RO - 163

Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 6549
Moraga, California 94570
Phone: (925) 299-8891
Fax: (925) 299-8872

June 21, 2004

Mr. Don Hwang
Alameda County Health Care Services Agency
1131 HArbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Second Quarter 2004 Groundwater Monitoring Report
Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue
Oakland, California
URS Project# 38486727

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:

Paul Supple
Environmental Business Manager

URS

June 21, 2004

Mr. Don Hwang
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Second Quarter 2004 Monitoring Report
Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue
Oakland, California
URS Project #38486727

Dear Mr. Hwang:

On behalf of Atlantic Richfield Company (RM), a BP affiliated company, URS Corporation (URS) is submitting the *Second Quarter 2004 Groundwater Monitoring Report* for the Former Atlantic Richfield Company Service Station #6002, located at 6235 Seminary Avenue, Oakland, California.

If you have any questions regarding this submission, please call (510) 874-3280.

Sincerely,

URS CORPORATION

REGISTERED GEOLOGIST
JAMES F. DURKIN
No. 759
CERTIFIED HYDROGEOLOGIST
Exp 2/28/05
STATE OF CALIFORNIA

Scott Robinson
Project Manager

James F. Durkin, C.Hg.
Senior Geologist

Enclosure: Second Quarter 2004 Groundwater Monitoring Report

cc: Mr. Paul Supple, RM, (electronic copy uploaded to ENFOS)

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

REPORT

SECOND QUARTER 2004 GROUNDWATER MONITORING

FORMER ATLANTIC RICHFIELD COMPANY
SERVICE STATION #6002
6235 SEMINARY AVENUE
OAKLAND, CALIFORNIA

Prepared for
Atlantic Richfield Company

June 21, 2004

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

38486727

Date: June 21, 2004

Quarter: 2Q 04

ATLANTIC RICHFIELD COMPANY QUARTERLY GROUNDWATER MONITORING REPORT

Former Facility No.:	6002	Address:	6235 Seminary Avenue, Oakland, California
RM Environmental Business Manager:			Paul Supple
Consulting Co./Contact Person:			URS Corporation / Scott Robinson
Consultant Project No.:			38486727
Primary Agency			Alameda County Health Care Services Agency (ACHCSA)

WORK PERFORMED THIS QUARTER (Second – 2004):

1. Performed second quarter 2004 groundwater monitoring event on May 4, 2004.
2. Prepared and submitted second quarter 2004 groundwater monitoring report.
3. Performed well repairs on MW-4 and MW-5 on April 15, 2004 (Attachment D).

WORK PROPOSED FOR NEXT QUARTER (Third – 2004):

1. Perform third quarter 2004 groundwater monitoring event.
2. Prepare and submit third quarter 2004 groundwater monitoring report.

Current Phase of Project:	GW monitoring/sampling
Frequency of Groundwater Sampling:	Annual (3rd quarter): MW-3, MW-4, MW-6, MW-7, and MW-8 Quarterly: MW-5, VW-1, and VW-4
Frequency of Groundwater Monitoring:	Quarterly
Is Free Product (FP) Present On-Site:	No
Bulk Soil Removed to Date :	Approximately 370 cubic yards of TPH impacted soil
Current Remediation Techniques:	Natural Attenuation
Approximate Depth to Groundwater:	7.30 (VW-1) to 12.65 (MW-5) feet
Groundwater Gradient (direction):	Southwest
Groundwater Gradient (magnitude):	0.06 feet per foot

DISCUSSION:

Gasoline Range Organics (GRO) were detected above laboratory reporting limits in two of the three wells sampled this quarter at concentrations of 130 µg/L (VW-4) and 5,800 µg/L (MW-5). Benzene was detected above the laboratory reporting limits in one well at a concentration of 0.71 µg/L (VW-1). Methyl-tert-Butyl Ether (MTBE) was detected above laboratory reporting limits in three wells at concentrations ranging from 11 µg/L (VW-1) to 130 µg/L (MW-5). Tert-Butyl Alcohol (TBA) was detected above the laboratory reporting limit in one well at a concentration of 1,500 µg/L (VW-4). Ethyl-tert-Butyl Ether (ETBE) was detected above the laboratory reporting limit in one well at a concentration of 1.3 µg/L (VW-4).

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – May 5, 2004
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Groundwater Flow Direction and Gradient
- Table 3 – Fuel Oxygenate Analytical Data
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports and Chain-of-Custody Records
- Attachment C – EDCC and EDF/Geowell Submittal Confirmation
- Attachment D – Well Repair Data Sheets

SEMINARY AVENUE

OVERDALE AVENUE

SUNNYMERE AVENUE

SIDEWALK

DRIVEWAY

SIDEWALK

DRIVEWAY

Gate

Gate

6150

6152

6154

6209
(APTS.)

6217
(APTS.)

GARAGE

GRAVEL

CONCRETE

CONCRETE

PLANTER

planter

MW-4
236.98
NS
NS
NS
A(3)

MW-5
237.90
5,800
ND<2.5
130
Q

MW-7
230.63
NS
NS
NS
A(3)

MW-8
236.79
NS
NS
NS
A(3)

4' block wall (Typ.)

Elevation 8' lower than ARCO property

8" block wall

Approximate property line (Typ.)

6166

6174

6267

Garage

Gate

SERVICE ISLAND

SERVICE STATION BUILDING

VW-3
243.41
NS
NS
NS

AS-1

VW-4
242.62
130
1.0
66
Q

VW-2
NA
NS
NS
NS

VW-1
245.89
ND<50
0.71
11
Q

MW-3
245.60
NS
NS
NS
A(3)

MW-1

MW-2

Former UST and concrete pad

DRIVEWAY

0.060

240.0

235.0

245.0

580 ON RAMP

580 ON RAMP

250.0

0.053

MW-6
250.51
NS
NS
NS
A(3)

EXPLANATION

- Monitoring well
- Decommissioned monitoring well
- Vapor extraction well
- Air sparge well
- Well ID / ELEV / GRO / Benzene / MTBE / Q or A — Well designation; Groundwater elevation (ft above MSL); Concentration of GRO, Benzene and MTBE in groundwater (µg/L); Sampling frequency
- NA — Not available, well casing
- NS — Not sampled
- ND< — Not detected at or above laboratory reporting limits
- A(3) — Sampled annually during 3rd quarter
- Q — Sampled quarterly
- 250.0 — Groundwater elevation contour (ft/MSL)
- 0.053 — Approximate groundwater flow direction and gradient (ft/ft)

N

0 15 30 60

Scale (ft)

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

URS	Project No. 38486727 Former ARCO Service Station #6002 6235 Seminary Avenue Oakland, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP Second Quarter 2004 (May 4, 2004)	FIGURE 1

Jun 18, 2004 - 3:40pm
X:\x_env_waste\BP GEM\Sites\Scott Robinson\Paul Supple\6002\Monitoring\Qtr. 2, 2004\GWEC-AS_5-6-6002.dwg

Table 1
Groundwater Elevation and Analytical Data

Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue, Oakland, California

Well Number	Date Sampled	Purge/ Not Purged	TOC Elevation (ft-MSL)	Top of Screen (ft., bgs)	Bottom of Screen (ft., bgs)	Well Depth (ft., bgs)	Depth to Water (ft.)	FP Thickness (ft.)	Groundwater Elevation (ft-MSL)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8021B* (µg/L)	MTBE 8260 (µg/L)	Dissolved Oxygen[5] (mg/L)	pH Level[5]
MW-3	03/15/95		248.35	5.00	NA	24.40	6.76	0.00	241.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
	05/30/95						7.81	0.00	240.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
	09/01/95						8.65	0.00	239.70	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	11/13/95						8.25	0.00	240.10	120	45	0.7	ND<0.5	6.2	--	--	--	--
	02/23/96						6.64	0.00	241.71	ND<50	ND<0.5	ND<0.5	0.6	1.9	ND<3	--	--	--
	05/10/96						7.95	0.00	240.40	Not sampled: well sampled annually, during the first quarter								
	08/09/96						8.06	0.00	240.29	Not sampled: well sampled annually, during the first quarter								
	11/08/96						NR	NR	NR	Not sampled: inaccessible								
	03/21/97						8.21	0.00	240.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	05/27/97						8.25	0.00	240.10	Not sampled: well sampled annually, during the first quarter								
	08/05/97						8.29	0.00	240.06	Not sampled: well sampled annually, during the first quarter								
	10/29/97						8.58	0.00	239.77	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	02/25/98						7.69	0.00	240.66	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	05/12/98						8.20	0.00	240.15	Not sampled: well sampled annually, during the first quarter								
	07/28/98						8.55	0.00	239.80	Not sampled: well sampled annually, during the first quarter								
	10/27/98						8.30	0.00	240.05	Not sampled: well sampled annually, during the first quarter								
	02/08/99						7.90	0.00	240.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	06/01/99						8.40	0.00	239.95	Not sampled: well sampled annually, during the first quarter								
	08/25/99						8.49	0.00	239.86	Not sampled: well sampled annually, during the first quarter							1.67	1.67
	10/29/99						8.52	0.00	239.83	Not sampled: well sampled annually, during the first quarter							6.90	6.90
	02/16/00	NP					8.03	0.00	240.32	ND<50	ND<0.5	0.8	ND<0.5	ND<1	ND<3	--	8.51	8.51
	06/23/00						7.55	0.00	240.80	Not sampled: well sampled annually, during the first quarter							2.10	2.10
	08/17/00						8.65	0.00	239.70	Not sampled: well sampled annually, during the first quarter							1.10	1.10
	11/10/00						7.19	0.00	241.16	Not sampled: well sampled annually, during the first quarter								
	02/12/01	NP					8.60	0.00	239.75	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	0.81	0.81
	04/13/01						6.13	0.00	242.22	Not sampled: well sampled annually, during the first quarter								
	07/18/01						6.47	0.00	241.88	Not sampled: well sampled annually, during the first quarter								
	10/01/01						6.99	0.00	241.36	Not sampled: well sampled annually, during the first quarter								
	01/14/02	NP					5.47	0.00	242.88	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	--
	04/03/02						6.95	0.00	241.40	Not sampled: well sampled annually, during the first quarter								
	08/08/02						8.78	0.00	239.57	Not sampled: well sampled annually, during the first quarter								
	11/27/02						8.52	0.00	239.83	Not sampled: well sampled annually, during the first quarter								
	02/10/03[4]	NP					8.40	0.00	239.95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	0.7	6.4
	06/03/03						8.40	0.00	239.95	Not sampled: well sampled annually, during the first quarter								
	08/14/03						8.60	0.00	239.75	Not sampled: well sampled annually, during the first quarter								
	11/13/03						8.41	0.00	239.94	Not sampled: well sampled annually, during the third quarter								
	2/13/2004[6]		253.88				8.40	0.00	245.48	Not sampled: well sampled annually, during the third quarter								
	05/04/04	**NP**					**8.28**	**0.00**	**245.60**	**Not sampled: well sampled annually, during the third quarter**								

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Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue, Oakland, California

Well Number	Date Sampled	Purge/ Not Purged	TOC Elevation (ft-MSL)	Top of Screen (ft., bgs)	Bottom of Screen (ft., bgs)	Well Depth (ft., bgs)	Depth to Water (ft.)	FP Thickness (ft.)	Groundwater Elevation (ft-MSL)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8021B* (µg/L)	MTBE 8260 (µg/L)	Dissolved Oxygen[5] (mg/L)	pH Level[5]
MW-4	03/15/95		242.91	4.50	NA	24.00	9.37	0.00	233.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
	05/30/95						11.47	0.00	231.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
	09/01/95						12.28	0.00	230.63	78	ND<0.5	0.7	ND<0.5	ND<0.5	ND<3	--	--	--
	11/13/95						11.75	0.00	231.16	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
	02/23/96						8.51	0.00	234.40	59	1.2	7.4	1.6	9.3	3	--	--	--
	05/10/96						11.35	0.00	231.56	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	08/09/96						9.70	0.00	233.21	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	11/08/96						11.79	0.00	231.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	03/21/97						10.94	0.00	231.97	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	81	--	--	--
	05/27/97						11.51	0.00	231.40	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	08/05/97						11.90	0.00	231.01	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	10/29/97						12.00	0.00	230.91	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	02/25/98						8.34	0.00	234.57	ND<50	ND<0.5	0.9	ND<0.5	0.9	4	--	--	--
	05/12/98						10.93	0.00	231.98	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	07/28/98						12.08	0.00	230.83	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	10/27/98						11.40	0.00	231.51	ND<5,000	ND<50	ND<50	160	64	6,400	--	--	--
	02/08/99						8.40	0.00	234.51	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	06/01/99	NP					11.93	0.00	230.98	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	4.0	4.0
	08/25/99	NP					12.21	0.00	230.70	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	1.29	1.29
	10/29/99	NP					12.37	0.00	230.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	--	1.50	1.50
	02/16/00	NP					7.45	0.00	235.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	--	2.38	2.38
	06/23/00	NP					12.31	0.00	230.60	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	2.80	2.80
DUP	08/17/00						--	--	--	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	--	--
	08/17/00	NP					11.92	0.00	230.99	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	2.38	2.38
	11/10/00	NP					10.80	0.00	232.11	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	1.55	1.55
	02/12/01	NP					11.65	0.00	231.26	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	1.12	1.12
	04/13/01	NP					8.17	0.00	234.74	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	--	--
DUP	04/13/01						--	--	--	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	--	--
	07/18/01	NP					8.51	0.00	234.40	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	--
	10/01/01	NP					8.71	0.00	234.20	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	--
	01/14/02	NP					7.13	0.00	235.78	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	--
DUP	01/14/02						--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	--
	04/03/02	NP					10.1	0.00	232.81	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	--
	08/08/02	NP					12.64	0.00	230.27	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	2.4	8.1
	11/27/02	NP					12.01	0.00	230.90	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	4.7	2.5	6.5
	02/10/03[4]	NP					11.22	0.00	231.69	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	0.8	6.6
	06/03/03	NP					11.54	0.00	231.37	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	3.9	6.0
	08/14/03	NP					12.41	0.00	230.50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	1.8	6.3
	11/13/03						11.64	0.00	231.27	Not sampled: well sampled annually, during the third quarter								
	2/13/2004[6]		248.62				10.28	0.00	238.34	Not sampled: well sampled annually, during the third quarter								
	05/04/04						**12.04**	**0.00**	**236.58**	**Not sampled: well sampled annually, during the third quarter**								

Table 1
Groundwater Elevation and Analytical Data

Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue, Oakland, California

Well Number	Date Sampled	Purge/ Not Purged	TOC Elevation (ft-MSL)	Top of Screen (ft., bgs)	Bottom of Screen (ft., bgs)	Well Depth (ft., bgs)	Depth to Water (ft.)	FP Thickness (ft.)	Groundwater Elevation (ft-MSL)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8021B* (µg/L)	MTBE 8260 (µg/L)	Dissolved Oxygen[5] (mg/L)	pH Level[5]
MW-5	03/15/95		244.82	5.00	NA	24.40	11.99	0.00	232.83	21,000	870	22	1,600	1,900	--	--	--	--
	05/30/95						12.97	0.00	231.85	17,000	2,100	250	1,000	520	--	--	--	--
	09/01/95						14.03	0.00	230.79	19,000	1,500	25	1,600	880	8,300	--	--	--
	11/13/95						13.65	0.00	231.17	21,000	1,300	22	1,400	630	--	--	--	--
	02/23/96						11.93	0.00	232.89	27,000	1,300	ND<50	1,600	1,500	730	--	--	--
	05/10/96						13.05	0.00	231.77	17,000	460	21	760	480	1,000	--	--	--
	08/09/96						13.22	0.00	231.60	16,000	420	14	870	390	1,500	--	--	--
	11/08/96						NR	NR	NR	Not sampled: well inaccessible								
	03/21/97						13.24	0.00	231.58	18,000	110	ND<50	730	1,500	1,800	--	--	--
	05/27/97						13.10	0.00	231.72	21,000	86	ND<20	810	610	1,700	--	--	--
	08/05/97						13.14	0.00	231.68	340	2.2	ND<0.5	15	8.8	39	--	--	--
	10/29/97						13.03	0.00	231.79	19,000	130	ND<20	1,400	620	1,700	--	--	--
	02/25/98						11.33	0.00	233.49	8,500	19	13	190	100	170	--	--	--
	05/12/98						12.81	0.00	232.01	10,000	34	ND<10	390	220	610	--	--	--
	07/28/98						13.12	0.00	231.70	15,000	68	ND<10	690	620	1,000	--	--	--
	10/27/98						12.90	0.00	231.92	15,000	60	ND<10	770	400	890	--	--	--
	02/08/99						11.08	0.00	233.74	8,200	23	ND<10	290	120	ND<60	--	--	--
	06/01/99	NP					12.95	0.00	231.87	11,000	33	3.3	340	180	580	--	1.0	1.0
	08/25/99	NP					12.99	0.00	231.83	9,200	26	14	420	270	1,100	--	0.37	0.37
	10/29/99	NP					13.10	0.00	231.72	11,000	19	9.8	260	150	590	--	1.27	1.27
	02/16/00	NP					8.21	0.00	236.61	12,000	8.1	10	340	160	130	--	1.42	1.42
	06/23/00	NP					12.90	0.00	231.92	9,680	38.0	ND<20.0	212	114	930	--	1.40	1.40
	08/17/00	NP					13.00	0.00	231.82	10,500	15.0	7.98	223	118	430	--	0.68	0.68
	11/10/00	NP					12.50	0.00	232.32	7,030	19.7	ND<10.0	190	43.6	445	--	1.27	1.27
	02/12/01	NP					12.81	0.00	232.01	8,840	33.9	ND<10.0	186	56.4	352	--	0.40	0.40
	04/13/01	NP					11.31	0.00	233.51	9,020	54.2	43.3	137	96.0	297	--	--	--
	07/18/01	NP					11.59	0.00	233.23	13,000	19	10	110	49	230	--	--	--
	10/01/01	NP					11.84	0.00	232.98	8,500	6.9	ND<1.0	87	27	220	--	--	--
	01/14/02	NP					10.75	0.00	234.07	9,500	ND<20	ND<20	140	22	ND<200	--	--	--
	04/03/02	NP					12.50	0.00	232.32	2,400	21	ND<5.0	91	8.5	130	--	--	--
DUP	04/03/02	NP					--	--	--	2,700	24.0	5.1	92	8.5	130	--	--	--
	08/08/02	NP					12.83	0.00	231.99	2,000	ND<20	ND<20	48	ND<20	520	--	0.8	6.9
	11/27/02	NP					12.79	0.00	232.03	2,200	ND<10	ND<10	33	ND<10	--	150	0.8	6.4
	02/10/03[4]	NP					12.62	0.00	232.20	2,600	ND<2.5	ND<2.5	47	4.2	--	100	0.7	6.6
	06/03/03	NP					12.41	0.00	232.41	2,400	ND<5.0	ND<5.0	26	ND<5.0	--	160	1.8	6.3
	08/14/03						NR	NR	NR	Not sampled: well inaccessible								
	11/13/03	NP					12.49	0.00	232.33	1,900	ND<5.0	ND<5.0	13	ND<5.0	--	90	0.9	6.4
	2/13/2004[6]	NP	250.55				12.38	0.00	238.17	1,400	1.4	1.9	23	3.6	--	90	1.1	6.7
	05/04/04	**NP**					**12.65**	**0.00**	**237.90**	**5,800**	**ND<2.5**	**ND<2.5**	**13**	**ND<2.5**	--	**130**	1.1	**6.3**

Table 1
Groundwater Elevation and Analytical Data

Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue, Oakland, California

Well Number	Date Sampled	Purge/ Not Purged	TOC Elevation (ft-MSL)	Top of Screen (ft., bgs)	Bottom of Screen (ft., bgs)	Well Depth (ft., bgs)	Depth to Water (ft.)	FP Thickness (ft.)	Groundwater Elevation (ft-MSL)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8021B* (µg/L)	MTBE 8260 (µg/L)	Dissolved Oxygen[5] (mg/L)	pH Level[5]
MW-6	06/29/95		NR	17.00	NA	30.00	6.63	0.00	NR	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
	09/01/95		NR				NR	NR	NR	Not sampled								
	11/13/95		NR				7.70	0.00	NR	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	02/23/96		NR				9.82	0.00	NR	ND<50	ND<0.5	0.8	ND<0.5	0.6	ND<3	--	--	--
	05/10/96		NR				15.25	0.00	NR	Not sampled: well sampled annually, during the first quarter								
	08/09/96		252.20				11.11	0.00	241.09	Not sampled: well sampled annually, during the first quarter								
	11/08/96						9.31	0.00	242.89	Not sampled: well sampled annually, during the first quarter								
	03/21/97						9.40	0.00	242.80	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	05/27/97						7.08	0.00	245.12	Not sampled: well sampled annually, during the first quarter								
	08/05/97						7.12	0.00	245.08	Not sampled: well sampled annually, during the first quarter								
	10/29/97						7.42	0.00	244.78	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	02/25/98						10.35	0.00	241.85	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	05/12/98						15.83	0.00	236.37	Not sampled: well sampled annually, during the first quarter								
	07/28/98						11.84	0.00	240.36	Not sampled: well sampled annually, during the first quarter								
	10/27/98						9.73	0.00	242.47	Not sampled: well sampled annually, during the first quarter								
	02/08/99						8.10	0.00	244.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	06/01/99						17.84	0.00	234.36	Not sampled: well sampled annually, during the first quarter								
	08/25/99						11.00	0.00	241.20	Not sampled: well sampled annually, during the first quarter							0.77	0.77
	10/29/99						9.03	0.00	243.17	Not sampled: well sampled annually, during the first quarter							3.42	3.42
	02/16/00	P					7.71	0.00	244.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	--	2.42	2.42
	06/23/00						6.69	0.00	245.51	Not sampled: well sampled annually, during the first quarter							2.30	2.30
	08/17/00						6.95	0.00	245.25	Not sampled: well sampled annually, during the first quarter							2.51	2.51
	11/10/00						11.79	0.00	240.41	Not sampled: well sampled annually, during the first quarter								
	02/12/01	P					7.35	0.00	244.85	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	1.66	1.66
DUP	02/12/01						--	--	--	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	--	--
	04/13/01						10.52	0.00	241.68	Not sampled: well sampled annually, during the first quarter								
	07/18/01						11.03	0.00	241.17	Not sampled: well sampled annually, during the first quarter								
	10/01/01						11.31	0.00	240.89	Not sampled: well sampled annually, during the first quarter								
	01/14/02	P					9.87	0.00	242.33	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	--
	04/03/02						12.19	0.00	240.01	Not sampled: well sampled annually, during the first quarter								
	08/08/02						7.04	0.00	245.16	Not sampled: well sampled annually, during the first quarter								
	11/27/02						6.85	0.00	245.35	Not sampled: well sampled annually, during the first quarter								
	02/10/03[4]	NP					6.74	0.00	245.46	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	1.1	7.4
	06/03/03						14.35	0.00	237.85	Not sampled: well sampled annually, during the first quarter								
	08/14/03						10.74	0.00	241.46	Not sampled: well sampled annually, during the first quarter								
	11/13/03						10.68	0.00	241.52	Not sampled: well sampled annually, during the third quarter								
	2/13/2004[6]		257.94				7.38	0.00	250.56	Not sampled: well sampled annually, during the third quarter								
	05/04/04						**7.43**	**0.00**	**250.51**	**Not sampled: well sampled annually, during the third quarter**								

Table 1
Groundwater Elevation and Analytical Data

Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue, Oakland, California

Well Number	Date Sampled	Purge/ Not Purged	TOC Elevation (ft-MSL)	Top of Screen (ft., bgs)	Bottom of Screen (ft., bgs)	Well Depth (ft., bgs)	Depth to Water (ft.)	FP Thickness (ft.)	Groundwater Elevation (ft-MSL)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8021B* (µg/L)	MTBE 8260 (µg/L)	Dissolved Oxygen[5] (mg/L)	pH Level[5]
MW-7	08/09/96		235.95	8.50	NA	13.30	NR	NR	NR	Not sampled: well was dry								
	11/08/96						NR	NR	NR	Not sampled: well was dry								
	01/27/97						NR	NR	NR	2,900	29	ND<5	ND<5	580	220	--	--	--
	03/21/97						7.13	0.00	228.82	590	3.5	ND<0.5	ND<0.5	1.3	90	--	--	--
	05/27/97						9.02	0.00	226.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	08/05/97						12.33	0.00	223.62	110	0.5	ND<0.5	ND<0.5	0.8	81	--	--	--
	10/29/97						NR	NR	NR	Not sampled: well was dry								
	02/25/98						8.04	0.00	227.91	ND<50	ND<0.5	0.6	ND<0.5	0.7	ND<3	--	--	--
	05/12/98						8.88	0.00	227.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	07/28/98						10.50	0.00	225.45	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	10/27/98						8.75	0.00	227.20	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	02/08/99						9.35	0.00	226.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	06/01/99	NP					9.85	0.00	226.10	250	ND<0.5	0.6	ND<0.5	1.6	18	--	1.0	1.0
	08/25/99	NP					11.31	0.00	224.64	119	ND<0.5	5.7	ND<0.5	ND<0.5	11	--	0.41	0.41
	10/29/99	NP					9.08	0.00	226.87	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	--	1.29	1.29
	02/25/00	NP					8.02	0.00	227.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	38	--	2.10	2.10
	06/23/00	NP					10.68	0.00	225.27	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	14.4	--	1.60	1.60
	08/17/00	NP					11.85	0.00	224.10	70.0	ND<0.500	0.678	ND<0.500	1.07	14.2	--	1.59	1.59
	11/10/00	NP					9.62	0.00	226.33	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	1.09	1.09
	02/12/01	NP					12.10	0.00	223.85	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	0.84	0.84
	04/13/01	P					7.95	0.00	228.00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	--	--
	07/18/01	P					8.20	0.00	227.75	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	--
	10/01/01	NP					8.59	0.00	227.36	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	--
	01/14/02	P					6.93	0.00	229.02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	--
	04/03/02	P					8.31	0.00	227.64	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	--
	08/08/02	P					12.11	0.00	223.84	Not sampled: insufficient water/recharge for purge/sample								
	11/27/02	NP					13.01	0.00	222.94	Not sampled: insufficient water								
	02/10/03[4]	NP					10.02	0.00	225.93	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	1.5	6.7
	06/03/03	NP					6.82	0.00	229.13	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	8.1	6.8
	08/14/03	P					8.16	0.00	227.79	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	2.8	6.7
	11/13/03						8.07	0.00	227.88	Not sampled: well sampled annually, during the third quarter								
	2/13/2004[6]		241.64				7.62	0.00	234.02	Not sampled: well sampled annually, during the third quarter								
	05/04/04						**11.01**	**0.00**	**230.63**	**Not sampled: well sampled annually, during the third quarter**								

Table 1
Groundwater Elevation and Analytical Data

Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue, Oakland, California

Well Number	Date Sampled	Purge/ Not Purged	TOC Elevation (ft-MSL)	Top of Screen (ft., bgs)	Bottom of Screen (ft., bgs)	Well Depth (ft., bgs)	Depth to Water (ft.)	FP Thickness (ft.)	Groundwater Elevation (ft-MSL)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8021B* (µg/L)	MTBE 8260 (µg/L)	Dissolved Oxygen[5] (mg/L)	pH Level[5]
MW-8	08/09/96		240.37	5.50	NA	13.90	9.41	0.00	230.96	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	11/08/96						9.19	0.00	231.18	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	03/21/97						8.55	0.00	231.82	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	05/27/97						11.06	0.00	229.31	91	0.6	ND<0.5	ND<0.5	0.6	66	--	--	--
	08/05/97						9.32	0.00	231.05	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	10/29/97						9.35	0.00	231.02	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	02/25/98						7.08	0.00	233.29	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	05/12/98						8.61	0.00	231.76	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	07/28/98						9.63	0.00	230.74	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4	--	--	--
	10/27/98						9.30	0.00	231.07	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	02/08/99						5.56	0.00	234.81	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	06/01/99						NR	NR	NR	Not sampled: well inaccessible								
	08/25/99						NR	NR	NR	Not sampled: well inaccessible								
	10/29/99						NR	NR	NR	Not sampled: well inaccessible								
	02/16/00						NR	NR	NR	Not sampled: well inaccessible								
	06/23/00	NP					9.45	0.00	230.92	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	1.90	1.90
	08/17/00	NP					6.40	0.00	233.97	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	2.56	2.56
	11/10/00	NP					6.25	0.00	234.12	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	1.93	1.93
DUP	11/10/00						--	--	--	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	--	--
	02/12/01	NP					8.11	0.00	232.26	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	1.65	1.65
	04/13/01	P					5.19	0.00	235.18	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	--	--	--
	07/18/01	NP					5.55	0.00	234.82	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	--
	10/01/01	NP					6.41	0.00	233.96	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	--
	01/14/02	P					5.07	0.00	235.30	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	--	--
	04/03/02	P					8.60	0.00	231.77	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	--
	08/08/02	P					9.58	0.00	230.79	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	1.7	7.0
	11/27/02	P					9.15	0.00	231.22	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	3.1	6.7
	02/10/03[4]	P					8.55	0.00	231.82	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	1.3	6.6
	06/03/03	P					8.72	0.00	231.65	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	9.1	6.3
	08/14/03	P					9.52	0.00	230.85	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	5.5	6.4
	11/13/03						9.45	0.00	230.92	Not sampled: well sampled annually, during the third quarter								
	2/13/2004[6]		246.09				8.38	0.00	237.71	Not sampled: well sampled annually, during the third quarter								
	05/04/04						**9.30**	**0.00**	**236.79**	**Not sampled: well sampled annually, during the third quarter**								

Table 1
Groundwater Elevation and Analytical Data

Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue, Oakland, California

Well Number	Date Sampled	Purge/ Not Purged	TOC Elevation (ft-MSL)	Top of Screen (ft., bgs)	Bottom of Screen (ft., bgs)	Well Depth (ft., bgs)	Depth to Water (ft.)	FP Thickness (ft.)	Groundwater Elevation (ft-MSL)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8021B* (µg/L)	MTBE 8260 (µg/L)	Dissolved Oxygen[5] (mg/L)	pH Level[5]
VW-1	02/23/96		NR	6.00	NA	13.50	5.29	0.00	NR	21,000	490	57	520	1,500	240	--	--	--
	05/10/96		NR				6.80	0.00	NR	3,700	61	ND<5	100	50	200	--	--	--
	08/09/96		NR				7.03	0.00	NR	970	2.7	ND<2.5	2.7	3.7	180	--	--	--
	11/08/96		NR				NR	NR	NR	Not sampled: well inaccessible								
	03/21/97		NR				7.51	0.00	NR	640	ND<4	ND<1	1	3	194	--	--	--
	05/27/97		NR				7.51	0.00	NR	Not sampled: well sampled semi-annually, during the first and third quarters								
	08/05/97		NR				7.51	0.00	NR	630	ND<1	ND<1	3	2	120	--	--	--
	10/29/97		NR				7.53	0.00	NR	600	ND<0.5	ND<0.5	ND<0.5	1.6	84	--	--	--
	02/25/98		NR				6.77	0.00	NR	230	ND<4	ND<0.7	1.2	0.5	27	--	--	--
	05/12/98		NR				7.43	0.00	NR	340	ND<0.5	0.5	2.3	0.8	29	--	--	--
	07/28/98		NR				7.00	0.00	NR	240	ND<0.5	ND<0.5	ND<0.5	1.1	54	--	--	--
	10/27/98		NR				7.52	0.00	NR	230	ND<0.5	ND<0.5	ND<0.5	ND<0.5	65	--	--	--
	02/08/99		NR				7.05	0.00	NR	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	36[3]	--	--
	06/01/99	NP	NR				7.55	0.00	NR	180	ND<0.5	ND<0.5	ND<0.5	ND<0.5	23	--	1.0	1.0
	08/25/99	NP	NR				7.66	0.00	NR	130	ND<0.5	5.6	ND<0.5	ND<0.5	40	--	0.39	0.39
	10/29/99	NP	NR				7.59	0.00	NR	200	1.0	ND<0.5	0.6	1.6	36	--	0.89	0.89
	02/16/00	NP	NR				7.03	0.00	NR	210	ND<0.5	0.9	2.2	1.9	11	--	1.41	1.41
	06/23/00	NP	NR				7.71	0.00	NR	175	1.04	ND<0.500	ND<0.500	ND<0.500	14.4	--	1.90	1.90
	08/17/00	NP	NR				7.75	0.00	NR	180	ND<0.500	ND<0.500	0.622	0.760	23.7	--	0.63	0.63
	11/10/00	NP	NR				6.83	0.00	NR	157	0.955	ND<0.500	0.973	ND<0.500	32.5	--	1.03	1.03
	02/12/01	NP	NR				7.85	0.00	NR	273	0.627	ND<0.500	ND<0.500	0.507	9.19	--	0.47	0.47
	04/13/01	P	NR				5.11	0.00	NR	213	ND<0.500	ND<0.500	ND<0.500	ND<0.500	6.38	--	--	--
	07/18/01	P	NR				5.39	0.00	NR	270	ND<0.50	ND<0.50	ND<0.50	ND<0.50	20	--	--	--
	10/01/01	NP	NR				6.50	0.00	NR	200	ND<0.50	ND<0.50	ND<0.50	0.81	14	--	--	--
	01/14/02	P	NR				5.04	0.00	NR	110	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.4	--	--	--
	04/03/02	P	NR				7.51	0.00	NR	91	0.72	ND<0.50	ND<0.50	ND<0.50	12.0	--	--	--
	08/08/02	P	NR				9.58	0.00	NR	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	33.0	--	0.6	6.3
	11/27/02	P	NR				7.42	0.00	NR	52	0.72	0.78	ND<0.50	ND<0.50	--	21	1.0	6.1
	02/10/03[4]	NP	NR				7.38	0.00	NR	52	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	11	1.7	6.5
	06/03/03	P	NR				7.30	0.00	NR	71	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	13	3.3	6.3
	08/14/03	P	NR				7.59	0.00	NR	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	18	0.3	6.1
	11/13/03	P	NR				7.43	0.00	NR	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	13	0.6	6.1
	2/13/2004[6]	P	253.19				7.35	0.00	245.84	59	ND<0.50	ND<0.50	ND<0.50	0.56	--	8	1.0	6.0
	05/04/04	**P**					**7.30**	**0.00**	**245.89**	**ND<50**	**0.71**	**ND<0.50**	**ND<0.50**	**0.60**	--	**11**	**0.1**	**6.4**
VW-3	08/08/02		NR	NA	NA	NA	8.85	0.00	NR	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.5	--	0.7	6.1
	11/27/02		NR				8.80	0.00	NR	Not sampled: well not part of sampling program								
	02/10/03[4]		NR				8.41	0.00	NR	Not sampled: well not part of sampling program								
	06/03/03		NR				8.71	0.00	NR	Not sampled: well not part of sampling program								
	08/14/03		NR				8.81	0.00	NR	Not sampled: well not part of sampling program								
	11/13/03		NR				8.75	0.00	NR	Not sampled: well not part of sampling program								
	2/13/2004[6]		252.26				8.48	0.00	243.78	Not sampled: well not part of sampling program								
	05/04/04						**8.85**	**0.00**	**243.41**	**Not sampled: well not part of sampling program**								

Table 1
Groundwater Elevation and Analytical Data

Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue, Oakland, California

Well Number	Date Sampled	Purge/ Not Purged	TOC Elevation (ft-MSL)	Top of Screen (ft., bgs)	Bottom of Screen (ft., bgs)	Well Depth (ft., bgs)	Depth to Water (ft.)	FP Thickness (ft.)	Groundwater Elevation (ft-MSL)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8021B* (µg/L)	MTBE 8260 (µg/L)	Dissolved Oxygen[5] (mg/L)	pH Level[5]
VW-4	05/10/96		NR	6.00	NA	15.00	8.58	0.00	NR	13,000	2,500	41	420	660	43,000	--	--	--
	08/09/96		NR				11.70	0.00	NR	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	6,200	--	--	--
	11/08/96		NR				9.38	0.00	NR	7,800	510	7	180	370	21,000	--	--	--
	03/21/97		NR				9.11	0.00	NR	10,000	290	10	270	230	8,900	--	--	--
	05/27/97		NR				9.34	0.00	NR	Not sampled: well sampled semi-annually, during the first and third quarters								
	08/05/97		NR				9.47	0.00	NR	ND<10,000	180	ND<100	ND<100	110	12,000	--	--	--
	10/29/97		NR				9.35	0.00	NR	9,800	200	69	260	360	4,900	--	--	--
	02/25/98		NR				7.08	0.00	NR	ND<50	2.5	ND<0.5	ND<0.5	0.7	ND<3	--	--	--
	05/12/98		NR				9.17	0.00	NR	3,200	ND<20	22	29	52	2,100	--	--	--
	07/28/98		NR				9.55	0.00	NR	ND<10,000	ND<100	ND<100	ND<100	ND<100	5,100	--	--	--
	10/27/98		NR				9.92	0.00	NR	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--		
	02/08/99		NR				7.50	0.00	NR	ND<2,500	ND<25	ND<25	28	ND<25	2,400	3,100 [3]	--	--
	06/01/99	NP	NR				9.87	0.00	NR	2,100	2.5	1.1	2.5	15	3,300	--	2.0	2.0
	08/25/99	NP	NR				9.78	0.00	NR	1,300	4.4	4.9	1.7	2.9	4,600	--	0.36	0.36
	10/29/99	NP	NR				9.93	0.00	NR	1,400	ND<0.5	1.8	1.6	3.0	4,200	--	1.18	1.18
	02/16/00	NP	NR				7.45	0.00	NR	1,800	ND<0.5	2.9	15	10	3,400	--	1.01	1.01
DUP 1	06/23/00		--				--	--	--	1,260	ND<2.00	ND<2.00	ND<2.00	2.73	2,720	--	--	--
	06/23/00	NP	NR				9.74	0.00	NR	1,360	ND<2.00	2.26	ND<2.00	2.25	4,900	--	1.50	1.50
	08/17/00	NP	NR				9.95	0.00	NR	2,230	ND<10.0	ND<10.0	ND<10.0	ND<10.0	5,310	--	1.13	1.13
	11/10/00	NP	NR				9.22	0.00	NR	1,390	18.5	ND<5.00	ND<5.00	ND<5.00	8,840	--	1.25	1.25
	02/12/01	NP	NR				8.99	0.00	NR	1,400	9.42	ND<2.00	17.8	16.1	3,570	--	0.91	0.91
	04/13/01	NP	NR				7.80	0.00	NR	556	3.82	ND<1.25	ND<1.25	ND<1.25	2,450	--	--	--
	07/18/01	NP	NR				7.73	0.00	NR	2,100	9.2	ND<2.0	ND<2.0	ND<2.0	3,700	--	--	--
DUP 1	07/18/01		--				--	--	--	2,000	8.7	2.2	ND<2.0	ND<2.0	3,400	--	--	--
	10/01/01	NP	NR				6.69	0.00	NR	2,000	ND<10	ND<10	ND<10	13	5,900	--	--	--
DUP	10/01/01		--				--	--	--	1,800	ND<10	ND<10	ND<10	ND<10	5,800	--	--	--
	01/14/02	P	NR				5.93	0.00	NR	580	ND<2.0	ND<2.0	ND<2.0	ND<2.0	2,700	--	--	--
	04/03/02	NP	NR				9.6	0.00	NR	1,400	5.2	16.0	ND<5.0	9.6	2,200	--	--	--
	08/08/02		NR				10.01	0.00	NR	Not sampled: well not part of sampling program								
	11/27/02	P	NR				10.30	0.00	NR	ND<10,000	ND<100	ND<100	ND<100	ND<100	--	3,800	1.7	6.7
	02/10/03[4]	NP	NR				10.06	0.00	NR	ND<5,000	ND<50	ND<50	ND<50	ND<50	--	2,500	1.0	6.8
	06/03/03	P	NR				10.04	0.00	NR	ND<1,000	ND<10	ND<10	ND<10	ND<10	--	440	1.9	6.6
	08/14/03	P	NR				9.66	0.00	NR	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	170	0.8	6.7
	11/13/03	P	NR				10.01	0.00	NR	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	130	1.7	6.4
	2/13/2004[6]	P	252.69				9.34	0.00	243.35	330	ND<2.5	ND<2.5	ND<2.5	3.0	--	210	2.0	6.6
	05/04/04	**P**					**10.07**	**0.00**	**242.62**	**130**	**ND<1.0**	**ND<1.0**	**ND<1.0**	**ND<1.0**	--	**66**	**1.2**	**6.8**

Table 1
Groundwater Elevation and Analytical Data

Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue, Oakland, California

Well Number	Date Sampled	Purge/ Not Purged	TOC Elevation (ft-MSL)	Top of Screen (ft., bgs)	Bottom of Screen (ft., bgs)	Well Depth (ft., bgs)	Depth to Water (ft.)	FP Thickness (ft.)	Groundwater Elevation (ft-MSL)	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE 8021B* (µg/L)	MTBE 8260 (µg/L)	Dissolved Oxygen[5] (mg/L)	pH Level[5]
MW-1	03/15/95		247.06				7.37	0.00	239.69	13,000	1,200	44	770	1,100	--	--	--	--
	05/30/95		247.06				8.48	0.00	238.58	19,000	1,600	30	890	1,400	--	--	--	--
	09/01/95		247.06				9.47	0.00	237.59	14,000	1,300	28	480	780	24,000	--	--	--
	11/13/95		247.06				8.78	0.01	238.29 [1]	11,000	570	17	260	410	--	25,000 [2]	--	--
	02/23/96		247.06				Well was decommissioned on 2-12-96											
MW-2	03/15/95		249.30				8.25	0.00	241.05	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
	05/30/95		249.30				9.93	0.00	239.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
	09/01/95		249.30				10.69	0.00	238.61	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	--	--
	11/13/95		249.30				10.32	0.00	238.98	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
	02/23/96		249.30				Well was decommissioned on 2-12-96											
VW-2	02/23/96		NR				6.92	0.00	NR	Not sampled: well not part of sampling program								
	08/08/02		NR				10.51	0.00	NR	Not sampled: well not part of sampling program								
AS-1	06/29/95		NR				9.20	0.00	NR	ND<50	1.6	ND<0.5	0.9	0.9	--	--	--	--

Table 1
Groundwater Elevation and Analytical Data

Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue, Oakland, California

Abbreviation

- -	= not analyzed, not available, or not applicable
*	= EPA method 8020 prior to 10/29/99
µg/L	= micrograms per liter
BTEX	= Benzene, toluene, ethylbenzene, xylenes by EPA method 8260B (EPA method 8021B from 10/29/99 to 2/10/03, and 8020 prior to 10/29/99).
DUP	= duplicate
ft-MSL	= elevation in feet, relative to mean sea level
GRO	= Gasoline Range Organics, C4- C12 Range
mg/L	= milligrams per liter
MTBE	= Methyl tertiary butyl ether
ND<	= not detected at or above the laboratory reporting limit
NR	= not reported; data not available or not measurable
NP	= Not purged prior to sampling.
P	= Purged prior to sampling.
TOC	= Top of Casing
TPH-g	= Total petroleum hydrocarbons as gasoline by modified EPA method 8260B (EPA Method 8015M prior to 2/10/03).
1	= [corrected elevation (Z')] = Z + (h * 0.73) where: Z: measured elevation, h: floating product thickness, 0.73: density ratio of oil to water
2	= analyzed by EPA method 8240
3	= also analyzed for fuel oxygenates
4	=TPH-g, BTEX and MTBE analyzed by EPA method 8260B beginning on 1st quarter 2003 sampling event
5	= Dissolved oxygen and pH levels are field measurements.
6	= Well Surveyed to NAVD'88 datum on 1/27/04.

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

Notes: For previous historical groundwater elevation data please refer to Fourth Quarter 1995 Groundwater Monitoring Program Results, ARCO Service Station 6002, Oakland, California, (EMCON, February 23, 1996)

Beginning Fourth Quarter 2003, the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (TPGg) has been changed to Gasoline Range Organics (GRO). The resulting data may be impacted by the impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported. Beginning Second Quarter 2004, the carbon range was changed from C6 to C10 to C4 to C12.

Table 2
Groundwater Flow Direction and Gradient

Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue, Oakland, California

Date Measured	Average Flow Direction	Average Hydraulic Gradient
03/15/95	West-Southwest	0.08
05/30/95	West-Southwest	0.08
09/01/95	West-Southwest	0.09
11/13/95	West-Southwest	0.08
02/23/96	West-Southwest	0.08
05/10/96	West-Southwest	0.08
08/09/96	Southwest	0.08
11/08/96	Southwest	0.055
03/21/97	West-Southwest	0.051
05/27/97	West-Southwest	0.069
08/05/97	West	0.076
10/29/97	West-Southwest	0.036
02/25/98	West-Southwest	0.052
05/12/98	West	0.07
07/28/98	West	0.07
10/27/98	West-Southwest	0.06
02/08/99	West-Southwest	0.07
06/01/99	West-Northwest	0.07
08/25/99	West-Southwest	0.07
10/29/99	West	0.07
02/16/00	Southwest	0.05
06/23/00	West	0.042
08/17/00	West	0.087
11/10/00	West-Southwest	0.080
02/12/01	West-Southwest	0.074
04/13/01	West	0.085
07/18/01	West	0.075
10/01/01	West-Southwest	0.083
01/14/02	West-Southwest	0.072
04/03/02	West-Southwest	0.084
08/08/02	West-Southwest	0.088
11/27/02	West-Southwest	0.075
02/10/03	Southwest	0.062
06/03/03	West	0.069
08/14/03	West-Southwest	0.066
11/13/03	West-Southwest	0.066
02/13/04	Southwest	0.053
05/04/04	**Southwest**	**0.060**

Source:

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

Table 3
Fuel Oxygenate Analytical Data

Former Atlantic Richfield Company Service Station #6002
6235 Seminary Avenue
Oakland, California

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)
MW-3	02/10/03	ND<40	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
MW-4	02/10/03	ND<40	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
	06/03/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
	08/14/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-5	02/10/03	ND<200	ND<100	100	ND<0.50	ND<0.50	ND<0.50	NA	NA
	06/03/03	ND<1,000	ND<200	160	ND<5.0	ND<5.0	ND<5.0	NA	NA
	11/13/03	ND<1,000	ND<200	90	ND<5.0	ND<5.0	ND<5.0	NA	NA
	02/13/04	ND<200	41	90	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
	05/04/04	**ND<500**	**ND<100**	**130**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**ND<2.5**
MW-6	02/10/03	ND<40	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
MW-7	02/10/03	ND<40	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
	06/03/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
	08/14/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-8	02/10/03	ND<40	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
	06/03/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
	08/14/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
VW-1	02/10/03	ND<40	ND<20	11	ND<0.50	ND<0.50	ND<0.50	NA	NA
	06/03/03	ND<100	ND<20	13	ND<0.50	ND<0.50	ND<0.50	NA	NA
	08/14/03	ND<100	ND<20	18	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	11/13/03	ND<100	ND<20	13	ND<0.50	ND<0.50	ND<0.50	NA	NA
	02/13/04	ND<100	ND<20	8.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	05/04/04	**ND<100**	**ND<20**	**11**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**
VW-4	02/10/03	ND<4,000	ND<2,000	2,500	ND<0.50	ND<0.50	ND<0.50	NA	NA
	06/03/03	ND<2,000	4,100	440	ND<10	ND<10	ND<10	NA	NA
	08/14/03	ND<1,000	3,200	170	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
	11/13/03	ND<1,000	3,300	130	ND<5.0	ND<5.0	ND<5.0	NA	NA
	02/13/04	ND<500	1,300	210	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
	05/04/04	**ND<200**	**1,500**	**66**	**ND<1.0**	**1.3**	**ND<1.0**	**ND<1.0**	**ND<1.0**

Note = All fuel oxygenate compounds analyzed using EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane
DIPE = Di-isopropyl ether
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert butyl ether
µg/L = micrograms per liter
MTBE = Methyl tert-butyl ether
NA = Not analyzed
ND< = Not detected at or above the laboratory reporting limit
TAME = tert-Amyl methyl ether
TBA = tert-Butyl alcohol

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 # 040505-PC1 Date 5/4/04 Client SR6002

Site 6235 Seminary Ave., Oakland

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-3	4					8.28	24.33	TOC	G.O.
MW-4	4					12.04	24.13		G.O.
MW-5	4					12.65	24.48		NA@5'
MW-6	2					7.43	32.02		G.O.
MW-7	2					11.01	13.02		G.O.
MW-8	2					9.30	13.99		G.O.
~~MW-1~~	4					7.30	13.90		~~G.O~~
VW-3	4					8.85	14.08		G.O.
VW-4	4					10.07 ~~11.85~~	14.85		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040505-DC1	Station # 6082
Sampler: PC	Date: 5/5/04
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 24.48	Depth to Water: 12.65
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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	radius² * 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: 5'

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

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume Gals.
		NoPurge		

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
955	66.5	6.3	621	-	clear

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time: 955		Sampling Date: 5/5/04	
Sample I.D.: MW-5		Laboratory: Pace (Sequoia) Other____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D	Other: Oxy's, EDB, 1,2-DCA, Ethanol		
D.O. (if req'd):	Pre-purge: ____ mg/L	Post-purge: 1.1	mg/L
O.R.P. (if req'd):	Pre-purge: ____ mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040504-PC1	Station # 6002
Sampler: PC	Date: 5/5/04
Well I.D.: VW-1	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 13.90	Depth to Water: 7.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) 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.

4.3 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 12.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1013	66.7	6.3	656	4.5	clear
1015	66.2	6.4	660	9	↓
1016	65.8	6.4	644	13.5	

Did well dewater? Yes (No) Gallons actually evacuated: 12.5

Sampling Time: 1022 Sampling Date: 5/5/04

Sample I.D.: VW-1 Laboratory: Pace (Sequoia) Other _____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxy's, EDB, 1,2-DCA & Ethanol

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge):	0.1 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040505-PC1	Station # 6002
Sampler: PC	Date: 5/5/04
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 14.85	Depth to Water: 10.07
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC 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.

3.2 (1 Case Volume (Gals.)) X 5 (Specified Volumes) = 17 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or uS)	Gals. Removed	Observations
1034	66.1	6.7	705	3.5	cloudy
1035	well dewatered @ 5 gals.				
1042	67.0	6.8	718		

Did well dewater? Yes / No — Gallons actually evacuated: 5.

Sampling Time: 1042 site departure — Sampling Date: 5/5/04

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

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Oxys, EDB, 1,2-DCA & Ethanol by 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.2 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:

6002
Station #

6235 Seminary Ave., Oakland
Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

17.5

added equip.
rinse water 2.5

any other
adjustments

TOTAL GALS. RECOVERED 20

loaded onto
BTS vehicle # 22

BTS event # 040505-PG1

time 1100

date 5/5/04

signature

* *

REC'D AT

time

date

__/__/__

unloaded by
signature

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 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

28 May, 2004

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

RE: ARCO #6002, Oakland, CA
Work Order: MNE0144

Enclosed are the results of analyses for samples received by the laboratory on 05/05/04 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #6002, Oakland, CA	MNE0144
1333 Broadway, Suite 800	Project Number: INTRIM-50675	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	05/28/04 13:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	MNE0144-01	Water	05/05/04 09:55	05/05/04 16:30
VW-1	MNE0144-02	Water	05/05/04 10:22	05/05/04 16:30
VW-4	MNE0144-03	Water	05/05/04 10:42	05/05/04 16:30
TB-6002-5052004	MNE0144-04	Water	05/05/04 11:00	05/05/04 16:30

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 no custody seals.

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #6002, Oakland, CA	MNE0144
1333 Broadway, Suite 800	Project Number: INTRIM-50675	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	05/28/04 13:30

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MNE0144-01) Water Sampled: 05/05/04 09:55 Received: 05/05/04 16:30									
Ethanol	ND	500	ug/l	5	4E19003	05/19/04	05/19/04	EPA 8260B	
tert-Butyl alcohol	ND	100	"	"	"	"	"	"	
Methyl tert-butyl ether	**130**	2.5	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	**13**	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**5800**	250	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*78-129*		"	"	"	"	
VW-1 (MNE0144-02) Water Sampled: 05/05/04 10:22 Received: 05/05/04 16:30									
Ethanol	ND	100	ug/l	1	4E19003	05/19/04	05/19/04	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	**11**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	**0.71**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.60**	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*78-129*		"	"	"	"	

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #6002, Oakland, CA	MNE0144
1333 Broadway, Suite 800	Project Number: INTRIM-50675	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	05/28/04 13:30

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
VW-4 (MNE0144-03) Water Sampled: 05/05/04 10:42 Received: 05/05/04 16:30									
Ethanol	ND	200	ug/l	2	4E19003	05/19/04	05/19/04	EPA 8260B	
tert-Butyl alcohol	**1500**	40	"	"	"	"	"	"	
Methyl tert-butyl ether	**66**	1.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	**1.3**	1.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**130**	100	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*78-129*		"	"	"	"	

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URS Corporation [Arco]	Project: ARCO #6002, Oakland, CA	MNE0144
1333 Broadway, Suite 800	Project Number: INTRIM-50675	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	05/28/04 13:30

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 4E19003 - EPA 5030B P/T										
Blank (4E19003-BLK1)				Prepared & Analyzed: 05/19/04						
Ethanol	ND	100	ug/l							
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*4.74*		"	*5.00*		*94.8*	*78-129*			
Laboratory Control Sample (4E19003-BS1)				Prepared & Analyzed: 05/19/04						
Ethanol	349	100	ug/l	400		87.2	31-186			
tert-Butyl alcohol	100	20	"	100		100	0-206			
Methyl tert-butyl ether	15.8	0.50	"	20.0		79.0	63-137			
Di-isopropyl ether	17.9	0.50	"	20.0		89.5	76-130			
Ethyl tert-butyl ether	18.1	0.50	"	20.0		90.5	61-141			
tert-Amyl methyl ether	18.8	0.50	"	20.0		94.0	56-140			
1,2-Dichloroethane	19.5	0.50	"	20.0		97.5	77-136			
1,2-Dibromoethane (EDB)	19.8	0.50	"	20.0		99.0	77-132			
Benzene	18.4	0.50	"	20.0		92.0	78-124			
Toluene	18.6	0.50	"	20.0		93.0	78-129			
Ethylbenzene	20.2	0.50	"	20.0		101	84-117			
Xylenes (total)	61.9	0.50	"	60.0		103	83-125			
Surrogate: 1,2-Dichloroethane-d4	*4.52*		"	*5.00*		*90.4*	*78-129*			

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #6002, Oakland, CA	MNE0144
1333 Broadway, Suite 800	Project Number: INTRIM-50675	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	05/28/04 13:30

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 4E19003 - EPA 5030B P/T										
Laboratory Control Sample (4E19003-BS2)				Prepared & Analyzed: 05/19/04						
Gasoline Range Organics (C4-C12)	440	50	ug/l	440		100	70-124			
Surrogate: 1,2-Dichloroethane-d4	*4.99*		"	*5.00*		*99.8*	*78-129*			
Laboratory Control Sample Dup (4E19003-BSD1)				Prepared & Analyzed: 05/19/04						
Ethanol	379	100	ug/l	400		94.8	31-186	8.24	37	
tert-Butyl alcohol	101	20	"	100		101	0-206	0.995	22	
Methyl tert-butyl ether	15.8	0.50	"	20.0		79.0	63-137	0.00	13	
Di-isopropyl ether	17.7	0.50	"	20.0		88.5	76-130	1.12	9	
Ethyl tert-butyl ether	18.3	0.50	"	20.0		91.5	61-141	1.10	9	
tert-Amyl methyl ether	18.7	0.50	"	20.0		93.5	56-140	0.533	12	
1,2-Dichloroethane	19.2	0.50	"	20.0		96.0	77-136	1.55	13	
1,2-Dibromoethane (EDB)	19.7	0.50	"	20.0		98.5	77-132	0.506	9	
Benzene	18.4	0.50	"	20.0		92.0	78-124	0.00	12	
Toluene	18.8	0.50	"	20.0		94.0	78-129	1.07	10	
Ethylbenzene	21.2	0.50	"	20.0		106	84-117	4.83	10	
Xylenes (total)	63.4	0.50	"	60.0		106	83-125	2.39	11	
Surrogate: 1,2-Dichloroethane-d4	*4.93*		"	*5.00*		*98.6*	*78-129*			
Laboratory Control Sample Dup (4E19003-BSD2)				Prepared & Analyzed: 05/19/04						
Gasoline Range Organics (C4-C12)	470	50	ug/l	440		107	70-124	6.59	20	
Surrogate: 1,2-Dichloroethane-d4	*5.03*		"	*5.00*		*101*	*78-129*			

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #6002, Oakland, CA	MNE0144
1333 Broadway, Suite 800	Project Number: INTRIM-50675	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	05/28/04 13:30

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Chain of Custody Record

MNE0144

Page 1 of 1

Project Name 6002 GWM
BP BU/GEM CO Portfolio Retail
BP Laboratory Contract Number: Atlantic Richfield Company
Date: 5/5/04 Requested Due Date (mm/dd/yy) 14 day TAT

On-site Time: 845 Temp: 65°F
Off-site Time: 1100 Temp: 70°F
Sky Conditions: Clear
Meteorological Events: None
Wind Speed: Direction:

Send To:	BP/GEM Facility No.: ARCO 6002	Consultant/Contractor: URS
Lab Name: SEQUOIA	BP/GEM Facility Address: 6235 Seminary Ave, OAKLAND, CA	Address: 1333 Broadway, Suite 800
Lab Address: 885 Jarvis Dr.	Site ID No. ARCO 6002	Oakland, CA 94612
Morgan Hill, CA 95037	Site Lat/Long:	e-mail EDD: donna_cosper@URSCorp.com
	California Global ID #: T0600100105	Consultant/Contractor Project No.: 15-00006002.01 00427
Lab PM Lisa Race	BP/GEM PM Contact: PAUL SUPPLE	Consultant Tele/Fax: 510-893-3600/510-874-3268
Tele/Fax: 408-776-9600 / 408-782-6308	Address: P.O. Box 6549	Consultant/Contractor PM: Scott Robinson
Report Type & QC Level: 1 Send EDF Reports	Moraga, CA 94570	Invoice to: Consultant/Contractor or BP/GEM (Circle one)
BP/GEM Account No.:	Tele/Fax: 925-299-8891/925-299-8872	BP/GEM Work Release No: INTRIM -50675

Lab Bottle Order No:

Item No.	Sample Description	Time	Matrix: Soil/Solid	Water/Liquid	Sediments	Air	Laboratory No.	No. of containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	Requested Analysis: GRO / BTEX (8015/8021 or 8260)	DRO w/SGC (8015)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE DIPE, TBA (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-5	955		X			01	3				X	X				X	X	X	
2	MW-1	1022		X			02	3				X	X				X	X	X	
3	MW-4	1042		X			03	3				X	X				X	X	X	
4	TB-6002 5052004	1100		X			04	2												04-11
5																				
6																				
7																				
8																				
9																				
10																				

Sampler's Name: P. Garnish	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Blaine Tech		5/5/04	1440		5/5/04	1440
Shipment Date:		5/5/04	1630		5504	1630
Shipment Method:						
Air Tracking No:						

Instructions: Address Invoice to BP/GEM but send to URS for approval

Ice Chest Present Yes X No Temperature Blank Yes X No Cooler Temperature on Receipt 4.4 °F/C Trip Blank Yes X No

White Copy - Laboratory / Yellow Copy - BP/GEM / Pink Copy - Consultant/Contractor

BP COC Rev. 1 2/5/03

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
REC. BY (PRINT) RS
WORKORDER: MNE0144

DATE REC'D AT LAB: 5-5-04
TIME REC'D AT LAB: 1630
DATE LOGGED IN: 5-7-04

DRINKING WATER for regulatory purposes: YES / (NO)
WASTE WATER for regulatory purposes: YES / (NO)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*	01		MW-5	3-VOAs	HCl	L	5-5-04	lot HA 407030
2. Chain-of-Custody (Present) / Absent*	02		VW-1	↓	↓	↓	↓	
3. Traffic Reports or Packing List: Present / (Absent)	03		VW-4	↓	↓	↓	↓	
4. Airbill: Airbill / Sticker (Present) / Absent	04		TB-LOW-050504	2-VOAs	↓	↓	↓	
5. Airbill #:								
6. Sample Labels: (Present) / Absent								
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition: (Intact) / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*								
10. Sample received within hold time: (Yes) / No*								
11. Adequate sample volume received? (Yes) / No*								
12. Proper Preservatives used: (Yes) / No*								
13. Temp Rec. at Lab: 4.4°C Is temp 4 +/-2°C? (Yes) / No**								

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

5-5-04 RS

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

RL rv 4.xls
sion 4 (11/10/03)
es Revision 3 (03/18/03)
11/10/03

ATTACHMENT C

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Error Summary Log

05/31/04

EDF 1.2i All files present in deliverable.

Laboratory:	Sequoia Analytical Laboratories, Inc., Morgan Hill, CA
Project Name:	ARCO #6002, Oakland, CA
Work Order Number:	MNE0144
Global ID:	T0600100105
Lab Report Number:	MNE0144052820041330

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
MNE01440528200 41330	MW-5	MNE014401	W	CS	8260FA	SW5030B	05/05/04	05/19/04	05/19/04	4E19003	1	
MNE01440528200 41330	VW-1	MNE014402	W	CS	8260FA	SW5030B	05/05/04	05/19/04	05/19/04	4E19003	1	
MNE01440528200 41330	VW-4	MNE014403	W	CS	8260FA	SW5030B	05/05/04	05/19/04	05/19/04	4E19003	1	
		4E19003BSD1	WQ	BD1	8260FA	SW5030B	/ /	05/19/04	05/19/04	4E19003	1	
		4E19003BSD2	WQ	BD2	8260FA	SW5030B	/ /	05/19/04	05/19/04	4E19003	1	
		4E19003BS1	WQ	BS1	8260FA	SW5030B	/ /	05/19/04	05/19/04	4E19003	1	
		4E19003BS2	WQ	BS2	8260FA	SW5030B	/ /	05/19/04	05/19/04	4E19003	1	
		4E19003BLK1	WQ	LB1	8260FA	SW5030B	/ /	05/19/04	05/19/04	4E19003	1	

EDFSAMP: Error Summary Log

05/31/04

Error type	Logcode	Projname	Npdlwo	Sampid	Matrix
There are no errors in this data file					

EDFTEST: Error Summary Log

05/31/04

Error type	Labsampid	Qccode	Anmcode	Exmcode	Anadate	Run number
There are no errors in this data file					/ /	0

EDFRES: Error Summary Log

05/31/04

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	MNE014401	CS	W	8260FA	PR	05/19/04	1	BZ
Warning: extra parameter	MNE014401	CS	W	8260FA	PR	05/19/04	1	BZME
Warning: extra parameter	MNE014401	CS	W	8260FA	PR	05/19/04	1	DCA12D4
Warning: extra parameter	MNE014401	CS	W	8260FA	PR	05/19/04	1	EBZ
Warning: extra parameter	MNE014401	CS	W	8260FA	PR	05/19/04	1	GROC4C12
Warning: extra parameter	MNE014401	CS	W	8260FA	PR	05/19/04	1	XYLENES
Warning: extra parameter	MNE014402	CS	W	8260FA	PR	05/19/04	1	BZ
Warning: extra parameter	MNE014402	CS	W	8260FA	PR	05/19/04	1	BZME
Warning: extra parameter	MNE014402	CS	W	8260FA	PR	05/19/04	1	DCA12D4
Warning: extra parameter	MNE014402	CS	W	8260FA	PR	05/19/04	1	EBZ
Warning: extra parameter	MNE014402	CS	W	8260FA	PR	05/19/04	1	GROC4C12
Warning: extra parameter	MNE014402	CS	W	8260FA	PR	05/19/04	1	XYLENES
Warning: extra parameter	MNE014403	CS	W	8260FA	PR	05/19/04	1	BZ
Warning: extra parameter	MNE014403	CS	W	8260FA	PR	05/19/04	1	BZME
Warning: extra parameter	MNE014403	CS	W	8260FA	PR	05/19/04	1	DCA12D4
Warning: extra parameter	MNE014403	CS	W	8260FA	PR	05/19/04	1	EBZ
Warning: extra parameter	MNE014403	CS	W	8260FA	PR	05/19/04	1	GROC4C12
Warning: extra parameter	MNE014403	CS	W	8260FA	PR	05/19/04	1	XYLENES
Warning: extra parameter	4E19003BLK1	LB1	WQ	8260FA	PR	05/19/04	1	BZ
Warning: extra parameter	4E19003BLK1	LB1	WQ	8260FA	PR	05/19/04	1	BZME
Warning: extra parameter	4E19003BLK1	LB1	WQ	8260FA	PR	05/19/04	1	DCA12D4
Warning: extra parameter	4E19003BLK1	LB1	WQ	8260FA	PR	05/19/04	1	EBZ
Warning: extra parameter	4E19003BLK1	LB1	WQ	8260FA	PR	05/19/04	1	GROC4C12
Warning: extra parameter	4E19003BLK1	LB1	WQ	8260FA	PR	05/19/04	1	XYLENES
Warning: extra parameter	4E19003BS1	BS1	WQ	8260FA	PR	05/19/04	1	BZ

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	4E19003BS1	BS1	WQ	8260FA	PR	05/19/04	1	BZME
Warning: extra parameter	4E19003BS1	BS1	WQ	8260FA	PR	05/19/04	1	DCA12D4
Warning: extra parameter	4E19003BS1	BS1	WQ	8260FA	PR	05/19/04	1	EBZ
Warning: extra parameter	4E19003BS1	BS1	WQ	8260FA	PR	05/19/04	1	XYLENES
Warning: extra parameter	4E19003BS2	BS2	WQ	8260FA	PR	05/19/04	1	DCA12D4
Warning: extra parameter	4E19003BS2	BS2	WQ	8260FA	PR	05/19/04	1	GROC4C12
Warning: extra parameter	4E19003BSD1	BD1	WQ	8260FA	PR	05/19/04	1	BZ
Warning: extra parameter	4E19003BSD1	BD1	WQ	8260FA	PR	05/19/04	1	BZME
Warning: extra parameter	4E19003BSD1	BD1	WQ	8260FA	PR	05/19/04	1	DCA12D4
Warning: extra parameter	4E19003BSD1	BD1	WQ	8260FA	PR	05/19/04	1	EBZ
Warning: extra parameter	4E19003BSD1	BD1	WQ	8260FA	PR	05/19/04	1	XYLENES
Warning: extra parameter	4E19003BSD2	BD2	WQ	8260FA	PR	05/19/04	1	DCA12D4
Warning: extra parameter	4E19003BSD2	BD2	WQ	8260FA	PR	05/19/04	1	GROC4C12

EDFQC: Error Summary Log

05/31/04

Error type	Lablotctl	Animcode	Parlabel	Qccode	Labqcid
There are no errors in this data files					

EDFCL: Error Summary Log

05/31/04

Error type	Clrevdate	Anmcode	Exmcode	Parlabel	Clcode
There are no errors in this data file	/ /				

AB2886 Electronic Delivery

Main Menu | View/Add Facilities | Upload EDD | Check EDD

Your EDF file has been succcessfully uploaded!

Confirmation Number: 1832579672
Date/Time of Submittal: 6/8/2004 1:35:08 PM
Facility Global ID: T0600100105
Facility Name: ARCO
Submittal Title: QMR 2 Q 2004 Site 6002
Submittal Type: GW Monitoring Report

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

AB2886 Electronic Delivery

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UPLOADING A GEO_WELL FILE

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Title:	**QMR 2 Q 2004 Geo Well File Site 6002**
Submittal Date/Time:	**5/11/2004 12:41:39 PM**
Confirmation Number:	**3546264469**

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CONTACT SITE ADMINISTRATOR.

ATTACHMENT D

WELL REPAIR DATA SHEETS

REPAIR DATA SHEET

Client Arco/BP # 6002 Date 4/15/04

Site Address 6235 Seminary Ave., Oakland

Job Number 040415-M2 Technician Morgan G.

Repair Location MW-5

Deficiencies Corrected One tab broken other stripped. Cap + lock rusted stuck. Helicoiled tab, added new bolt, new 4" cap + lock.

Materials Used helicoil, bolt, 4" cap lock

Repair Location MW-4

Deficiencies Corrected Wellbox rim detatched from apron/skirt. Replaced w/ new wellbox + 5 bags concrete. Cap + lock rusted stuck Added new 4" cap + lock.

Materials Used 4" cap, lock, 1 W.B. 5 bags concrete

Repair Location

Deficiencies Corrected

Materials Used

Repair Location

Deficiencies Corrected

Materials Used

Repair Location

Deficiencies Corrected

Materials Used

Repair Location

Deficiencies Corrected

Materials Used