.22	6.82	0.01	--	1,400	19,000	710	160	650	2,000	--	--
10/09/91	8.04	1.41	6.63	--	--	--	--	--	--	--	--	--	--
10/17/91	8.04	1.20	6.84	--	--	--	--	--	--	--	--	--	--
10/23/91	8.04	1.17	6.87	--	--	--	--	--	--	--	--	--	--
11/01/91	8.04	1.34	6.70	--	--	--	--	--	--	--	--	--	--
11/07/91	8.04	1.31	6.73	--	--	--	--	--	--	--	--	--	--
11/15/91	8.04	1.21	6.83	--	--	--	--	--	--	--	--	--	--
11/21/91	8.04	1.20	6.84	--	--	--	--	--	--	--	--	--	--
12/12/91	8.04	1.17	6.87	<0.01	--	--	--	--	--	--	--	--	--
12/30/91	8.04	1.58	6.46	--	--	--	--	--	--	--	--	--	--
01/13/92	8.04	2.13	5.91	--	--	--	--	--	--	--	--	--	--
01/22/92	8.04	2.09	5.95	--	--	--	--	--	--	--	--	--	--
02/12/92	8.04	2.26	5.78	<0.01	--	860	15,000	920	75	520	940	--	--

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Chevron Service Station #9-0290
1802 Webster Street
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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
B-4 (cont)													
03/09/92	8.04	2.95	5.09	--	--	--	--	--	--	--	--	--	--
04/10/92	8.04	2.65	5.39	--	--	--	--	--	--	--	--	--	--
05/18/92	8.04	2.45	5.59	--	--	<50	19,000	2,000	97	560	1,200	--	<5,000
01/06/93	8.04	2.54	5.50	Sheen	--	2,700	19,000	2,000	89	490	740	--	--
02/03/93	8.04	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.07	5.39	--	--	2,300	5,700	2,400	75	380	580	--	--
07/19/93	11.46	5.33	6.13	--	--	2,400	19,000	2,400	140	440	620	--	--
10/19/93	11.46	4.95	6.51	--	--	2,100	13,000	1,200	84	290	530	--	--
01/17/94	11.46	5.28	6.18	--	--	<50	11,000	1,900	63	170	290	--	--
DESTROYED													
B-5													
09/20/91	7.73	2.20	5.53	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/09/91	7.73	2.42	5.31	--	--	--	--	--	--	--	--	--	--
10/17/91	7.73	2.09	5.64	--	--	--	--	--	--	--	--	--	--
10/23/91	7.73	2.05	5.68	--	--	--	--	--	--	--	--	--	--
11/01/91	7.73	2.24	5.49	--	--	--	--	--	--	--	--	--	--
11/07/91	7.73	2.19	5.54	--	--	--	--	--	--	--	--	--	--
11/15/91	7.73	2.10	5.63	--	--	--	--	--	--	--	--	--	--
11/21/91	7.73	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	7.73	2.05	5.68	--	--	--	--	--	--	--	--	--	--
12/30/91	7.73	2.54	5.19	--	--	--	--	--	--	--	--	--	--
01/13/92	7.73	3.07	4.65	--	--	--	--	--	--	--	--	--	--
01/22/92	7.73	3.03	4.70	--	--	--	--	--	--	--	--	--	--
02/12/92	7.73	3.38	4.45	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/09/92	7.73	3.68	4.05	--	--	--	--	--	--	--	--	--	--
04/10/92	7.73	3.30	4.43	--	--	--	--	--	--	--	--	--	--
05/18/92	7.73	3.94	3.79	--	--	--	390	39	1.9	11	24	--	<5,000
01/06/93	7.73	3.39	4.44	Sheen	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/03/93	7.73	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	10.18	5.86	4.32	--	--	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--

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1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					REMOVED (gallons)									
B-5 (cont)														
07/19/93	10.18	5.15	5.03	--	--	--	<50	54	<0.5	0.7	<0.5	<1.5	--	--
10/19/93	10.18	5.08	5.10	--	--	--	<50	<50	2.0	4.1	0.6	3.5	--	--
01/07/94	10.18	5.32	4.86	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	10.18	5.04	5.14	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	10.18	5.73	4.45	--	--	--	140 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	10.18	6.03	4.15	--	--	--	170 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	10.18	5.75	4.43	--	--	--	190 ³	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	10.18	5.22	4.96	--	--	--	250 ³	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/29/95	10.18	4.97	5.21	--	--	--	330 ³	140	1.5	<0.5	1.1	<0.5	800	--
02/08/96	10.18	6.38	3.80	--	--	--	250 ³	<200	2.1	<2.0	<2.0	<2.0	1,100	--
05/08/96	10.18	5.78	4.40	--	--	--	350 ³	<500	<5.0	<5.0	<5.0	<5.0	1,400	--
08/23/96	10.18	5.19	4.99	--	--	--	990	250	6.4	2.1	2.1	4.3	9,300	--
12/12/96	10.18	5.90	4.28	--	--	--	430 ³	<1,000	<10	<10	<10	<10	6,700	--
02/10/97	10.18	6.55	3.63	--	--	--	340 ³	<500	<5.0	<5.0	<5.0	<5.0	930	--
05/01/97	10.18	5.87	4.31	--	--	--	290 ³	<500	<5.0	<5.0	<5.0	<5.0	1,900	--
08/05/97	10.18	5.29	4.89	--	--	--	710 ³	<1,000	<10	<10	<10	<10	6,800	--
10/28/97	10.18	5.18	5.00	--	--	--	880 ³	<500	<5.0	<5.0	<5.0	<5.0	7,000	--
02/04/98	10.18	7.65	2.53	--	--	--	290 ³	<50	0.51	<0.5	<0.5	<0.5	2,100	--
06/03/98	10.18	6.33	3.85	--	--	--	630 ³	220	2.0	15	2.8	20	450	--
07/29/98	10.18	5.63	4.55	--	--	--	1,100 ³	<50	1.6	<0.5	<0.5	1.6	4,600/6,200 ⁶	--
11/30/98	10.18	5.81	4.37	--	--	--	371	<50	<0.5	1.91	<0.5	1.09	202	--
02/24/99	10.18	6.79	3.39	--	--	--	512 ³	<50	<0.5	<0.5	0.69	3.1	25	--
05/06/99	10.18	6.16	4.02	--	--	--	790 ³	<50	2.27	<0.5	<0.5	<0.5	3,090	--
08/30/99	10.18	5.02	5.16	--	--	--	1,890 ⁷	<250	4.25	<2.5	<2.5	<2.5	10,400	--
11/17/99	10.18	5.28	4.90	--	--	--	1,180 ³	101	4.95	<0.5	<0.5	<0.5	8,510	--
02/21/00	10.18	6.67	3.51	--	--	--	240 ³	<100	<1.0	<1.0	<1.0	<1.0	555	--
05/08/00	10.18	5.88	4.30	0.00	0.00		1,200 ¹²	<50	<0.50	<0.50	<0.50	1.4	270	--
08/08/00	10.18	5.55	4.63	0.00	0.00		350 ¹¹	<1,000	<10	<10	<10	<10	8,600	--
11/01/00	10.18	5.53	4.65	0.00	0.00		470 ¹⁴	<500	<5.0	<5.0	<5.0	11	4,600	--
02/12/01	10.18	6.13	4.05	0.00	0.00		190 ¹²	<50	<0.50	<0.50	<0.50	1.3	420	--
05/14/01	10.18	5.59	4.59	0.00	0.00		<1,000	<500	<5.0	<5.0	<5.0	<5.0	6,800	--
08/13/01	10.18	5.14	5.04	0.00	0.00		2,800	<50	<0.50	<0.50	<0.50	<0.50	11,000	--

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Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
B-5 (cont)													
11/12/01	10.18	5.88	4.30	0.00	0.00	2,400	100	1.0	<0.50	<0.50	<1.5	2,300	--
02/04/02	10.18	6.03	4.15	0.00	0.00	1,800	99	<0.50	0.63	2.2	14	3,200	--
05/06/02	10.18	5.86	4.32	0.00	0.00	1,700	<50	<0.50	<0.50	<0.50	<1.5	830	--
08/29/02	10.18	5.20	4.98	0.00	0.00	12,000	<250	5.2	<1.0	<1.0	<3.0	18,000	--
11/25/02	10.18	5.26	4.92	0.00	0.00	5,100	100	1.2	<0.50	<0.50	<1.5	4,300	--
02/05/03	10.18	5.98	4.20	0.00	0.00	1,900	<50	<0.50	<0.50	<0.50	<1.5	4,100	--
05/15/03	10.18	5.95	4.23	0.00	0.00	2,600	53	0.8	0.7	<0.5	1.6	5,400	--
08/14/03 ²⁴	10.18	5.17	5.01	0.00	0.00	10,000 ²³	320	<10	<10	<10	<10	15,000	--
11/13/03 ²⁴	-- ²⁵	-- ²⁵	5.05	0.00	0.00	15,000	220	<3	<3	<3	<3	4,700	--
02/12/04 ²⁴	-- ²⁵	-- ²⁵	4.19	0.00	0.00	4,900	120	<5	<5	<5	<5	5,200	--
05/13/04 ²⁴	-- ²⁵	-- ²⁵	4.55	0.00	0.00	3,400 ²³	94	<1	<1	<1	<1	2,000	--
08/12/04 ²⁴	-- ²⁵	-- ²⁵	4.84	0.00	0.00	4,800	150	<0.5	<0.5	<0.5	<0.5	300	--
11/11/04 ²⁴	-- ²⁵	-- ²⁵	5.35	0.00	0.00	12,000	150	<0.5	<0.5	<0.5	<0.5	57	--
02/10/05 ²⁴	-- ²⁵	-- ²⁵	4.04	0.00	0.00	3,500	70	<0.5	<0.5	<0.5	<0.5	44	--
B-6													
09/20/91	8.55	1.70	6.85	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/09/91	8.55	1.72	6.83	--	--	--	--	--	--	--	--	--	--
10/17/91	8.55	1.65	6.90	--	--	--	--	--	--	--	--	--	--
10/23/91	8.55	1.62	6.93	--	--	--	--	--	--	--	--	--	--
11/01/91	8.55	1.77	6.78	--	--	--	--	--	--	--	--	--	--
11/07/91	8.55	1.74	6.81	--	--	--	--	--	--	--	--	--	--
11/15/91	8.55	1.67	6.88	--	--	--	--	--	--	--	--	--	--
11/21/91	8.55	1.60	6.95	--	--	--	--	--	--	--	--	--	--
12/12/91	8.55	1.41	7.14	--	--	--	--	--	--	--	--	--	--
12/30/91	8.55	2.05	6.50	--	--	--	--	--	--	--	--	--	--
01/13/92	8.55	2.36	6.19	--	--	--	--	--	--	--	--	--	--
01/22/92	8.55	2.28	6.27	--	--	--	--	--	--	--	--	--	--
02/12/92	8.55	2.43	6.12	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/09/92	8.55	3.27	5.28	--	--	--	--	--	--	--	--	--	--
04/10/92	8.55	3.07	5.48	--	--	--	--	--	--	--	--	--	--

Table 1
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Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					REMOVED (gallons)	TPH-D (ppb)							
B-6 (cont)													
05/18/92	8.55	2.65	5.90	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<5,000
01/06/93	8.55	2.76	5.79	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/03/93	8.55	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.97	6.70	5.27	--	--	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/19/93	11.97	5.06	6.91	--	--	<50	74	<0.5	<0.5	<0.5	<1.5	--	--
10/19/93	11.97	5.49	6.48	--	--	<50	<50	<0.5	0.5	<0.5	2.2	--	--
01/07/94	11.97	5.79	6.18	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	11.97	5.77	6.20	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	11.97	6.52	5.45	--	--	230 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	11.97	7.27	4.70	--	--	130 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	11.97	6.94	5.03	--	--	97 ³	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	11.97	6.15	5.82	--	--	350 ³	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/29/95	11.97	5.97	6.00	--	--	200 ³	--	--	--	--	--	--	--
02/08/96	11.97	7.27	4.70	--	--	210 ³	--	--	--	--	--	--	--
05/08/96	11.97	6.74	5.23	--	--	250 ³	--	--	--	--	--	--	--
08/23/96	11.97	5.92	6.05	--	--	310 ³	--	--	--	--	--	--	--
12/12/96	11.97	6.65	5.32	--	--	300 ³	--	--	--	--	--	--	--
02/10/97	11.97	7.60	4.37	--	--	130 ³	--	--	--	--	--	360	--
05/01/97	11.97	6.74	5.23	--	--	260 ³	--	--	--	--	--	2,200	--
08/05/97	11.97	6.22	5.75	--	--	260 ³	--	--	--	--	--	1,800	--
10/28/97	11.97	5.89	6.08	--	--	340 ³	--	--	--	--	--	1,900	--
02/04/98	11.97	9.26	2.71	--	--	280 ³	--	--	--	--	--	1,400	--
06/03/98	11.97	7.49	4.48	--	--	130 ³	--	--	--	--	--	1,200	--
07/29/98	11.97	6.69	5.28	--	--	340 ³	--	--	--	--	--	2,700/3,000 ⁶	--
11/30/98	11.97	6.48	5.49	--	--	2,740	655	<5.0	<5.0	<5.0	<5.0	2,160	--
02/24/99	11.97	7.79	4.18	--	--	225 ³	--	--	--	--	--	1,500	--
05/06/99	11.97	6.29	5.68	--	--	71 ³	--	--	--	--	--	1,010	--
08/30/99	11.97	6.06	5.91	--	--	356 ³	--	--	--	--	--	4,520	--
11/17/99	11.97	6.01	5.96	--	--	1,960 ³	--	--	--	--	--	5,160	--
02/21/00	11.97	7.51	4.46	--	--	180 ³	--	--	--	--	--	6,920	--
05/08/00	11.97	6.92	5.05	0.00	0.00	420 ¹¹	--	--	--	--	--	6,800	--
08/08/00	11.97	6.55	5.42	0.00	0.00	180 ¹¹	--	--	--	--	--	25,000	--

Table 1
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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					REMOVED (gallons)									
B-6 (cont)														
11/01/00	11.97	6.24	5.73	0.00	0.00		77 ¹⁴	--	--	--	--	--	25,000	--
02/12/01	11.97	6.65	5.32	0.00	0.00		62 ¹¹	--	--	--	--	--	16,000	--
05/14/01	11.97	6.62	5.35	0.00	0.00		55 ¹²	--	--	--	--	--	9,100	--
08/13/01	11.97	6.05	5.92	0.00	0.00		220	--	--	--	--	--	33,000	--
11/12/01	11.97	5.63	6.34	0.00	0.00		550	--	--	--	--	--	34,000 ¹⁹	--
02/04/02	11.97	7.16	4.81	0.00	0.00		290	--	--	--	--	--	28,000	--
05/06/02	11.97	6.94	5.03	0.00	0.00		270	--	--	--	--	--	23,000	--
08/29/02	11.97	6.29	5.68	0.00	0.00		490	--	--	--	--	--	29,000	--
11/25/02	11.97	6.08	5.89	0.00	0.00		450	--	--	--	--	--	30,000	--
02/05/03	11.97	6.99	4.98	0.00	0.00		260	--	--	--	--	--	17,000	--
05/15/03	11.97	7.04	4.93	0.00	0.00		310	--	--	--	--	--	28,000	--
08/14/03	11.97	6.32	5.65	0.00	0.00		160 ²³	--	--	--	--	--	31,000	--
11/13/03	-- ²⁵	-- ²⁵	5.90	0.00	0.00		190	--	--	--	--	--	20,000	--
02/12/04	-- ²⁵	-- ²⁵	4.79	0.00	0.00		400	--	--	--	--	--	31,000	--
05/13/04	-- ²⁵	-- ²⁵	4.97	0.00	0.00		54 ²³	--	--	--	--	--	13,000	--
08/12/04	-- ²⁵	-- ²⁵	5.56	0.00	0.00		250	--	--	--	--	--	26,000	--
11/11/04	-- ²⁵	-- ²⁵	5.97	0.00	0.00		250	460	--	--	--	--	20,000	--
02/10/05	-- ²⁵	-- ²⁵	4.67	0.00	0.00		280	--	--	--	--	--	10,000	--
B-7														
04/23/93	10.54	6.02	4.52	--	--		--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
07/19/93	10.54	5.50	5.04	--	--		<50	<50	<0.5	<0.5	<0.5	<1.5	--	<50
10/19/93	10.54	5.14	5.40	--	--		<50	<50	3.1	0.5	<0.5	0.8	--	--
01/07/94	10.54	5.35	5.19	--	--		<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	10.54	5.28	5.26	--	--		<50	<50	<0.5	<0.5	<0.5	1.1	--	--
11/30/94	10.54	5.96	4.58	--	--		<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	10.54	6.32	4.22	--	--		<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	10.54	6.04	4.50	--	--		53 ³	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	10.54	5.56	4.98	--	--		<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/12/98	10.54	7.49	3.05	--	--		<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/03/98	10.54	6.59	3.95	--	--		SAMPLED SEMI-ANNUALLY			--	--	--	--	--

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B-7 (cont)													
07/29/98	10.54	5.99	4.55	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
11/30/98	10.54	5.56	4.98	--	--	--	--	--	--	--	--	--	--
02/24/99	10.54	7.24	3.30	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/06/99	10.54	4.79	5.75	--	--	--	--	--	--	--	--	--	--
08/30/99	10.54	5.25	5.29	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
11/17/99	10.54	4.81	5.73	--	--	--	--	--	--	--	--	--	--
02/21/00	10.54	6.54	4.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/08/00	10.54	6.14	4.40	0.00	0.00	--	--	--	--	--	--	--	--
08/08/00	10.54	6.05	4.49	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
11/01/00	10.54	5.85	4.69	0.00	0.00	--	--	--	--	--	--	--	--
02/12/01	10.54	6.17	4.37	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/14/01	10.54	6.09	4.45	SAMPLED SEMI- ANNUALLY			--	--	--	--	--	--	--
08/13/01	10.54	5.61	4.93	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
11/12/01	10.54	5.27	5.27	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
02/04/02	10.54	6.43	4.11	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/06/02	10.54	6.28	4.26	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
08/29/02	10.54	5.76	4.78	0.00	0.00	--	<50	<0.50	<0.50	<0.50	1.8	<2.5	--
11/25/02	10.54	5.61	4.93	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
02/05/03	10.54	6.43	4.11	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/03	10.54	6.45	4.09	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
08/14/03 ²⁴	10.54	5.76	4.78	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/13/03	10.54	5.85	4.69	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
02/12/04 ²⁴	10.54	6.39	4.15	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/13/04	10.54	6.24	4.30	0.00	0.00	<50 ²³	--	--	--	--	--	--	--
08/12/04 ²⁴	10.54	5.78	4.76	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/11/04	10.54	5.36	5.18	0.00	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--	--
02/10/05 ²⁴	10.54	6.58	3.96	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					REMOVED (gallons)	TPH-D (ppb)							
B-8													
04/23/93	11.99	6.63	5.36	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
07/19/93	11.99	5.77	6.22	--	--	<50	<50	<0.5	<0.5	<0.5	<1.5	--	<50
10/19/93	11.99	DRY	--	--	--	--	--	--	--	--	--	--	--
01/07/94	11.99	5.69	6.30	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	11.99	5.56	6.43	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	11.99	6.53	5.46	--	--	120 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	11.99	7.27	4.72	--	--	120 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	11.99	6.99	5.00	--	--	51 ³	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	11.99	6.07	5.92	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/98	11.99	6.45	5.54	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED													
B-9													
04/23/93	10.70	6.14	4.56	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
07/19/93	10.70	5.25	5.45	--	--	<50	<50	<0.5	<0.5	<0.5	<1.5	--	<50
10/19/93	10.70	4.81	5.89	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/07/94	10.70	5.29	5.41	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	10.70	5.15	5.55	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	10.70	6.35	4.35	--	--	60 ¹	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	10.70	7.05	3.65	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	10.70	6.41	4.29	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	10.70	5.50	5.20	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
NOT MONITORED/SAMPLED													
B-10													
11/29/95	11.42	4.91	6.51	--	--	900 ³	1,700	95	<2.5	69	170	22	--
02/08/96	11.42	6.87	4.55	--	--	650 ³	230	31	<0.5	7.2	6.2	10	--
05/08/96	11.42	5.87	5.55	--	--	570 ³	260	61	0.59	37	23	20	--
08/23/96	11.42	5.23	6.19	--	--	700 ³	320	34	<0.5	29	15	8.3	--
12/12/96	11.42	5.59	5.83	--	--	990 ³	1,600	94	<2.5	110	27	<12	--

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Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					REMOVED (gallons)									
B-10 (cont)														
02/10/97	11.42	6.84	4.58	--	--	--	530 ³	2,100	230	5.6	130	83	<12	--
05/01/97	11.42	5.85	5.57	--	--	--	770 ³	2,300	110	<2.5	140	49	<12	--
08/05/97	11.42	5.12	6.30	--	--	--	620 ³	650	33	1.1	70	16	3.2	--
10/28/97	11.42	5.24	6.18	--	--	--	310 ³	740	25	1.6	53	14	6.7	--
02/04/98	11.42	8.53	2.89	--	--	--	250 ³	950	23	4.5	<0.5	1.9	<2.5	--
06/03/98	11.42	6.62	4.80	--	--	--	490 ³	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/29/98	11.42	5.77	5.65	--	--	--	390 ³	290	3.9	<0.5	8.5	1.4	<2.5	--
11/30/98	11.42	5.80	5.62	--	--	--	437	<50	<0.5	<0.5	<0.5	<0.5	7.11	--
02/24/99	11.42	7.19	4.23	--	--	--	259 ³	160	35	0.55	0.64	0.64	9.2	--
05/06/99	11.42	6.31	5.11	--	--	--	190 ³	490	7.05	1.02	8.24	2.18	<5.0	--
08/30/99	11.42	5.06	6.36	--	--	--	330 ³	205	1.79	0.808	5.55	2.16	3.93	--
11/17/99	11.42	5.48	5.94	--	--	--	2,180 ³	108	1.2	<0.5	1.2	<0.5	<2.5	--
02/21/00	11.42	7.07	4.35	--	--	--	360 ³	587	17.6	2.92	10.1	4.61	5.08	--
05/08/00	11.42	5.99	5.43	0.00	0.00	--	320 ¹¹	380 ⁹	5.4	2.6	3.2	6.3	9.1	--
08/08/00	11.42	DRY	--	--	--	--	--	--	--	--	--	--	--	--
11/01/00	11.42	DRY	--	--	--	--	--	--	--	--	--	--	--	--
02/12/01 ¹⁶	NP	6.09	5.33	0.00	0.00	--	--	--	--	--	--	--	--	--
05/14/01 ¹⁶	11.42	OBSTRUCTION IN WELL				--	--	--	--	--	--	--	--	--
08/13/01 ¹⁶	11.42	OBSTRUCTION IN WELL				--	--	--	--	--	--	--	--	--
11/12/01 ¹⁶	11.42	OBSTRUCTION IN WELL				--	--	--	--	--	--	--	--	--
02/04/02 ²⁰	11.42	6.18	5.24	0.00	0.00	--	340	100	1.8	<0.50	0.57	<1.5	18	--
05/06/02	11.42	6.00	5.42	0.00	0.00	--	1,000	86	1.4	<0.50	<0.50	<1.5	17	--
08/29/02	11.42	4.79	6.63	0.00	0.00	--	650	120	<0.50	<0.50	<0.50	<1.5	38	--
11/25/02	11.42	5.32	6.10	0.00	0.00	--	1,200	77	<0.50	<0.50	<0.50	<1.5	40	--
02/05/03	11.42	6.19	5.23	0.00	0.00	--	650	190	<2.0	<0.50	<0.50	<1.5	30	--
05/15/03	11.42	6.16	5.26	0.00	0.00	--	750	150	1.2	<0.5	<0.5	<1.5	30	--
08/14/03 ²⁴	11.42	5.03	6.39	0.00	0.00	--	230 ²³	<50	<0.5	<0.5	<0.5	<0.5	38	--
11/13/03 ²⁴	11.42	5.17	6.25	0.00	0.00	--	1,000	<50	<0.5	<0.5	<0.5	<0.5	52	--
02/12/04 ²⁴	11.42	6.32	5.10	0.00	0.00	--	810	<50	<0.5	<0.5	<0.5	<0.5	30	--
05/13/04 ²⁴	11.42	5.75	5.67	0.00	0.00	--	71 ²³	<50	<0.5	<0.5	<0.5	<0.5	33	--

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1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					REMOVED (gallons)									
B-10 (cont)														
08/12/04 ²⁴	11.42	5.12	6.30	0.00	0.00		460	<50	<0.5	<0.5	<0.5	<0.5	30	--
11/11/04 ²⁴	11.42	4.65	6.77	0.00	0.00		350	<50	<0.5	<0.5	<0.5	<0.5	30	--
02/10/05 ²⁴	11.42	6.60	4.82	0.00	0.00		580	<50	<0.5	<0.5	<0.5	<0.5	27	--
B-11														
11/29/95	11.98	6.08	5.90	--	--		1,400 ³	2,800	38	<10	26	48	21,000	--
02/08/96	11.98	7.54	4.44	--	--		1,100 ³	<5,000	<50	<50	<50	<50	38,000	--
05/08/96	11.98	6.98	5.00	--	--		1,300 ³	4,100	110	<10	31	25	17,000	--
08/23/96	11.98	6.37	5.61	--	--		820 ³	3,400	160	12	41	13	4,000	--
12/12/96	11.98	6.85	5.13	--	--		1,300 ³	3,700	120	12	<5.0	30	2,200	--
02/10/97	11.98	7.91	4.07	--	--		810 ³	2,300	56	17	<5.0	20	4,700	--
05/01/97	11.98	6.95	5.03	--	--		820 ³	<5,000	<50	<50	<50	<50	21,000	--
08/05/97	11.98	6.38	5.60	--	--		900 ³	3,500	42	<10	<10	<10	4,100	--
10/28/97	11.98	6.30	5.68	--	--		1,300 ³	3,000	39	6.2	8.0	13	2,300	--
02/04/98	11.98	9.39	2.59	--	--		930 ³	1,300	3.2	1.4	<0.5	5.0	46,000	--
06/03/98	11.98	7.53	4.45	--	--		740 ³	860	3.7	1.4	0.84	3.0	34,000	--
07/29/98	11.98	6.80	5.18	--	--		1,400 ³	1,300	6.9	2.5	3.8	2.0	50,000/41,000 ⁶	--
11/30/98	11.98	6.91	5.07	--	--		1,020	<1,000	<10	<10	<10	<10	5,370	--
02/24/99	11.98	7.79	4.19	--	--		2,290 ³	690	4.7	<0.5	2.7	3.1	67,000	--
05/06/99	11.98	7.43	4.55	--	--		580 ³	423	4.66	0.662	<0.5	1.38	20,600	--
08/30/99	11.98	6.18	5.80	--	--		1,120 ³	1,220	31	8.6	<5.0	14	10,900	--
11/17/99	11.98	6.41	5.57	--	--		1,160 ³	2,800	36.6	10.6	8.41	11.6	12,000	--
02/21/00	11.98	7.77	4.21	--	--		730 ³	1,570	12.3	2.71	3.33	12.9	2,980	--
05/08/00	11.98	7.04	4.94	0.00	0.00		220 ¹³	<500	<5.0	<5.0	<5.0	<5.0	8,500	--
08/08/00	11.98	6.79	5.19	0.00	0.00		660 ¹³	2,900 ¹⁰	51	<25	<25	38	10,000	--
11/01/00	11.98	6.72	5.26	0.00	0.00		290 ¹¹	<5,000	<50	<50	<50	<50	29,000	--
02/12/01	11.98	7.24	4.74	0.00	0.00		660 ¹³	1,700 ¹⁰	38	11	11	22	7,800	--
05/14/01	11.98	6.84	5.14	0.00	0.00		430 ¹³	1,200 ¹⁰	29	11	<10	<10	35,000	--
08/13/01	11.98	6.33	5.65	0.00	0.00		910	<5,000	<50	<50	<50	<50	140,000 ¹⁸	--
11/12/01	11.98	6.32	5.66	0.00	0.00		1,400	3,100	14	6.1	8.7	23	6,100	--

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B-11 (cont)													
02/04/02	11.98	7.25	4.73	0.00	0.00	650	1,400	5.6	1.8	2.5	9.3	7,800	--
05/06/02	11.98	7.10	4.88	0.00	0.00	880	480	1.2	0.64	1.3	1.9	1,400	--
08/29/02	11.98	6.44	5.54	0.00	0.00	3,500	1,500	5.4	1.9	2.2	5.8	96,000	--
11/25/02	11.98	6.44	5.54	0.00	0.00	3,700	1,200	2.7	1.0	1.4	7.0	45,000	--
02/05/03	11.98	7.18	4.80	0.00	0.00	2,100	910	2.7	<2.5	<2.5	<7.5	46,000	--
05/15/03	11.98	7.18	4.80	0.00	0.00	2,500	1,100	5.4	<2.5	4.5	11	78,000	--
08/14/03 ²⁴	11.98	6.45	5.53	0.00	0.00	3,600 ²³	840	<50	<50	<50	<50	88,000	--
11/13/03 ²⁴	11.98	6.37	5.61	0.00	0.00	2,300	570	<10	<10	<10	<10	14,000	--
02/12/04 ²⁴	11.98	7.28	4.70	0.00	0.00	4,400	310	<25	<25	<25	<25	29,000	--
05/13/04 ²⁴	11.98	6.95	5.03	0.00	0.00	410 ²³	480	<13	<13	<13	<13	100,000	--
08/12/04 ²⁴	11.98	6.56	5.42	0.00	0.00	3,600	850	<10	<10	<10	<10	83,000	--
11/11/04 ²⁴	11.98	6.05	5.93	0.00	0.00	3,100	570	<10	<10	<10	<10	20,000	--
02/10/05 ²⁴	11.98	7.42	4.56	0.00	0.00	12,000	320	<25	<25	<25	<25	49,000	--
B-12													
11/29/95	11.16	5.15	6.01	--	--	1,800 ³	1,100	10	<10	<10	<10	37,000	--
02/08/96	11.16	6.56	4.60	--	--	1,800 ³	<20,000	<200	<200	<200	<200	88,000	--
05/08/96	11.16	6.08	5.08	--	--	1,800 ³	<25,000	<250	<250	<250	<250	88,000	--
08/23/96	11.16	5.51	5.65	--	--	1,500 ³	630	16	<5.0	<5.0	<5.0	420	--
12/12/96	11.16	6.05	5.11	--	--	1,200 ³	<25,000	<250	<250	<250	<250	54,000	--
02/10/97	11.16	7.05	4.11	--	--	1,200 ³	<20,000	<200	<200	<200	<200	65,000	--
02/10/97 ⁵	11.16	7.05	4.11	--	--	--	--	<500	<500	<500	<500	--	--
05/01/97	11.16	6.17	4.99	--	--	1,100 ³	<12,500	<125	<125	<125	<125	64,000	--
08/05/97	11.16	5.55	5.61	--	--	1,100 ³	<10,000	<100	<100	<100	<100	46,000	--
10/28/97	11.16	5.40	5.76	--	--	1,100 ³	1,400	39	<5.0	7.2	6.0	29,000	--
02/04/98	11.16	8.53	2.63	--	--	4,800 ³	920	6.9	1.1	<0.5	2.8	59,000	--
06/03/98	11.16	6.71	4.45	--	--	2,000 ³	590	9.4	<0.5	0.93	<0.5	15,000	--
07/29/98	11.16	5.91	5.25	--	--	2,200 ³	820	5.6	2.0	3.3	1.2	28,000/33,000 ⁶	--
11/30/98	11.16	6.03	5.13	--	--	1,060	2,110	<10	<10	<10	<10	5,330	--
02/24/99	11.16	7.16	4.00	--	--	2,680 ³	410	0.64	<0.5	2.2	2.3	15,000	--
05/06/99	11.16	6.71	4.45	--	--	3,550 ³	<500	<5.0	<5.0	<5.0	<5.0	1370	<1,000

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
B-12 (cont)													
08/30/99	11.16	5.32	5.84	--	--	1,310 ³	985	12.5	6.0	9.5	10.8	6600	--
11/17/99	11.16	5.73	5.43	--	--	1,060 ³	1,700	14.4	5.99	5.98	<5.0	14,200	--
02/21/00	11.16	6.85	4.31	--	--	430 ³	595	3.49	<0.5	<0.5	4.26	5,100	--
05/08/00	11.16	6.21	4.95	0.00	0.00	340 ¹³	<500	<5.0	<5.0	<5.0	<5.0	2,100	--
08/08/00	11.16	6.01	5.15	0.00	0.00	260 ¹³	410 ¹⁰	3.9	1.5	1.8	4.8	2,000	--
11/01/00	11.16	5.85	5.31	0.00	0.00	130 ¹¹	660 ⁹	6.0	1.9	2.8	2.9	4,600	--
02/12/01	11.16	6.27	4.89	0.00	0.00	280 ¹¹	550 ¹⁰	14	<5.0	5.0	<5.0	2,000	--
05/14/01	11.16	6.05	5.11	0.00	0.00	280 ¹³	770 ¹⁰	7.6	5.0	0.80	4.8	1,400	--
08/13/01	11.16	5.52	5.64	0.00	0.00	500	730 ¹⁰	10	<5.0	6.1	<5.0	2,700	--
11/12/01	11.16	5.40	5.76	0.00	0.00	900	1,700	2.2	1.1	7.6	9.2	1,400	--
02/04/02	11.16	6.45	4.71	0.00	0.00	440	1,100	2.0	1.0	2.0	2.8	310	--
05/06/02	11.16	6.28	4.88	0.00	0.00	340	660	<1.0	<1.0	<1.0	<1.0	96	--
08/29/02	11.16	5.67	5.49	0.00	0.00	1,000	1,700	5.6	3.9	4.2	<15	530	--
11/25/02	11.16	5.58	5.58	0.00	0.00	890	2,300	<5.0	1.8	3.5	<10	320	--
02/05/03	11.16	6.40	4.76	0.00	0.00	770	1,600	<10	<2.5	<2.5	<7.5	270	--
05/15/03	11.16	6.40	4.76	0.00	0.00	1,500	1,800	<2.5	<2.5	2.6	<7.5	280	--
08/14/03 ²⁴	11.16	5.68	5.48	0.00	0.00	1,000 ²³	2,000	1	0.7	0.9	2	300	--
11/13/03 ²⁴	11.16	5.48	5.68	0.00	0.00	390	790	<0.5	<0.5	1	1	36	--
02/12/04 ²⁴	11.16	6.44	4.72	0.00	0.00	210	94	<0.5	<0.5	<0.5	<0.5	8	--
05/13/04 ²⁴	11.16	6.24	4.92	0.00	0.00	60 ²³	<50	<0.5	<0.5	<0.5	<0.5	2	--
08/12/04 ²⁴	11.16	5.75	5.41	0.00	0.00	130	290	<0.5	<0.5	<0.5	<0.5	61	--
11/11/04 ²⁴	11.16	5.26	5.90	0.00	0.00	160	180	<0.5	<0.5	<0.5	<0.5	5	--
02/10/05 ²⁴	11.16	6.62	4.54	0.00	0.00	130	<50	<0.5	<0.5	<0.5	<0.5	5	--
B-13													
11/29/95	11.17	5.26	5.91	--	--	3,400 ³	1,800	19	<5.0	5.5	<5.0	7,400	--
02/08/96	11.17	6.72	4.45	--	--	450 ³	910	12	1.3	2.0	1.9	77	--
05/08/96	11.17	6.20	4.97	--	--	560 ³	140	1.9	<0.5	0.88	2.0	98	--
08/23/96	11.17	5.54	5.63	--	--	1,300 ³	1,300	<10	<10	<10	<10	450	--
12/12/96	11.17	5.91	5.26	--	--	1,300 ³	2,600	29	5.4	9.40	6.3	230	--
02/10/97	11.17	7.05	4.12	--	--	290 ³	670	<0.5	6.7	2.6	5.6	28	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
					REMOVED (gallons)									
B-13 (cont)														
05/01/97	11.17	6.17	5.00	--	--	--	480 ³	920	8.5	4.6	2.1	6.1	530	--
08/05/97	11.17	5.52	5.65	--	--	--	1,300 ³	1,900	23	<5.0	<5.0	<5.0	860	--
10/28/97	11.17	5.49	5.68	--	--	--	2,200 ³	2,400	33	14	8.4	10	2100	--
02/04/98	11.17	8.48	2.69	--	--	--	260 ³	110	<0.5	<0.5	<0.5	<0.5	260	--
06/03/98	11.17	6.79	4.38	--	--	--	480 ³	<50	<0.5	<0.5	<0.5	<0.5	400	--
07/29/98	11.17	6.12	5.05	--	--	--	830 ³	350	5.0	<0.5	0.67	1.2	730/980 ⁶	--
11/30/98	11.17	6.16	5.01	--	--	--	741	168	0.797	<0.5	<0.5	<0.5	114	--
02/24/99	11.17	7.14	4.03	--	--	--	670 ³	69	<0.5	<0.5	<0.5	<0.5	530	--
05/06/99	11.17	6.72	4.45	--	--	--	540 ³	<500	<5.0	<5.0	<5.0	<5.0	454	--
08/30/99	11.17	5.43	5.74	--	--	--	927 ³	748	13.7	<2.5	4.53	10.6	377	--
11/17/99	11.17	5.58	5.59	--	--	--	1,310 ³	1,240	24.6	8.96	<5.0	20.2	1,900	--
02/21/00	11.17	6.93	4.24	--	--	--	200 ³	443	2.11	0.908	1.89	2.89	254	--
05/08/00	11.17	6.35	4.82	0.00	0.00		240 ¹¹	190 ¹⁰	<0.50	0.68	1.7	1.1	190	--
08/08/00	11.17	6.18	4.99	0.00	0.00		100 ¹³	150 ¹⁰	0.84	1.2	1.3	2.6	44	--
11/01/00	11.17	5.96	5.21	0.00	0.00		290 ¹⁴	560 ⁹	4.9	1.4	4.7	11	1,100	--
02/12/01	11.17	6.41	4.76	0.00	0.00		210 ¹³	160 ¹⁰	5.4	1.3	2.1	2.5	200	--
05/14/01	11.17	6.19	4.98	0.00	0.00		130 ¹¹	240 ¹⁰	3.7	2.2	0.92	3.2	66	--
08/13/01	11.17	5.62	5.55	0.00	0.00		750	560 ¹⁰	13	6.4	<5.0	<5.0	690	--
11/12/01	11.17	5.46	5.71	0.00	0.00		2,100	3,500	9.2	8.1	16	25	700	--
02/04/02	11.17	6.62	4.55	0.00	0.00		320	430	1.7	0.54	1.0	1.8	91	--
05/06/02	11.17	6.44	4.73	0.00	0.00		430	<50	<0.50	<0.50	<0.50	<0.50	22	--
08/29/02	11.17	5.82	5.35	0.00	0.00		1,600	660	<2.0	1.1	0.82	2.2	320	--
11/25/02	11.17	5.69	5.48	0.00	0.00		1,600	1,800	3.3	2.8	4.4	<10	520	--
02/05/03	11.17	6.56	4.61	0.00	0.00		550	410	1.1	0.60	<2.0	1.6	94	--
05/15/03	11.17	6.59	4.58	0.00	0.00		760	250	<2.0	<0.5	0.9	<1.5	41	--
08/14/03 ²⁴	11.17	5.84	5.33	0.00	0.00		1,200 ²³	610	1	0.9	1	2	300	--
11/13/03 ²⁴	11.17	5.61	5.56	0.00	0.00		1,500	810	0.6	0.5	1	1	63	--
02/12/04 ²⁴	11.17	6.58	4.59	0.00	0.00		180	<50	<0.5	<0.5	<0.5	<0.5	10	--
05/13/04 ²⁴	11.17	6.42	4.75	0.00	0.00		<50 ²³	<50	<0.5	<0.5	<0.5	<0.5	7	--
08/12/04 ²⁴	11.17	5.91	5.26	0.00	0.00		260	<50	<0.5	<0.5	<0.5	<0.5	8	--
11/11/04 ²⁴	11.17	5.52	5.65	0.00	0.00		240	<50	<0.5	<0.5	<0.5	<0.5	24	--
02/10/05 ²⁴	11.17	6.77	4.40	0.00	0.00		150	<50	<0.5	<0.5	<0.5	<0.5	4	--

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Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
B-14													
08/29/02 ²¹	9.54	5.12	4.42	0.00	0.00	930	<50	<0.50	<0.50	<0.50	<1.5	1,400	--
11/25/02	9.54	5.14	4.40	0.00	0.00	1,200	<50	<0.50	<0.50	<0.50	<1.5	1,100	--
02/05/03	9.54	5.56	3.98	0.00	0.00	580	<50	<0.50	<0.50	<0.50	<1.5	1,400	--
05/15/03	9.54	5.69	3.85	0.00	0.00	1,000	<50	<0.5	<0.5	<0.5	<1.5	1,500	--
08/14/03 ²⁴	9.54	5.07	4.47	0.00	0.00	<250 ²³	<50	<0.5	<0.5	<0.5	<0.5	1,100	--
11/13/03 ²⁴	9.54	5.04	4.50	0.00	0.00	1,800	<50	<0.5	<0.5	<0.5	<0.5	530	--
02/12/04 ²⁴	9.54	5.56	3.98	0.00	0.00	2,000	59	<0.5	<0.5	<0.5	<0.5	1,000	--
05/13/04 ²⁴	9.54	5.47	4.07	0.00	0.00	390 ²³	<50	<1	<1	<1	<1	1,800	--
08/12/04 ²⁴	9.54	5.26	4.28	0.00	0.00	750	<50	<0.5	<0.5	<0.5	<0.5	1,100	--
11/11/04 ²⁴	9.54	4.76	4.78	0.00	0.00	2,100	<50	<0.5	<0.5	<0.5	<0.5	910	--
02/10/05²⁴	9.54	5.82	3.72	0.00	0.00	2,500	78	<1	<1	<1	<1	1,600	--
B-15													
08/29/02 ²¹	9.43	5.25	4.18	0.00	0.00	<130	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
11/25/02	9.43	5.22	4.21	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/05/03	9.43	5.86	3.57	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/03	9.43	5.88	3.55	0.00	0.00	<50	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/14/03 ²⁴	9.43	5.30	4.13	0.00	0.00	<50 ²³	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/13/03 ²⁴	9.43	5.14	4.29	0.00	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	0.8	--
02/12/04 ²⁴	9.43	5.84	3.59	0.00	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/13/04 ²⁴	9.43	5.62	3.81	0.00	0.00	<50 ²³	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/12/04 ²⁴	9.43	5.22	4.21	0.00	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/11/04 ²⁴	9.43	4.79	4.64	0.00	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/10/05²⁴	9.43	6.02	3.41	0.00	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
TRIP BLANK													
01/06/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/23/93	--	--	--	--	--	--	--	--	--	--	--	--	--
07/19/93	--	--	--	--	--	--	--	--	--	--	--	--	--
10/19/93	--	--	--	--	--	--	<50	<0.5	0.5	<0.5	<0.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (fL)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
TRIP BLANK (cont)													
01/17/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/18/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/15/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/01/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/29/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/08/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/08/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/23/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/12/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/10/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/01/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/05/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/28/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/04/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/12/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/03/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/29/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
11/30/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
02/24/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/06/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/30/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
11/17/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/21/00	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/08/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/08/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
11/01/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
02/12/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/14/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/13/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--

Table 1
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Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
QA													
11/12/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/04/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/06/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/29/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
11/25/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/05/03	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/15/03	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/14/03 ²⁴	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/13/03 ²⁴	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/12/04 ²⁴	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/13/04 ²⁴	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/12/04 ²⁴	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/11/04 ²⁴	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/10/05 ²⁴	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

Table 1
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Chevron Service Station #9-0290
1802 Webster Street
Alameda, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 8, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing (ft.) = Feet	TPH-D = Total Petroleum Hydrocarbons as Diesel TPH-G = Total Petroleum Hydrocarbons as Gasoline	MTBE = Methyl tertiary butyl ether TOG = Total Oil and Grease (ppb) = Parts per billion
GWE = Groundwater Elevation (msl) = Mean sea level	B = Benzene T = Toluene	-- = Not Measured/Not Analyzed
DTW = Depth to Water	E = Ethylbenzene	NP = No Purge
SPHT = Separate Phase Hydrocarbon Thickness	X = Xylenes	QA = Quality Assurance/Trip Blank

- * TOC elevations were surveyed on September 26, 2002, by Virgil Chavez Land Surveying. The benchmark for this survey was a brass disk in a monument well at the mid return of the northwest corner of Webster St. and Buena Vista Ave., (Benchmark Elevation = 11.09 feet NGVD 29).
- ** GWE has been corrected due to the presence of SPH; correction factor: [(TOC - DTW) + (SPHT x 0.80)].
- 1 Chromatogram pattern indicates a non-diesel mix.
- 2 Analytical values are in parts per million (ppm).
- 3 Chromatogram pattern indicates an unidentified hydrocarbon.
- 4 Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.
- 5 EPA Method 8240.
- 6 Confirmation run.
- 7 Hydrocarbon pattern appears to be weathered.
- 8 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons >C10.
- 9 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.
- 10 Laboratory report indicates gasoline C6-C12.
- 11 Laboratory report indicates unidentified hydrocarbons C9-C24.
- 12 Laboratory report indicates unidentified hydrocarbons >C16.
- 13 Laboratory report indicates unidentified hydrocarbons <C16.
- 14 Laboratory report indicates unidentified hydrocarbons C9-C40.
- 15 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 16 Well obstructed by roots.
- 17 Laboratory report indicates TPH-G, B, T, E, X and MTBE was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.
- 18 Laboratory report indicates sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.
- 19 Laboratory report indicates sample was run past holding time.
- 20 Obstruction in well at 11.46 feet.
- 21 Well development performed.

Table 1
Groundwater Monitoring Data and Analytical Results
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Alameda, California

EXPLANATIONS: (cont)

- ²² Laboratory report indicates the analysis was performed from a previously opened vial and the results are therefore estimated.
- ²³ TPH-D with silica gel cleanup.
- ²⁴ BTEX and MTBE by EPA Method 8260.
- ²⁵ TOC has been altered due to well repair. Unable to determine an accurate GWE.

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