



Atlantic Richfield Company
(a BP affiliated company)

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By lopprojectop at 10:19 am, May 03, 2006

April 28, 2006

**Re: First Quarter 2006 Groundwater Monitoring Report
ARCO Service Station #4494
566 Hegenberger Road
Oakland, California
ACEH Case No. 3854**

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

Submitted by:

Paul Supple
Environmental Business Manager

April 28, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
Copy Submitted Electronically
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: First Quarter 2006 Groundwater Monitoring Report
ARCO Service Station #4494
566 Hegenberger Road
Oakland, California
ACEH Case No. 3854**


Dear Mr. Hwang:

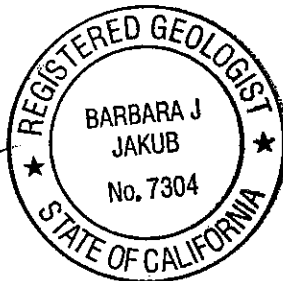
On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *First Quarter 2006 Groundwater Monitoring Report* for ARCO Service Station #4494, located at 566 Hegenberger Road, Oakland, California.

If you have any questions regarding this submission, please call me at (510) 874-3296.

Sincerely,

URS CORPORATION


Barbara J. Jakub, P.G.
Project Manager



Enclosure: First Quarter 2006 Groundwater Monitoring Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Mr. Rob Miller, Broadbent & Associates, Inc., electronic copy uploaded to ENFOS and to
rhmillier@broadbentinc.com

R E P O R T

RECEIVED

By loprojectop at 10:19 am, May 03, 2006

**FIRST QUARTER 2006
GROUNDWATER MONITORING
REPORT**

**ARCO SERVICE STATION #4494
566 HEGENBERGER ROAD
OAKLAND, CALIFORNIA**

Prepared for
RM

April 28, 2006

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

Date: April 28, 2006

Quarter: 1Q 06

FIRST QUARTER 2006 GROUNDWATER MONITORING REPORT

Facility No.: 4494 Address: 566 Hegenberger Road, Oakland, California
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Barbara Jakub
Primary Agency/Regulatory ID No. Alameda County Environmental Health (ACEH)
ACEH Case #: 3854

WORK PERFORMED THIS QUARTER (First – 2006):

1. Prepared and submitted the Fourth Quarter 2005 Status Report.
2. Performed the first quarter 2006 monitoring event on March 8, 2006.

WORK PROPOSED FOR NEXT QUARTER (Second – 2006):

1. Prepare and submit this First Quarter 2006 Groundwater Monitoring Report.
2. No environmental work is expected during the second quarter 2006.
3. Broadbent & Associates will prepare and submit the Second Quarter 2006 Status Report.

SITE SUMMARY:

Current Phase of Project:	<u>GW monitoring/sampling</u>
Frequency of Groundwater Sampling:	<u>Semi-Annually (1Q, 3Q): Wells MW-1 and MW-6</u> <u>Annually (3Q): Wells MW-3 to MW-5, MW-7, and RW-1</u>
Frequency of Groundwater Monitoring:	<u>Semi-Annually</u>
Is Free Product Present On-Site:	<u>No</u>
Bulk Soil Removed to Date:	<u>1,550 cubic yards</u>
Current Remediation Techniques:	<u>None</u>
Approximate Depth to Groundwater:	<u>4.59 (MW-6) to 9.03 (MW-3) feet</u>
Groundwater Gradient (direction):	<u>Northwest (on-Site)</u>
Groundwater Gradient (magnitude):	<u>0.03 feet per foot</u>

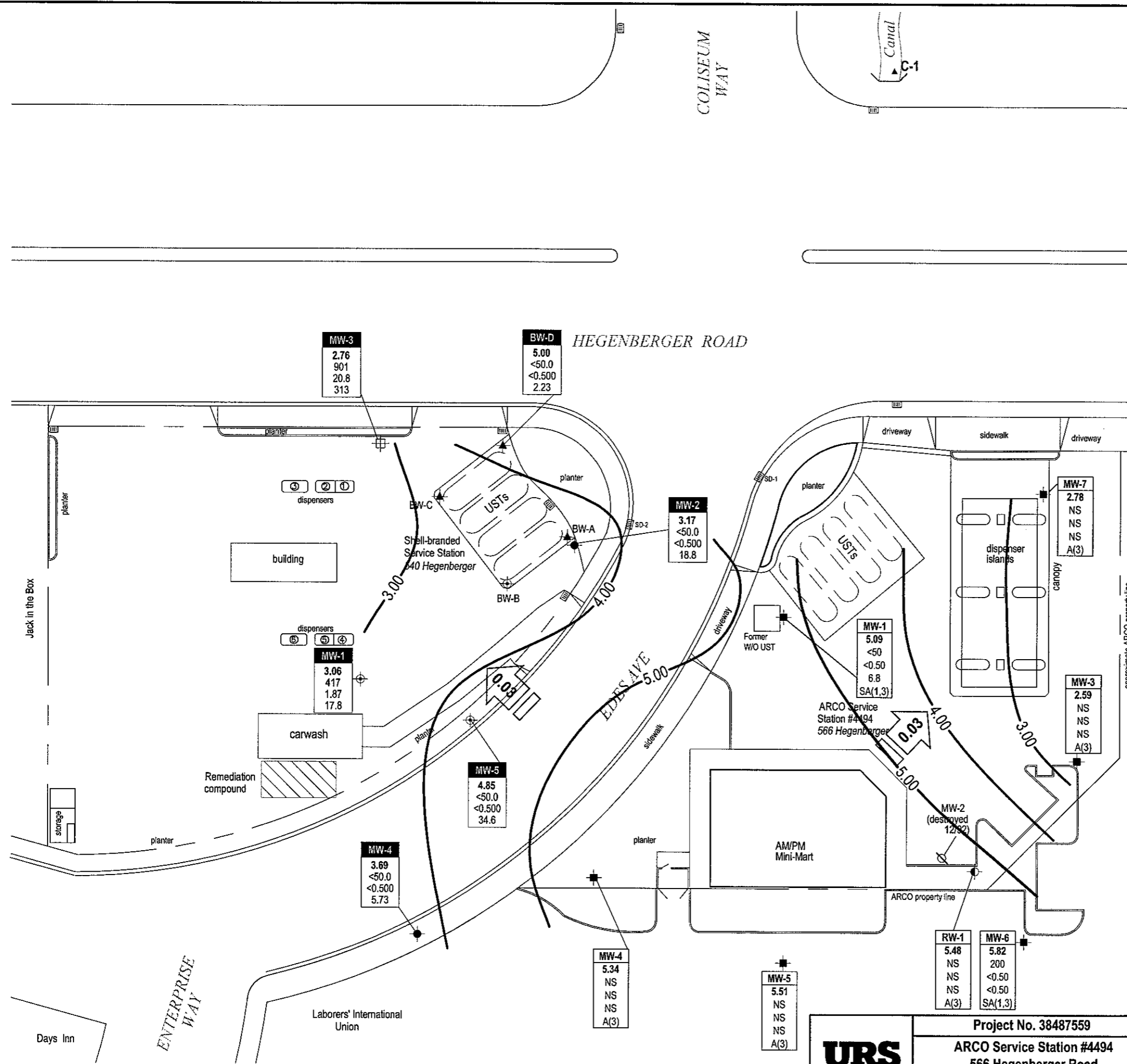
DISCUSSION:

Gasoline range organics were detected at or above the laboratory reporting limit in one of the two wells sampled this quarter (MW-6) at a concentration of 200 micrograms per liter ($\mu\text{g/L}$). Methyl tert-butyl ether was detected at or above the laboratory-reporting limit in one well (MW-1) at a concentration of 6.8 $\mu\text{g/L}$. No other fuel components were detected at or above their respective laboratory reporting limits in any of the wells sampled this quarter.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – March 8, 2006
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 – Groundwater Gradient Data
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment C – Historical Groundwater Data
- Attachment D – Error Check Reports and EDF/Geowell Submittal Confirmations
- Attachment E – Joint Monitoring Data

Apr 25, 2006 - 3:45pm
X:\env\waste\BP_CEM\Sites\Scott_Robinson\Plant_Suppl\4494\Monitoring\2006 Qtr. 1\Drawings\4494-1\006-GW.dwg



EXPLANATION

- ◆ Shell monitoring well
- ▲ Tank backfill well
- ⊕ Well used for groundwater extraction
- ◆ ARCO monitoring well
- ⊖ ARCO recovery well
- ▲ Canal sampling location

Well designation

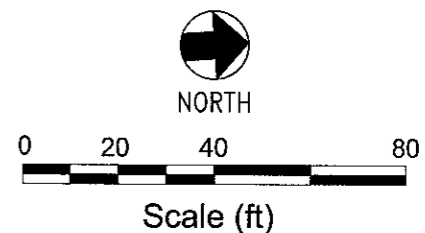
Well	Well designation
ELEV	Groundwater elevation (ft MSL)
GRO	Concentration of GRO/TPPH, Benzene, and MTBE in groundwater (µg/L)
Benzene	
MTBE	
Q or A	Sampling frequency

- SA(1,3) Sampled semi-annually, 1st & 3rd quarters
- < Not detected at or above specified laboratory reporting limits
- NS Not sampled
- A(3) Sampled annually during 3rd quarter

← 0.03 Approximate groundwater flow direction and gradient (ft/ft)

— 3.00 Groundwater elevation contour (ft MSL) (dashed where estimated)

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



URS	Project No. 38487559	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP	FIGURE 1
	ARCO Service Station #4494 566 Hegenberger Road Oakland, California		

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #4494
566 Hegenberger Rd., Oakland, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	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)	pH
MW-1	6/20/2000	--	a	106.1	13.00	--	7.02	99.08	<1,000	<10	<10	<10	<20	14000/ 15000	---	---
	9/28/2000	--	a	106.1	13.00	--	7.07	99.03	<500	<5.0	<5.0	<5.0	<5.0	13000/ 18800	---	---
	12/17/2000	--		106.1	13.00	--	6.95	99.15	<50	<0.5	<0.5	<0.5	<0.5	10,600	---	---
	3/28/2001	--		106.1	13.00	--	6.88	99.22	<500	<5.0	<5.0	<5.0	<5.0	16,900	---	---
	6/21/2001	--		106.1	13.00	--	7.18	98.92	<1,000	<10	<10	<10	<10	3,400	---	---
	9/23/2001	--	a	106.1	13.00	--	7.11	98.99	<1,000	<10	<10	<10	<10	2200/1800	---	---
	12/31/2001	--		106.1	13.00	--	6.91	99.19	<5,000	<50	<50	<50	<50	14,000	---	---
	3/14/2002	--		106.1	13.00	--	6.85	99.25	<5,000	<50	<50	<50	<50	6,200	---	---
	4/17/2002	--		106.1	13.00	--	5.89	100.21	<5,000	<50	<50	<50	<50	4,500	---	---
	8/8/2002	--	a, b	106.1	13.00	--	7.19	98.91	230	<2.0	<2.0	<2.0	<2.0	660/440	4.5	7.8
	12/12/2002	--	a, d	106.1	13.00	--	7.28	98.82	630	<5.0	<5.0	<5.0	<5.0	1300/830	1.9	7.6
	3/20/2003	--	e	106.1	13.00	--	6.91	99.19	1,100	<5.0	<5.0	<5.0	<5.0	780	2.2	8.5
	6/23/2003	--		106.1	13.00	--	7.61	98.49	530	<5.0	<5.0	<5.0	<5.0	260	1.2	7.6
	9/22/2003	--		11.36	13.00	--	7.78	3.58	<50	<0.50	<0.50	<0.50	<0.50	17	3.5	7.7
	12/03/2003	P		11.36	13.00	--	7.90	3.46	410	2.6	9.8	<2.5	11	260	2.1	6.9
	03/18/2004	P		11.36	13.00	--	6.68	4.68	<250	<2.5	<2.5	<2.5	<2.5	130	2.4	7.0
	05/25/2004	P		11.36	13.00	--	7.55	3.81	<250	<2.5	<2.5	<2.5	<2.5	120	1.3	7.0
	09/22/2004	P		11.36	13.00	--	6.78	4.58	150	1.5	<1.0	<1.0	<1.0	140	3.8	7.12
	12/22/2004	P		11.36	13.00	--	6.44	4.92	<500	<5.0	<5.0	<5.0	<5.0	74	1.7	6.8
	02/23/2005	P		11.36	13.00	--	7.03	4.33	<50	<0.50	<0.50	<0.50	<0.50	6.0	2.1	7.2
	06/27/2005	P		11.36	13.00	--	6.66	4.70	<250	<2.5	<2.5	<2.5	<2.5	150	3.6	7.4
	08/31/2005	P		11.36	13.00	--	6.67	4.69	<50	<0.50	<0.50	<0.50	<0.50	0.82	3.8	7.2
	03/08/2006	P	i	11.36	13.00	--	6.27	5.09	<50	<0.50	<0.50	<0.50	<0.50	6.8	3.9	7.5
MW-3	6/20/2000	--	a	106.29	7.00	--	9.18	97.11	<50	<0.5	<0.5	<0.5	<1.0	27/27	---	---
	9/28/2000	--	a	106.29	7.00	--	9.33	96.96	<50	<0.5	<0.5	<0.5	<1.0	4.3/<2.0	---	---
	12/17/2000	--		106.29	7.00	--	9.31	96.98	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/28/2001	--		106.29	7.00	--	9.23	97.06	<50	<0.5	<0.5	<0.5	<0.5	7.42	---	---
	6/21/2001	--		106.29	7.00	--	9.58	96.71	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	9/23/2001	--		106.29	7.00	--	9.76	96.53	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	12/31/2001	--		106.29	7.00	--	8.78	97.51	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---

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Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	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)	pH
MW-3	3/14/2002	--		106.29	7.00	--	9.25	97.04	<50	<0.5	<0.5	<0.5	<0.5	4.0	---	---
	4/17/2002	--		106.29	7.00	--	8.44	97.85	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	8/8/2002	--		106.29	7.00	--	9.63	96.66	<50	<0.5	<0.5	<0.5	<0.5	<2.5	2.6	7.9
	12/12/2002	--	d	106.29	7.00	--	9.51	96.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5	3.0	6.8
	3/20/2003	--	e	106.29	7.00	--	9.40	96.89	<50	<0.50	<0.50	<0.50	<0.50	6.1	1.2	7.0
	6/23/2003	--		106.29	7.00	--	9.36	96.93	<50	<0.50	<0.50	<0.50	<0.50	5.2	0.9	8.2
	9/22/2003	--		11.62	7.00	--	9.48	2.14	<50	<0.50	<0.50	<0.50	<0.50	3.9	1.4	7.9
	12/03/2003	--	g	11.62	7.00	--	9.44	2.18	--	--	--	--	--	--	--	--
	03/18/2004	NP		11.62	7.00	--	8.76	2.86	<50	<0.50	<0.50	<0.50	<0.50	4.6	0.8	7.3
	05/25/2004	--	g	11.62	7.00	--	9.55	2.07	--	--	--	--	--	--	--	--
	09/22/2004	NP		11.62	7.00	--	9.44	2.18	<50	<0.50	<0.50	<0.50	<0.50	4.7	--	--
	12/22/2004	--		11.62	7.00	--	9.06	2.56	--	--	--	--	--	--	--	--
	02/23/2005	NP		11.62	7.00	--	8.75	2.87	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	8.2
	06/27/2005	--		11.62	7.00	--	9.35	2.27	--	--	--	--	--	--	--	--
	08/31/2005	NP		11.62	7.00	--	9.31	2.31	<50	<0.50	<0.50	<0.50	<0.50	1.3	0.5	7.7
	03/08/2006	--		11.62	7.00	--	9.03	2.59	--	--	--	--	--	--	--	--
MW-4	6/20/2000	--		107.4	7.00	--	8.49	98.91	<50	<0.5	<0.5	<0.5	<1.0	<10	---	---
	9/28/2000	--		107.4	7.00	--	8.70	98.70	<50	<0.5	<0.5	<0.5	<1.0	<2.5	---	---
	12/17/2000	--		107.4	7.00	--	8.53	98.87	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/28/2001	--		107.4	7.00	--	8.59	98.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	6/21/2001	--		107.4	7.00	--	8.79	98.61	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	9/23/2001	--		107.4	7.00	--	8.67	98.73	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	12/31/2001	--		107.4	7.00	--	8.03	99.37	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/14/2002	--		107.4	7.00	--	8.48	98.92	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	4/17/2002	--		107.4	7.00	--	7.79	99.61	<50	<0.5	<0.5	<0.5	<0.5	5.6	---	---
	8/8/2002	--		107.4	7.00	--	8.90	98.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	4.5	8.0
	12/12/2002	--	d	107.4	7.00	--	9.07	98.33	<50	<0.5	<0.5	<0.5	<0.5	<2.5	5.6	6.2
	3/20/2003	--	e	107.4	7.00	--	8.85	98.55	<50	<0.50	<0.50	<0.50	0.50	<0.50	4.8	7.8
	6/23/2003	--		107.4	7.00	--	9.26	98.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	6.3	7.5
	9/22/2003	--		13.18	7.00	--	9.22	3.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50	7.4	8.0
	12/03/2003	--	g	13.18	7.00	--	9.48	3.70	--	--	--	--	--	--	--	--
	03/18/2004	NP		13.18	7.00	--	8.32	4.86	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.5	8.4

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #4494
566 Hegenberger Rd., Oakland, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-4	05/25/2004	--	g	13.18	7.00	--	9.03	4.15	--	--	--	--	--	--	--	--
	09/22/2004	NP		13.18	7.00	--	8.62	4.56	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	--
	12/22/2004	--		13.18	7.00	--	7.80	5.38	--	--	--	--	--	--	--	--
	02/23/2005	NP		13.18	7.00	--	7.74	5.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	7.3
	06/27/2005	--		13.18	7.00	--	8.38	4.80	--	--	--	--	--	--	--	--
	08/31/2005	NP		13.18	7.00	--	8.15	5.03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	6.9
	03/08/2006	--		13.18	7.00	--	7.84	5.34	--	--	--	--	--	--	--	--
MW-5	6/20/2000	--		105.19	8.00	--	7.65	97.54	<50	<0.5	<0.5	<0.5	<1.0	<10	---	---
	9/28/2000	--		105.19	8.00	--	6.82	98.37	<50	<0.5	<0.5	<0.5	<1.0	<2.5	---	---
	12/17/2000	--		105.19	8.00	--	6.50	98.69	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/28/2001	--		105.19	8.00	--	6.34	98.85	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	6/21/2001	--		105.19	8.00	--	7.88	97.31	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	9/23/2001	--		105.19	8.00	--	6.98	98.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	12/31/2001	--		105.19	8.00	--	5.01	100.18	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/14/2002	--		105.19	8.00	--	5.93	99.26	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	4/17/2002	--		105.19	8.00	--	5.37	99.82	<50	<0.5	<0.5	<0.5	<0.5	8.5	---	---
	8/8/2002	--	b	105.19	8.00	--	6.85	98.34	<50	<0.5	<0.5	<0.5	<0.5	<2.5	0.7	7.3
	12/12/2002	--	d	105.19	8.00	--	6.53	98.66	<50	2.2	4.7	1.3	6.8	<2.5	1.3	7.0
	3/20/2003	--	e	105.19	8.00	--	6.40	98.79	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.7	7.1
	6/23/2003	--		105.19	8.00	--	6.72	98.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	7.2
	9/22/2003	--	f	10.63	8.00	--	6.76	3.87	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	7.2
	12/03/2003	--	g	10.63	8.00	--	6.56	4.07	--	--	--	--	--	--	--	--
	03/18/2004	P		10.63	8.00	--	5.98	4.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	7.3
	05/25/2004	--	g	10.63	8.00	--	6.77	3.86	--	--	--	--	--	--	--	--
	09/22/2004	P		10.63	8.00	--	6.90	3.73	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	7.17
	12/22/2004	--		10.63	8.00	--	6.18	4.45	--	--	--	--	--	--	--	--
	02/23/2005	P		10.63	8.00	--	5.36	5.27	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	7.2
06/27/2005	--		10.63	8.00	--	6.26	4.37	--	--	--	--	--	--	--	--	
08/31/2005	P		10.63	8.00	--	6.70	3.93	<50	<0.50	<0.50	<0.50	<0.50	1.9	0.8	7.2	
03/08/2006	--		10.63	8.00	--	5.12	5.51	--	--	--	--	--	--	--	--	
MW-6	6/20/2000	--		105.07	8.00	--	6.24	98.83	<50	<0.5	<0.5	<0.5	<1.0	<10	---	---

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #4494
566 Hegenberger Rd., Oakland, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	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)	pH
MW-6	9/28/2000	--		105.07	8.00	--	6.45	98.62	<50	<0.5	<0.5	<0.5	<1.0	<2.5	---	---
	12/17/2000	--		105.07	8.00	--	6.26	98.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/28/2001	--		105.07	8.00	--	6.10	98.97	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	6/21/2001	--		105.07	8.00	--	7.68	97.39	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	9/23/2001	--		105.07	8.00	--	6.72	98.35	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	12/23/2001	--		105.07	8.00	--	4.68	100.39	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/14/2002	--		105.07	8.00	--	5.55	99.52	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	4/17/2002	--		105.07	8.00	--	4.96	100.11	<50	<0.5	<0.5	<0.5	<0.5	7.0	---	---
	8/8/2002	--		105.07	8.00	--	6.46	98.61	<50	<0.5	<0.5	<0.5	<0.5	<2.5	0.7	7.3
	12/12/2002	--	d	105.07	8.00	--	6.18	98.89	65	3.3	8.4	2.7	14	<2.5	1.1	6.9
	3/20/2003	--	e	105.07	8.00	--	6.18	98.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	7.0
	6/23/2003	--		105.07	8.00	--	6.15	98.92	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	7.1
	9/22/2003	--	f	10.41	8.00	--	6.43	3.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	7.0
	12/03/2003	--	g	10.41	8.00	--	6.12	4.29	--	--	--	--	--	--	--	--
	03/18/2004	P		10.41	8.00	--	5.40	5.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.2
	05/25/2004	--	g	10.41	8.00	--	6.30	4.11	--	--	--	--	--	--	--	--
	09/22/2004	P		10.41	8.00	--	6.43	3.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	7.01
	12/22/2004	--		10.41	8.00	--	5.73	4.68	--	--	--	--	--	--	--	--
	02/23/2005	P		10.41	8.00	--	4.61	5.80	<50	<0.50	<0.50	<0.50	<0.50	5.0	2.6	7.1
	06/27/2005	--		10.41	8.00	--	5.78	4.63	--	--	--	--	--	--	--	--
	08/31/2005	P		10.41	8.00	--	6.19	4.22	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.0
	03/08/2006	P	j	10.41	8.00	--	4.59	5.82	200	<0.50	<0.50	<0.50	<0.50	<0.50	2.8	7.3
MW-7	6/20/2000	--	a	105.52	9.00	--	8.65	96.87	<50	<0.5	<0.5	<0.5	<1.0	13/13	---	---
	9/28/2000	--	a	105.52	9.00	--	8.75	96.77	<50	<0.5	<0.5	<0.5	<1.0	136/261	---	---
	12/17/2000	--		105.52	9.00	--	8.62	96.90	<50	<0.5	<0.5	<0.5	<0.5	27.1	---	---
	3/28/2001	--		105.52	9.00	--	8.66	96.86	<50	<0.5	<0.5	<0.5	<0.5	51.5	---	---
	6/21/2001	--		105.52	9.00	--	8.84	96.68	<50	<0.5	<0.5	<0.5	<0.5	53	---	---
	9/23/2001	--	a	105.52	9.00	--	8.75	96.77	<50	<0.5	<0.5	<0.5	<0.5	35/21	---	---
	12/23/2001	--		105.52	9.00	--	7.79	97.73	<50	<0.5	<0.5	<0.5	<0.5	440	---	---
	3/14/2002	--		105.52	9.00	--	8.30	97.22	<50	<0.5	<0.5	<0.5	<0.5	18	---	---
	4/17/2002	--		105.52	9.00	--	7.43	98.09	<50	<0.5	<0.5	<0.5	<0.5	67	---	---
	8/8/2002	--	a, b	105.52	9.00	--	8.61	96.91	55	<0.5	<0.5	<0.5	<0.5	130/100	1.1	7.1

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #4494
566 Hegenberger Rd., Oakland, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	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)	pH
MW-7	12/12/2002	--	a, d, h	105.52	9.00	--	8.55	---	75	< 0.5	< 0.5	< 0.5	< 0.5	160/130	1.2	7.0
	3/20/2003	--	e	105.52	9.00	--	8.38	---	<50	<0.50	<0.50	<0.50	<0.50	32	2.2	7.2
	6/23/2003	--		105.52	9.00	--	8.37	---	<50	<0.50	<0.50	<0.50	<0.50	14	0.8	7.1
	9/22/2003	--	f	10.51	9.00	--	8.95	1.56	<50	<0.50	<0.50	<0.50	<0.50	5.3	2.2	7.2
	12/03/2003	P		10.51	9.00	--	8.86	1.65	<50	<0.50	<0.50	<0.50	<0.50	4.2	0.1	7.2
	03/18/2004	P		10.51	9.00	--	8.03	2.48	<50	<0.50	<0.50	<0.50	<0.50	3.0	1.0	7.2
	05/25/2004	P		10.51	9.00	--	8.37	2.14	<50	<0.50	<0.50	<0.50	<0.50	4.1	0.7	7.1
	09/22/2004	P		10.51	9.00	--	8.90	1.61	<50	<0.50	<0.50	<0.50	<0.50	2.3	0.9	7.27
	12/22/2004	P		10.51	9.00	--	7.90	2.61	<50	<0.50	<0.50	<0.50	<0.50	2.7	2.8	7.2
	02/23/2005	P		10.51	9.00	--	8.23	2.28	180	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	7.1
	06/27/2005	P		10.51	9.00	--	8.24	2.27	<50	<0.50	<0.50	<0.50	<0.50	4.2	0.1	6.7
	08/31/2005	P		10.51	9.00	--	8.27	2.24	<50	<0.50	<0.50	<0.50	<0.50	2.5	1.6	7.2
	03/08/2006	--		10.51	9.00	--	7.73	2.78	--	--	--	--	--	--	--	--
RW-1	6/20/2000	--		---	--	--	8.21	---	<50	<0.5	1.1	<0.5	<1.0	<10	---	---
	9/28/2000	--		---	--	--	8.28	---	<50	<0.5	<0.5	<0.5	<1.0	<2.5	---	---
	12/17/2000	--		---	--	--	8.29	---	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	3/28/2001	--		---	--	--	8.16	---	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	6/21/2001	--		---	--	--	9.37	---	160	5.1	<0.5	1.1	3.2	<2.5	---	---
	9/23/2001	--		---	--	--	8.75	---	57	<0.5	<0.5	<0.5	<0.5	<2.5	---	---
	12/31/2001	--		---	--	--	6.80	---	520	3.1	<0.5	6.4	4.7	<2.5	---	---
	3/14/2002	--		---	--	--	7.86	---	240	3.7	<0.5	0.7	2.8	<2.5	---	---
	4/17/2002	--		---	--	--	7.13	---	<50	<0.5	1.6	<0.5	0.72	<2.5	---	---
	8/8/2002	--	a, c	---	--	--	8.48	---	<50	<0.5	<0.5	<0.5	<0.5	3.7/<0.5	1.1	7.0
	12/12/2002	--		---	--	--	8.63	---	<50	<0.5	<0.5	<0.5	<0.5	<2.5	1.9	6.9
	3/20/2003	--	e	---	--	--	8.08	---	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	7.3
	6/23/2003	--		---	--	--	8.28	---	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	7.3
	9/22/2003	--	f	11.97	--	--	8.42	3.55	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	7.1
	12/03/2003	--	g	11.97	--	--	8.05	3.92	--	--	--	--	--	--	--	--
	03/18/2004	P		11.97	--	--	7.18	4.79	50	0.54	<0.50	<0.50	<0.50	<0.50	0.9	7.1
	05/25/2004	--	g	11.97	--	--	8.32	3.65	--	--	--	--	--	--	--	--
	09/22/2004	P		11.97	--	--	8.42	3.55	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	6.7
	12/22/2004	--		11.97	--	--	7.23	4.74	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #4494

566 Hegenberger Rd., Oakland, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	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)	pH
RW-1	02/23/2005	P		11.97	--	--	6.89	5.08	190	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	7.2
	06/27/2005	--		11.97	--	--	7.86	4.11	--	--	--	--	--	--	--	--
	08/31/2005	P		11.97	--	--	8.20	3.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	7.2
	03/08/2006	--		11.97	--	--	6.49	5.48	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #4494

566 Hegenberger Rd., Oakland, CA

SYMBOLS AND ABBREVIATIONS:

-/- = Not calculated, surveyed, available, applicable, analyzed

< = Not detected at or above specified laboratory reporting limit

DO = Dissolved oxygen

DTW = Depth to water in ft bgs

ft bgs = Feet below ground surface

ft MSL = Feet above mean sea level

GRO = Gasoline range organics

GWE = Groundwater elevation in ft MSL

mg/L = Milligrams per liter

MTBE = Methyl tert-butyl ether analyzed by EPA Method 8021B prior to 3/20/03 unless otherwise noted

NP = Well not purged prior to sampling

P = Well purged prior to sampling

TPH-g = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8015M prior to 3/20/03 and by 8260b henceforth

TOC = Top of casing in ft MSL

µg/L = Micrograms per liter

FOOTNOTES:

a = MTBE confirmation analyzed by EPA Method 8260.

b = Hydrocarbon pattern is present in the requested fuel quantitation range for TPH-g/GRO but does not resemble the pattern of the requested fuel.

c = This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.

d = Analyzed by EPA Method 8215B/8021B for TPHg/GRO.

e = TPH-g, BTEX, and MTBE analyzed by EPA method 8260B beginning on 2003 sampling event (03/20/03).

f = TOC elevations were re-surveyed on July 18, 2003 by URS Corporation of Pleasant Hill, CA.

g = Wells MW-3, MW-4, MW-5, MW-6 and RW-1 are sampled semi-annually in the 1st and 3rd quarters.

h = TOC was found shattered on December 12, 2002. TOC unknown.

i = Initial analysis for GRO and MTBE within holding time but failed QA/QC criteria.

j = Hydrocarbon result for GRO partly due to individual peak(s) in quantitative range.

NOTES:

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

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.

Beginning in the second quarter 2004, the carbon range for GRO has been changed from C6-C10 to C4-C12.

The values for pH and DO were obtained through field measurements.

Table 2

Fuel Additives Analytical Data
 ARCO Service Station #4494
 566 Hegenberger Rd., Oakland, 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	3/20/2003	<1,000	640	780	<5.0	<5.0	<5.0	---	---	
	6/23/2003	<1,000	<200	260	<5.0	<5.0	<5.0	<5.0	<5.0	
	9/22/2003	<100	250	17	<0.50	<0.50	<0.50	---	---	
	12/03/2003	<500	<100	260	<2.5	<2.5	<2.5	--	--	
	03/18/2004	<500	<100	130	<2.5	<2.5	<2.5	<2.5	<2.5	
	05/25/2004	<500	<100	120	<2.5	<2.5	<2.5	<2.5	<2.5	
	09/22/2004	<200	<40	140	<1.0	<1.0	<1.0	<1.0	<1.0	
	12/22/2004	<1,000	<200	74	<5.0	<5.0	<5.0	<5.0	<5.0	
	02/23/2005	<100	<20	6.0	<0.50	<0.50	2.4	<0.50	<0.50	
	06/27/2005	<500	<100	150	<2.5	<2.5	<2.5	<2.5	<2.5	
	08/31/2005	<100	<20	0.82	<0.50	<0.50	<0.50	<0.50	<0.50	a
03/08/2006	<300	<20	6.8	<0.50	<0.50	<0.50	<0.50	<0.50	b	
MW-3	3/20/2003	<100	<20	601	<0.50	<0.50	1.1	---	---	
	6/23/2003	<100	<20	5.2	<0.50	<0.50	0.75	<0.50	<0.50	
	9/22/2003	<100	<20	3.9	<0.50	<0.50	<0.50	---	---	
	03/18/2004	<100	<20	4.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2005	<100	<20	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-4	3/20/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	---	---	
	6/23/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	---	---	
	03/18/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5	3/20/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	---	---	
	6/23/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	---	---	
	03/18/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
02/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		

Table 2

Fuel Additives Analytical Data
 ARCO Service Station #4494
 566 Hegenberger Rd., Oakland, 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-5	08/31/2005	<100	<20	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-6	3/20/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	---	---	
	6/23/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	---	---	
	03/18/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/23/2005	<100	140	5.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/08/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
MW-7	3/20/2003	<100	<20	21	<0.50	<0.50	0.62	---	---	
	6/23/2003	<100	170	14	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/22/2003	<100	170	5.3	<0.50	<0.50	<0.50	---	---	
	12/03/2003	<100	85	4.2	<0.50	<0.50	<0.50	--	--	
	03/18/2004	<100	<20	3.0	<0.50	<0.50	<0.50	<0.50	<0.50	a
	05/25/2004	<100	43	4.1	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/22/2004	<100	34	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/27/2005	<100	86	4.2	<0.50	<0.50	<0.50	<0.50	<0.50	
08/31/2005	<100	41	2.5	<0.50	<0.50	<0.50	<0.50	<0.50		
RW-1	3/20/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	---	---	
	6/23/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/22/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	---	---	
	03/18/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/23/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/31/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #4494

566 Hegenberger Rd., Oakland, CA

SYMBOLS AND ABBREVIATIONS:

< = Not detected at or above specified laboratory reporting limit

--/-- = Not analyzed, sampled, available

1,2-DCA = 1,2-Dichloroethane

DIPE = Di-isopropyl ether

EDB = 1,2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

TAME = tert-Amyl methyl ether

TBA = tert-Butyl alcohol

µg/L = Micrograms per liter

FOOTNOTES:

a = The continuing calibration verification for ethanol was outside of client contractual acceptance limits. However, it was within method acceptance limits and should be useful for its intended purpose.

b = Possible high bias due to CCV falling outside acceptance criteria for TAME, MTBE, 1,2-DCA, and/or ETBE.

NOTES:

All fuel oxygenate compounds were analyzed using EPA Method 8260B.

Table 3

Groundwater Gradient Data
Former ARCO Service Station #4944
614 Cutting Blvd., Richmond, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
6/21/2001	Southwest	0.009
10/8/2001	Southwest	0.008
3/8/2002	Southwest	0.007
4/30/2002	Southwest	0.02
8/7/2002	West	0.007
11/13/2002	Southwest	0.01
2/12/2003	Northwest	0.01
5/30/2003	Northwest	0.009
8/8/2003	West	0.009
11/10/2003	West	0.005
2/3/2004	Northeast	0.005
5/3/2004	North	0.007
8/6/2004	West	0.003
11/24/2004	Northwest	0.003
2/23/2005	Northwest	0.04
5/13/2005	Northwest (NW) to Northeast (NE)	0.004 (NW) to 0.02 (NE)
8/4/2005	East	0.008
11/29/2005	Southeast	0.008
3/8/2006	Northwest	0.03 (on-Site)

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

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 # 060308-DR2

Date 3/8/06

Client ~~4444~~ 4494

Site 566 Hegenberger Rd. Oakland CA.

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	4					6.27	23.05	↓	
MW-3	4					9.03	17.85		G.O.
MW-4	4					7.84	16.53		G.O.
MW-5	2					8.12	16.96		G.O.
MW-6	2					4.59	18.10		
MW-7	4					7.73	13.47		G.O.
RW-1	2					6.49	11.73		G.O.

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060308 - DR2	Station # 4944 4494
Sampler: DR	Date: 3/8/06
Well I.D.: MW-1	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 23.05	Depth to Water: 6.27
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade.	D.O. Meter (if req'd): <u>YST</u> 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.

10.9	x	3	=	32.7	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1229	68.3	7.4	10410	10.9	Clear
1231	68.6	7.5	11380	21.8	"
1233	69.2	7.5	11955	32.7	"

Did well dewater? Yes No Gallons actually evacuated: 32.7

Sampling Time: 1240 Sampling Date: 3/8/06

Sample I.D.: MW-1 Laboratory: Pace Sequoia Other: _____

Analyzed for: GRD BTEX MTBE DRO Oxy 1,2-DC EDS Ethanol Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	3.9	mg/L
	O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060308 - DR2	Station # 4444 4494
Sampler: DR	Date: 3/8/06
Well I.D.: MW-6	Well Diameter: <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8
Total Well Depth: 18-10	Depth to Water: 4.59
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC Grade	D.O. Meter (if req'd): <input checked="" type="radio"/> 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 Sampling Method: Bailer

Disposable Bailer Disposable Bailer

Positive Air Displacement Extraction Port

Electric Submersible

Extraction Pump

Other: _____

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.

2.2	x	3	=	6.6	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1300	68.2	7.3	6247	2.2	light cloudy
1306	67.7	7.3	6006	4.4	"
1312	67.6	7.3	5987	6.6	"

Did well dewater? Yes No Gallons actually evacuated: 6.6

Sampling Time: 1320 Sampling Date: 3/8/06

Sample I.D.: MW-6 Laboratory: Pace Sequoia Other _____

Analyzed for: GRD BTEX MTBE DRO Uxy 1,2-DCA EDB Ethanol Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.8	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:

4494

Station #

566 Heyerburger Rd. Oakland CA

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

added equip. _____
rinse water _____

any other adjustments _____

TOTAL GALS. RECOVERED 39.3

loaded onto BTS vehicle # 22

BTS event #

time

date

060308 -DR2

3/8/06

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 RM have been reviewed and verified by that laboratory.



31 March, 2006

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

RE: ARCO #4494, Oakland, CA
Work Order: MPC0394

Enclosed are the results of analyses for samples received by the laboratory on 03/08/06 18:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

The results in this laboratory report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPGCLN Technical Specifications, applicable Federal, State, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPGCLN. This entire report was reviewed and approved for release.

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: ARCO #4494, Oakland, CA Project Number: G0C2G-0010 Project Manager: Barbara Jakub	MPC0394 Reported: 03/31/06 15:58
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MPC0394-01	Water	03/08/06 12:40	03/08/06 18:05
MW-6	MPC0394-02	Water	03/08/06 13:20	03/08/06 18:05
TB-4494-03082006	MPC0394-03	Water	03/08/06 00:00	03/08/06 18:05

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.

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

 Project: ARCO #4494, Oakland, CA
 Project Number: G0C2G-0010
 Project Manager: Barbara Jakub

 MPC0394
 Reported:
 03/31/06 15:58

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPC0394-01) Water Sampled: 03/08/06 12:40 Received: 03/08/06 18:05									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6C21004	03/21/06	03/22/06	EPA 8260B	PE
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	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	PE
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %		80-135	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		84 %		70-130	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		92 %		85-130	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86 %		60-115	"	"	"	"	
MW-1 (MPC0394-01RE1) Water Sampled: 03/08/06 12:40 Received: 03/08/06 18:05									
Methyl tert-butyl ether	6.8	0.50	ug/l	1	6C27021	03/27/06	03/28/06	EPA 8260B	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87 %		80-135	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		102 %		70-130	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		93 %		85-130	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95 %		60-115	"	"	"	"	
MW-6 (MPC0394-02) Water Sampled: 03/08/06 13:20 Received: 03/08/06 18:05									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6C21004	03/21/06	03/22/06	EPA 8260B	PE
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	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	PE
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	PE
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	200	50	"	"	"	"	"	"	PV

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

Project: ARCO #4494, Oakland, CA
Project Number: G0C2G-0010
Project Manager: Barbara Jakub

MPC0394
Reported:
03/31/06 15:58

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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MW-6 (MPC0394-02) Water **Sampled: 03/08/06 13:20** **Received: 03/08/06 18:05**

<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %		80-135	6C21004	03/21/06	03/22/06	EPA 8260B	
<i>Surrogate: Toluene-d8</i>		80 %		70-130	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		94 %		85-130	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		80 %		60-115	"	"	"	"	

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

 Project: ARCO #4494, Oakland, CA
 Project Number: G0C2G-0010
 Project Manager: Barbara Jakub

 MPC0394
 Reported:
 03/31/06 15:58

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 6C21004 - EPA 5035 / EPA 8260B
Blank (6C21004-BLK1)

Prepared: 03/21/06 Analyzed: 03/22/06

tert-Amyl methyl ether	ND	0.50	ug/l							PE
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	300	"							
Ethyl tert-butyl ether	ND	0.50	"							PE
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							PE
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
o-Xylene	ND	0.50	"							
m,p-Xylene	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.73		"	2.50		109	80-135			
<i>Surrogate: Toluene-d8</i>	2.09		"	2.50		84	70-130			
<i>Surrogate: Dibromofluoromethane</i>	2.51		"	2.50		100	85-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.01		"	2.50		80	60-115			

Laboratory Control Sample (6C21004-BS1)

Prepared: 03/21/06 Analyzed: 03/22/06

tert-Amyl methyl ether	19.0	0.50	ug/l	16.3		117	65-135			PE
Benzene	5.72	0.50	"	5.04		113	70-125			
tert-Butyl alcohol	163	20	"	169		96	60-135			
Di-isopropyl ether	17.1	0.50	"	16.2		106	70-130			
1,2-Dibromoethane (EDB)	17.8	0.50	"	16.6		107	85-125			
1,2-Dichloroethane	17.6	0.50	"	15.5		114	75-125			PE
Ethanol	160	300	"	165		97	15-150			
Ethyl tert-butyl ether	18.6	0.50	"	16.4		113	65-130			PE
Ethylbenzene	6.57	0.50	"	7.28		90	80-130			
Methyl tert-butyl ether	8.29	0.50	"	7.84		106	50-140			PE
Toluene	40.6	0.50	"	38.0		107	70-120			
Xylenes (total)	38.3	0.50	"	40.8		94	85-125			
Gasoline Range Organics (C4-C12)	450	50	"	440		102	75-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.74		"	2.50		110	80-135			
<i>Surrogate: Toluene-d8</i>	2.44		"	2.50		98	70-130			

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: ARCO #4494, Oakland, CA
 Project Number: G0C2G-0010
 Project Manager: Barbara Jakub

 MPC0394
 Reported:
 03/31/06 15:58

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 6C21004 - EPA 5035 / EPA 8260B
Laboratory Control Sample (6C21004-BS1)

Prepared: 03/21/06 Analyzed: 03/22/06

<i>Surrogate: Dibromofluoromethane</i>	2.40		ug/l	2.50		96	85-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.50		"	2.50		100	60-115			

Laboratory Control Sample Dup (6C21004-BSD1)

Prepared: 03/21/06 Analyzed: 03/22/06

tert-Amyl methyl ether	19.7	0.50	ug/l	16.3		121	65-135	4	25	PE
Benzene	5.65	0.50	"	5.04		112	70-125	1	15	
tert-Butyl alcohol	163	20	"	169		96	60-135	0	35	
Di-isopropyl ether	17.4	0.50	"	16.2		107	70-130	2	35	
1,2-Dibromoethane (EDB)	17.8	0.50	"	16.6		107	85-125	0	15	
1,2-Dichloroethane	17.6	0.50	"	15.5		114	75-125	0	10	PE
Ethanol	197	300	"	165		119	15-150	21	35	
Ethyl tert-butyl ether	19.3	0.50	"	16.4		118	65-130	4	35	PE
Ethylbenzene	6.61	0.50	"	7.28		91	80-130	0.6	15	
Methyl tert-butyl ether	8.46	0.50	"	7.84		108	50-140	2	25	PE
Toluene	40.3	0.50	"	38.0		106	70-120	0.7	15	
Xylenes (total)	38.2	0.50	"	40.8		94	85-125	0.3	15	
Gasoline Range Organics (C4-C12)	447	50	"	440		102	75-140	0.7	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.71		"	2.50		108	80-135			
<i>Surrogate: Toluene-d8</i>	2.45		"	2.50		98	70-130			
<i>Surrogate: Dibromofluoromethane</i>	2.48		"	2.50		99	85-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.52		"	2.50		101	60-115			

Batch 6C27021 - EPA 5030B/5035A MeOH / EPA 8260B
Blank (6C27021-BLK1)

Prepared & Analyzed: 03/27/06

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	5.0	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							PE
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	"							

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: ARCO #4494, Oakland, CA
 Project Number: G0C2G-0010
 Project Manager: Barbara Jakub

 MPC0394
 Reported:
 03/31/06 15:58

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 6C27021 - EPA 5030B/5035A MeOH / EPA 8260B
Blank (6C27021-BLK1)

Prepared & Analyzed: 03/27/06

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.74		"	5.00		95	60-135			
<i>Surrogate: Toluene-d8</i>	4.97		"	5.00		99	70-120			
<i>Surrogate: Dibromofluoromethane</i>	4.73		"	5.00		95	65-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	4.56		"	5.00		91	70-120			

Laboratory Control Sample (6C27021-BS1)

Prepared & Analyzed: 03/27/06

tert-Amyl methyl ether	16.3	0.50	ug/l	16.3		100	80-115			
Benzene	5.80	0.50	"	5.04		115	65-115			
tert-Butyl alcohol	159	5.0	"	169		94	75-150			
Di-isopropyl ether	18.0	0.50	"	16.2		111	75-125			
1,2-Dibromoethane (EDB)	17.3	0.50	"	16.6		104	85-120			
1,2-Dichloroethane	17.2	0.50	"	15.5		111	85-130			
Ethanol	193	100	"	165		117	70-135			PE
Ethyl tert-butyl ether	17.4	0.50	"	16.4		106	75-130			
Ethylbenzene	7.54	0.50	"	7.28		104	75-135			
Methyl tert-butyl ether	7.22	0.50	"	7.84		92	65-125			
Toluene	36.8	0.50	"	38.0		97	85-120			
Xylenes (total)	42.8	0.50	"	40.8		105	85-125			
Gasoline Range Organics (C4-C12)	466	50	"	440		106	60-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	4.95		"	5.00		99	60-135			
<i>Surrogate: Toluene-d8</i>	5.14		"	5.00		103	70-120			
<i>Surrogate: Dibromofluoromethane</i>	4.83		"	5.00		97	65-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	4.76		"	5.00		95	70-120			

Laboratory Control Sample Dup (6C27021-BSD1)

Prepared & Analyzed: 03/27/06

tert-Amyl methyl ether	14.8	0.50	ug/l	16.3		91	80-115	10	15	
Benzene	5.45	0.50	"	5.04		108	65-115	6	20	
tert-Butyl alcohol	144	5.0	"	169		85	75-150	10	25	
Di-isopropyl ether	17.6	0.50	"	16.2		109	75-125	2	15	
1,2-Dibromoethane (EDB)	17.0	0.50	"	16.6		102	85-120	2	15	
1,2-Dichloroethane	16.1	0.50	"	15.5		104	85-130	7	20	
Ethanol	182	100	"	165		110	70-135	6	35	PE
Ethyl tert-butyl ether	17.3	0.50	"	16.4		105	75-130	0.6	25	
Ethylbenzene	7.46	0.50	"	7.28		102	75-135	1	15	
Methyl tert-butyl ether	6.31	0.50	"	7.84		80	65-125	13	20	

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

Project: ARCO #4494, Oakland, CA
Project Number: G0C2G-0010
Project Manager: Barbara Jakub

MPC0394
Reported:
03/31/06 15:58

**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 6C27021 - EPA 5030B/5035A MeOH / EPA 8260B

Laboratory Control Sample Dup (6C27021-BSD1)

Prepared & Analyzed: 03/27/06

Toluene	37.0	0.50	ug/l	38.0		97	85-120	0.5	20	
Xylenes (total)	42.8	0.50	"	40.8		105	85-125	0	20	
Gasoline Range Organics (C4-C12)	442	50	"	440		100	60-140	5	25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.61</i>		<i>"</i>	<i>5.00</i>		<i>92</i>	<i>60-135</i>			
<i>Surrogate: Toluene-d8</i>	<i>4.98</i>		<i>"</i>	<i>5.00</i>		<i>100</i>	<i>70-120</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>4.55</i>		<i>"</i>	<i>5.00</i>		<i>91</i>	<i>65-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.69</i>		<i>"</i>	<i>5.00</i>		<i>94</i>	<i>70-120</i>			



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Oakland CA, 94612

Project: ARCO #4494, Oakland, CA
Project Number: G0C2G-0010
Project Manager: Barbara Jakub

MPC0394
Reported:
03/31/06 15:58

Notes and Definitions

PV Hydrocarbon result partly due to individ. peak(s) in quant. range
PE Possible high bias due to CCV falling outside acceptance criteria
CK Initial analysis within holding time but failed QA/QC criteria
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

Project Name: Analytical for QMR sampling
 BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 4494 > Historical/BL
 State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Fr
 Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time: <u>1220</u>	Temp: <u>65</u>
Off-site Time: <u>1430</u>	Temp: <u>60</u>
Sky Conditions: <u>Clear</u>	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: <u>Sequoia</u>	BP/AR Facility No.: <u>4494</u>	Consultant/Contractor: <u>URS</u>
Address: <u>885 Jarvis Drive</u> <u>Morgan Hill, CA 95037</u>	BP/AR Facility Address: <u>566 Hegenberger Rd., Oakland, CA 94621</u>	Address: <u>1333 Broadway, Suite 800</u> <u>Oakland, CA 94612</u>
Lab PM: <u>Lisa Race / Katt Min</u>	Site Lat/Long: <u>37.745046 / -122.195</u>	Consultant/Contractor Project No.: <u>38487533</u>
Tele/Fax: <u>408.782.8156 / 408.782.6308</u>	California Global ID No.: <u>T0600100104</u>	Consultant/Contractor PM: <u>Barb Jakub</u>
BP/AR PM Contact: <u>Paul Supple</u>	Enfos Project No.: <u>G0C2G-0010</u>	Tele/Fax: <u>510.874.3296 / 510.874.3268</u>
Address: <u>P.O. Box 6549</u> <u>Moraga, CA 94570</u>	Provision or RCOP: <u>Provision</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
Tele/Fax: <u>925.299.8891 / 925.299.8872</u>	Phase/WBS: <u>04 - Mon/Remed by Natural Attenuation</u>	E-mail EDD To: <u>Donna Cospers@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	GRX / BTEX (8260)	MTBE, TAME, ETBE (8260)	DEP, TBA (8260)	EDB, 1,2-DCA (8260)	Ethanol (8260)						
1	MW-1	1240	3/8/06	X			MPC0394	3						X	X	X	X							
2	MW-6	1320	↓	X			02	3						X										
3	TB-4494-03092006	—	↓	X			03	3																on hold
4																								
5																								
6																								
7																								
8																								
9																								
10																								

Sampler's Name:	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
<u>Devin Reynal</u>	<u>[Signature]</u>	<u>3/8/06</u>	<u>1639</u>	<u>[Signature]</u>	<u>3/8/06</u>	<u>1639</u>
<u>Blaine Tech Services</u>	<u>[Signature]</u>	<u>3/8/06</u>	<u>175</u>	<u>[Signature]</u>	<u>3/8/06</u>	<u>175</u>
Shipment Date:	<u>[Signature]</u>	<u>3/8/06</u>	<u>1805</u>	<u>[Signature]</u>	<u>3/8/06</u>	<u>1805</u>
Shipment Method:						
Shipment Tracking No:						

Special Instructions:

Custody Seals In Place Yes No X Temp Blank Yes X No Cooler Temperature on Receipt 5.2 °C Trip Blank Yes X No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
 REC. BY (PRINT) EP
 WORKORDER: WPC0394

DATE REC'D AT LAB: 3-8-04
 TIME REC'D AT LAB: 1805
 DATE LOGGED IN: 3/10/04

For Regulatory Purposes?
 DRINKING WATER YES/NO 2
 WASTE WATER YES/NO NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / <u>Absent</u> Intact / Broken*									<div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; transform: rotate(45deg); opacity: 0.5;"> WPC 3-8-04 </div>
2. Chain-of-Custody <u>Present</u> / Absent*									
3. Traffic Reports or Packing List: Present / <u>Absent</u>									
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #:									
6. Sample Labels: <u>Present</u> / Absent									
7. Sample IDs: <u>Listed</u> / Not Listed on Chain-of-Custody									
8. Sample Condition: <u>Intact</u> / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <u>Yes</u> / No*									
10. Sample received within hold time? <u>Yes</u> / No*									
11. Adequate sample volume received? <u>Yes</u> / No*									
12. Proper preservatives used? <u>Yes</u> / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) <u>Yes</u> / No*									
14. Read Temp: <u>5.2 C</u> Corrected Temp: <u>5.2 C</u> Is corrected temp 4 +/-2°C? <u>Yes</u> / No** <small>(Acceptance range for samples requiring thermal pres.)</small>									

**Exception (if any): METALS / DFF ON ICE
 or Problem COC

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

ATTACHMENT C
HISTORICAL GROUNDWATER DATA

Table 2
Liquid Surface Elevation Data
ARCO Service Station 4494
888 Hegenberger Road at Eden Avenue
Oakland, California

Well Number	Date Gauged	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Depth to Liquid (feet, TOC)	SPH Thickness (feet)	Liquid Surface Elevation (feet, MSL)
MW-1	08/08/90	105.21	8.65	8.05	0.00	98.68
	08/19/90		7.00	7.00	0.00	98.51
	08/21/90		7.05	7.05	0.00	98.29
	08/07/90		7.24	7.24	0.00	98.07
	11/20/90		7.46	7.46	0.00	97.85
	11/29/90		7.40	7.40	0.00	97.91
	12/19/90		6.98	6.98	0.00	98.32
	01/29/91		7.23	7.23	0.00	98.08
	02/27/91		7.45	7.45	0.00	97.86
	03/07/91		6.88	6.88	0.00	98.25
	03/29/91		6.02	6.02	0.00	98.29
	05/02/91		7.04	7.04	0.00	98.27
	06/27/91		6.71	6.71	0.00	98.60
	07/24/91		6.91	6.91	0.00	98.40
	08/22/91		6.85	6.85	0.00	98.48
	08/30/91		7.04	7.04	0.00	98.27
	10/17/91		7.22	7.22	0.00	98.09
	11/21/91		7.17	7.17	0.00	98.14
	12/18/91		7.48	7.48	0.00	97.85
	01/19/92		7.44	7.44	0.00	97.87
	02/20/92		6.25	6.25	0.00	98.08
	03/20/92		6.40	6.40	0.00	98.91
	04/20/92		6.88	6.88	0.00	98.43
	05/19/92		7.10	7.10	0.00	98.21
	06/08/92		7.22	7.22	0.00	98.00
	07/15/92		7.82	7.82	0.00	97.39
	08/08/92		7.29	7.29	0.00	98.81
	10/28/92		7.34	7.34	0.00	98.76
	11/25/92		8.15	8.15	0.00	97.85
	08/18/93		7.23	7.23	0.00	98.87
	11/17/93		7.51	7.51	0.00	98.59
	02/21/94		6.59	6.59	0.00	98.54
	05/11/94		6.57	6.57	0.00	98.53
08/12/94	7.12	7.12	0.00	98.98		
11/17/94	6.89	6.89	0.00	98.26		
02/22/95	7.35	7.35	0.00	98.75		
05/24/95	7.07	7.07	0.00	98.03		
08/23/95	7.10	7.10	0.00	98.60		
11/17/95	7.72	7.72	0.00	98.38		
MW-2	08/08/90	105.78	9.82'	9.00	0.82	95.86
	08/19/90		NM	NM	0.17	NM
	08/21/90		NM	NM	0.17	NM
	08/07/90		8.34'	8.17	0.17	98.44
	11/20/90		8.20'	8.2	Sheen	98.58
	11/29/90		8.92'	8.82	Sheen	95.89
	12/19/90		8.88	8.95	0.00	98.53
	01/29/91		9.01	8.01	Sheen	98.77
	02/27/91		8.14	8.14	Sheen	98.84
	03/07/91		8.94	8.94	Sheen	98.84
	03/29/91		8.11	8.11	Sheen	97.87
05/02/91	8.72	8.72	0	97.06		

3300-412B\025TBL8\JL81Table2

Recreated from hard copies of tables developed by Pacific Environmental Group, Inc.

February 15, 1996

Table 2 (continued)
Liquid Surface Elevation Data

ARCO Service Station 4404
666 Hegenberger Road at Edes Avenue
Oakland, California

Well Number	Date Gauged	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Depth to Liquid (feet, TOC)	SFH Thickness (feet)	Liquid Surface Elevation (feet, MSL)
MW-2 (cont.)	08/27/91	106.57	8.20	8.2	Shoen	98.58
	07/24/91		8.25	8.25	0.00	98.53
	08/23/91		8.20	8.20	0.00	98.58
	09/30/91		8.31	8.31	Shoen	98.47
	10/17/91		8.39	8.39	Shoen	98.39
	11/21/91		8.20	8.2	0	98.58
	12/18/91		8.28	8.28	Shoen	98.55
	01/18/92		8.99*	8.99	Skimmer	98.82
	02/26/92		8.13**	8.13	Skimmer	98.65
	03/20/92		8.31**	8.31	Skimmer	98.47
	04/20/92		8.69	8.69	Skimmer	98.03
	05/18/92		8.82	8.82	Skimmer	98.88
	06/08/92		8.84	8.84	Skimmer	98.84
	07/18/92		10.18	10.18	Skimmer	98.59
	08/08/92		10.05	10.05	Skimmer	98.82
	10/28/92		10.00	10.00	Skimmer	98.67
11/23/92	8.88	8.87	0.01	98.69		
		Well Destroyed				
MW-3	08/18/90	105.61	8.87	8.87	0.00	98.84
	08/21/90		8.85	8.85	0.00	98.83
	09/07/90		8.98	8.98	0.00	98.63
	11/20/90		8.10	8.10	0.00	98.41
	11/28/90		8.05	8.05	0.00	98.48
	12/18/90		8.67	8.67	0.00	98.54
	01/28/91		8.98	8.98	0.00	98.55
	02/27/91		8.71	8.71	0.00	98.80
	03/07/91		8.48	8.48	0.00	97.02
	03/28/91		7.85	7.85	0.00	97.88
	05/02/91		8.82	8.82	0.00	98.88
	06/27/91		8.94	8.94	0.00	98.67
	07/24/91		8.98	8.98	0.00	98.55
	08/22/91		8.92	8.92	0.00	98.59
	09/30/91		8.84	8.84	0.00	98.47
	10/17/91		8.12	8.12	0.00	98.68
	11/21/91		8.82	8.82	0.00	98.59
	12/18/91		8.97	8.97	0.00	98.54
	01/18/92		8.89	8.89	0.00	98.82
	02/20/92		7.78	7.78	0.00	97.73
	03/20/92		8.15	8.15	0.00	97.96
	04/20/92		8.57	8.57	0.00	98.84
	05/18/92		8.78	8.78	0.00	98.75
	06/08/92		8.74	8.74	0.00	98.77
	07/18/92		8.12	8.12	0.00	98.39
	08/08/92		8.95	8.95	0.00	97.34
10/28/92	8.78	8.78	0.00	97.51		
11/23/92	8.91	8.91	0.00	98.38		
03/16/93	8.82	8.82	0.00	97.67		
11/17/93	8.72	8.72	0.00	97.57		
02/21/94	7.91	7.81	0.00	88.38		
05/11/94	8.09	8.09	0.00	96.20		

Table 2 (continued)
Liquid Surface Elevation Data

ARCO Service Station 4494
666 Hegenberger Road at Edes Avenue
Oakland, California

Well Number	Date Cugged	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Depth to Liquid (feet, TOC)	SPH Thickness (feet)	Liquid Surface Elevation (feet, MSL)
MV-3 (cont.)	08/12/84		8.78	8.78	0.00	97.51
	11/17/84		8.45	8.45	0.00	97.84
	02/22/85		8.85	8.85	0.00	97.34
	05/24/85		8.67	8.67	0.00	97.82
	08/23/85		8.17	8.17	0.00	97.12
	11/17/85		8.89	8.39	0.00	96.90
MV-4	08/18/80	105.61	8.18	8.18	0.00	98.46
	08/21/80		8.22	8.22	0.00	98.28
	09/07/80		8.39	8.39	0.00	98.22
	11/20/80		8.57	8.57	0.00	98.04
	11/23/80		8.63	8.63	0.00	98.08
	12/19/80		8.13	8.13	0.00	98.49
	01/28/81		8.68	8.68	0.00	97.85
	02/27/81		8.44	8.44	0.00	98.17
	03/07/81		8.18	8.18	0.00	98.45
	03/28/81		7.68	7.68	0.00	99.05
	05/02/81		8.25	8.25	0.00	98.38
	06/27/81		7.75	7.75	0.00	98.69
	07/24/81		8.12	8.12	0.00	98.49
	08/22/81		7.88	7.88	0.00	98.63
	09/30/81		8.28	8.28	0.00	98.35
	10/17/81		8.42	8.42	0.00	98.19
	11/21/81		8.65	8.65	0.00	97.98
	12/18/81		8.77	8.77	0.00	97.84
	01/16/82		8.42	8.42	0.00	98.19
	02/20/82		7.90	7.90	0.00	99.01
	03/20/82		7.81	7.81	0.00	99.00
	04/20/82		8.15	8.15	0.00	98.48
	05/19/82		8.14	8.14	0.00	98.47
	06/08/82		8.40	8.40	0.00	98.21
	07/15/82		8.72	8.72	0.00	97.89
	08/08/82	107.40	8.52	8.52	0.00	98.88
	10/28/82		8.69	8.69	0.00	98.77
	11/23/82		8.78	8.78	0.00	98.65
08/18/83		8.69	8.69	0.00	98.71	
11/17/83		9.11	9.11	0.00	96.29	
02/21/84		8.18	8.18	0.00	99.24	
05/11/84		8.29	8.29	0.00	98.11	
08/12/84		8.75	8.75	0.00	98.65	
11/17/84		8.40	8.40	0.00	99.00	
02/22/85		8.72	8.72	0.00	98.68	
05/24/85		8.83	8.83	0.00	98.77	
08/23/85		8.50	8.50	0.00	100.90	
11/17/85		9.18	9.18	0.00	98.25	
MV-5	08/06/82	105.19	7.18	7.18	0.00	99.00
	10/28/82		8.89	8.89	0.00	98.29
	11/23/82		8.90	8.90	0.00	98.28
	08/18/83		7.86	7.86	0.00	98.13
	11/17/83		8.91	8.91	0.00	98.28
	02/21/84		8.52	8.52	0.00	98.67
	05/11/84		8.18	8.18	0.00	99.01
	08/12/84		8.81	8.81	0.00	98.38
	11/17/84		8.38	8.38	0.00	98.81
02/22/85		8.25	8.25	0.00	98.94	

3300412BWC95TBLS.XLS!Table2

Recreated from hard copies of tables developed by Pacific Environmental Group, Inc.

February 15, 1998

Table 2 (continued)
Liquid Surface Elevation Data

ARCO Service Station 4494
568 Hegenberger Road at Edes Avenue
Oakland, California

Well Number	Date Gauged	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Depth to Liquid (feet, TOC)	SPH Thickness (feet)	Liquid Surface Elevation (feet, MSL)	
MW-5 (cont.)	05/24/85		6.30	6.30	0.00	98.28	
	08/23/85		6.90	6.90	0.00	98.28	
	11/17/85		7.02	7.02	0.00	98.17	
MW-6	08/06/82	105.07	7.01	7.01	0.00	98.08	
	10/29/82		6.70	6.70	0.00	98.37	
	11/23/82		6.75	6.75	0.00	98.32	
	08/16/83		6.71	6.71	0.00	98.58	
	11/17/83		6.87	6.87	0.00	98.40	
	02/21/84		6.31	6.31	0.00	99.78	
	05/11/84		6.58	6.58	0.00	99.09	
	08/12/84		6.80	6.80	0.00	98.47	
	11/17/84		6.09	6.09	0.00	98.86	
	02/22/85		6.85	6.85	0.00	99.22	
	05/24/85		6.92	6.92	0.00	99.18	
	08/23/85		6.50	6.50	0.00	98.67	
	11/17/85		6.75	6.75	0.00	98.32	
	MW-7	08/06/82	106.52	8.28	8.28	0.00	97.24
		10/29/82		8.02	8.02	0.00	98.80
11/23/82			8.21	8.21	0.00	97.31	
08/16/83			8.11	8.11	0.00	97.41	
11/17/83			8.11	8.11	0.00	97.41	
02/21/84			7.34	7.34	0.00	98.18	
05/11/84			7.45	7.45	0.00	98.07	
08/12/84			8.13	8.13	0.00	97.86	
11/17/84			7.90	7.90	0.00	97.82	
02/22/85			8.40	8.40	0.00	97.12	
05/24/85			8.28	8.28	0.00	97.28	
08/23/85			8.60	8.60	0.00	98.82	
11/17/85			8.73	8.73	0.00	98.78	
RW-1	08/18/83	NM					
	11/17/83				Well Dry		
	02/21/84		7.59	7.59	0.00	NM	
	05/11/84		7.56	7.56	0.00	NM	
	08/12/84		7.58	7.58	0.00	NM	
	11/17/84		7.58	7.58	0.00	NM	
	02/22/85		8.00	8.00	0.00	NM	
	05/24/85		8.10	8.10	0.00	NM	
	08/23/85		8.87	8.87	0.00	NM	
	11/17/85		8.15	8.15	0.00	NM	

MSL = Mean sea level
 TOC = Top of casing
 * = Separate-phase hydrocarbons present in well.
 ** = Skimmer installed (12/24/81).
 NM = Not measured

3300412B\4095TBL5.XLS\table2

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February 15, 1998

Table 3
Groundwater Analytical Data
Total Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, TEPH as Diesel, and Total Oil and Grease)

ARCO Service Station 4494
566 Hegenberger Road at Edes Avenue
Oakland, California

Well Number	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	TEPH as Diesel (ppb)	Total Oil and Grease (ppm)	
MW-1	08/18/90	<.50	<.50	<.50	<.50	<.50	<.50	<500	
	08/18/90	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	09/07/90	N/A	N/A	N/A	N/A	N/A	N/A	<500	
	11/28/90	<.50	<.50	0.7	<.50	<.50	N/A	N/A	
	03/07/91	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	09/27/91	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	09/30/91	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	12/18/91	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	03/20/92	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	09/08/92	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	09/08/92	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	10/28/92	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	09/18/93	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	11/17/93	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	02/22/94	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	05/11/94	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	09/12/94	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	11/17/94	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	02/22/95	Well Sampled Annually							
	05/24/95	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
08/29/95	Well Sampled Annually								
11/17/95	Well Sampled Annually								
MW-2	08/18/90	0.92 foot of Separate-Phase Hydrocarbons							
	08/18/90	0.17 foot of Separate-Phase Hydrocarbons							
	09/07/90	Separate-Phase Hydrocarbons							
	11/28/90	Separate-Phase Hydrocarbons							
	03/07/91	Separate-Phase Hydrocarbons							
	09/27/91	Separate-Phase Hydrocarbons							
	09/30/91	Separate-Phase Hydrocarbons							
	12/18/91	Separate-Phase Hydrocarbons							
	03/20/92	48,000	2,000	650	2,300	7,000	N/A	N/A	
	09/08/92	43,000	2,900	940	240	5,100	N/A	N/A	
09/08/92	78,000	2,500	6,700	2,900	15,000	N/A	N/A		
10/28/92	NS	NS	NS	NS	NS	NS	NS		
12/08/92	Well Destroyed								
MW-3	08/18/90	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	08/18/90	N/A	N/A	N/A	N/A	N/A	N/A	<5000	
	09/07/90	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	11/28/90	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	03/07/91	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	09/27/91	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	09/30/91	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	12/18/91	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	03/20/92	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
	09/08/92	<.50	<.50	<.50	<.50	<.50	N/A	N/A	
09/08/92	<.50	<.50	<.50	<.50	<.50	N/A	N/A		
10/28/92	<.50	<.50	<.50	<.50	<.50	N/A	N/A		
09/18/93	<.50	<.50	<.50	<.50	<.50	N/A	N/A		
11/17/93	<.50	<.50	<.50	<.50	<.50	N/A	N/A		

S300412BWC95TBLS.XLS\Tables

Recreated from hard copies of tables developed by Pacific Environmental Group, Inc.

February 15, 1998

Table 3 (continued)
 Groundwater Analytical Data
 Total Petroleum Hydrocarbons
 (TPPH as Gasoline, BTEX Compounds, TEPH as Diesel, and Total Oil and Grease)

ARCO Service Station 4494
 566 Hegenberger Road at Edes Avenue
 Oakland, California

Well Number	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	TEPH as Diesel (ppb)	Total Oil and Grease (ppm)
MW-3 (cont.)	02/22/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	05/11/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	09/12/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	11/17/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	02/22/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	05/24/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	08/23/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
11/17/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
Well Sampled Annually								
MW-4	05/18/90	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	05/07/90	N/A	N/A	N/A	N/A	N/A	N/A	<5,000
	11/29/90	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	03/07/91	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	08/27/91	<0.5	0.75	1.1	0.30	1.6	N/A	N/A
	08/30/91	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	12/18/91	<0.5	0.54	1.2	0.30	0.60	N/A	N/A
	03/20/92	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	06/03/92	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	08/06/92	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	10/29/92	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	06/15/93	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	11/17/93	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	02/22/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	05/11/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	09/12/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	11/17/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
02/22/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
05/24/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
08/23/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
11/17/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
Well Sampled Annually								
MW-5	08/06/92	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	10/29/92	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	08/16/93	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	11/17/93	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	02/22/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	05/11/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	09/12/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	11/17/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	02/22/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
05/24/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
08/23/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
11/17/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
Well Sampled Annually								
MW-6	08/06/92	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	10/29/92	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	08/16/93	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	11/17/93	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	02/22/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	05/11/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	09/12/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A
11/17/94	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
02/22/95	<0.5	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
Well Sampled Annually								

30004128VQ05TBLS.XLSIT:tbl3

Recreated from hard copies of tables developed by Pacific Environmental Group, Inc.

February 15, 1998

Table 3 (continued)
 Groundwater Analytical Data
 Total Petroleum Hydrocarbons
 (TPPH as Gasoline, STEK Compounds, TEPH as Diesel, and Total Oil and Grease)

ARCO Service Station 4484
 555 Hoganberger Road at Edes Avenue
 Oakland, California

Well Number	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	TEPH as Diesel (ppb)	Total Oil and Grease (ppm)
MW-5 (cont.)	05/24/95	<50	<0.50	<0.50	<0.50	<0.50	N/A	N/A
	08/23/95							
	11/17/95							
		Well Sampled Annually						
MW-7	08/08/92	50	<0.50	<0.50	<0.50	<0.50	N/A	N/A
	10/29/92	50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	06/18/93	50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	11/17/93	50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	02/22/94	50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	05/11/94	50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	08/12/94	50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	11/17/94	50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	02/22/95							
	05/24/95	50	<0.50	<0.50	<0.50	<0.50	N/A	N/A
	08/23/95							
11/17/95								
		Well Sampled Annually						
RW-1	08/18/93	NS	NS	NS	NS	NS	NS	NS
	11/17/93	NS	NS	NS	NS	NS	NS	NS
	02/22/94	280	2,100	19	40	68	N/A	N/A
	05/11/94	3,300	32	28	87	310	N/A	N/A
	08/12/94	4,800	42	58	180	400	N/A	N/A
	11/17/94	1,400	58	21	28	210	N/A	N/A
	02/22/95	8,100	140	<10	650	580	N/A	N/A
	05/24/95	840	53	0.78	11	1.4	N/A	N/A
	08/23/95	820	2.1	2.3	0.67	0.87	N/A	N/A
	11/17/95	1,100	7.8	21	48	180	N/A	N/A

ppb = Parts per billion
 ppm = Parts per million
 N/A = Not applicable
 NS = Not sampled

Table 4
Groundwater Analytical Data
Total Methyl t-Butyl Ether

ARCO Service Station 4494
568 Hegenberger Road at Edes Avenue
Oakland, California

Well Number	Date Sampled	Methyl t-Butyl Ether (ppb)
MW-1	08/23/95	NS
MW-2	08/23/95	NS
MW-3	08/23/95	NS
MW-4	08/23/95	NS
MW-5	08/23/95	NS
MW-6	08/23/95	NS
MW-7	08/23/95	NS
RW-1	08/23/95	13

ppb = Parts per Billion
NS = Not sampled
See certified analytical report for detection limit.

ATTACHMENT D

**ERROR CHECK REPORTS AND
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ARCO # 04494	<u>Regional Board - Case #: 01-0112</u>
566 HEGENBERGER RD	SAN FRANCISCO BAY RWQCB (REGION 2)
OAKLAND, CA 94621	<u>Local Agency (lead agency) - Case #: 3854</u>
	ALAMEDA COUNTY LOP - (AG)

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	6
METHOD HOLDING TIME VIOLATIONS	6
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	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER 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 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-	Y

130%

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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Facility Name: ARCO # 04494
Submittal Title: 1Q 2006 QMR BP/ARCO 4494 EDF
Submittal Type: GW Monitoring Report

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ARCO # 04494 566 HEGENBERGER RD OAKLAND, CA 94621	Regional Board - Case #: 01-0112 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: 3854 ALAMEDA COUNTY LOP - (AG)
--	--

CONF #	TITLE	QUARTER
2902798771	1Q 2006 QMR BP/ARCO 4494 EDF	Q1 2006
SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	4/12/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	6
METHOD HOLDING TIME VIOLATIONS	6
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	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER 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 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

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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GOWELL

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ATTACHMENT E
JOINT MONITORING REPORT

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

April 10, 2006

Denis Brown
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

First Quarter 2006 Groundwater Monitoring at
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Monitoring performed on March 8, 2006

Groundwater Monitoring Report **060308-DR-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Coordinator

MN/ks

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Anni Kreml
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5900 Hollis Street, Suite A
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WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1 (a)	08/26/1998	2,700	28	55	59	39	33,000	NA	NA	NA	NA	NA	NA	10.54	7.91	2.63	1.8
MW-1 (b)	08/26/1998	<1,000	22	<10	<10	<10	17,000	NA	NA	NA	NA	NA	NA	10.54	7.91	2.63	2.2
MW-1	12/28/1998	<5,000	<50.0	<50.0	<50.0	<50.0	153,000	33,000	NA	NA	NA	NA	NA	10.54	8.75	1.79	1.9
MW-1	03/29/1999	<2,000	<20.0	<20.0	<20.0	<20.0	693,000	NA	NA	NA	NA	NA	NA	10.54	8.32	2.22	2.0
MW-1	06/22/1999	20,000	<200	<200	<200	<200	150,000	NA	NA	NA	NA	NA	NA	10.54	9.05	1.49	1.7
MW-1	09/30/1999	<2,500	<25.0	<25.0	<25.0	<25.0	30,900	NA	NA	NA	NA	NA	NA	10.54	8.35	2.19	2.6
MW-1	11/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.54	9.58	0.96	NA
MW-1	11/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.54	9.65	0.89	NA
MW-1	12/02/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.54	9.55	0.99	NA
MW-1	12/10/1999	<50.0	29.7	<20.0	<20.0	<20.0	76,300	NA	NA	NA	NA	NA	NA	10.54	8.86	1.68	1.2
MW-1	03/02/2000	<2,500	<25.0	<25.0	<25.0	<25.0	27,600	NA	NA	NA	NA	NA	NA	10.54	8.83	1.71	3.2
MW-1	06/08/2000	<2,000	<20.0	<20.0	<20.0	<20.0	59,000	67,600	NA	NA	NA	NA	NA	10.54	7.78	2.76	1.9
MW-1	09/05/2000	<10,000	411	<100	<100	<100	71,100	115,000e	NA	NA	NA	NA	NA	10.54	7.84	2.70	NA
MW-1	12/15/2000	35,600	1,310	<50.0	<50.0	<50.0	136,000	f	NA	NA	NA	NA	NA	10.54	7.65	2.89	NA
MW-1	03/09/2001	<10,000	1,390	<100	<100	<100	89,600	164,000	NA	NA	NA	NA	NA	10.54	6.44	4.10	NA
MW-1	06/27/2001	<5,000	<50	<50	<50	<50	NA	19,000	NA	NA	NA	NA	NA	10.54	8.46	2.08	NA
MW-1	09/19/2001	<5,000	<50	<50	<50	<50	NA	52,000	NA	NA	NA	NA	NA	10.54	8.10	2.44	NA
MW-1	12/31/2001	<5,000	<25	<25	<25	<25	NA	17,000	NA	NA	NA	NA	NA	10.54	7.31	3.23	NA
MW-1	03/14/2002	<20,000	<200	<200	<200	<200	NA	60,000	NA	NA	NA	NA	NA	10.54	7.68	2.86	NA
MW-1	06/25/2002	<5,000	<50	<50	<50	<50	NA	34,000	NA	NA	NA	NA	NA	10.54	8.40	2.14	NA
MW-1	09/19/2002	<2,500	<25	<25	<25	<25	NA	18,000	NA	NA	NA	NA	NA	10.52	8.58	1.94	NA
MW-1	12/12/2002	<5,000	<50	<50	<50	<50	NA	30,000	NA	NA	NA	NA	NA	10.52	8.41	2.11	NA
MW-1	01/02/2003	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA	NA	NA	10.52	7.45	3.07	NA
MW-1	03/20/2003 g	3,800	<25	<25	<25	<25	5,500	NA	NA	NA	NA	NA	NA	10.52	8.21	2.31	NA
MW-1	06/23/2003	<10,000	<100	<100	<100	<200	NA	35,000	NA	NA	NA	NA	NA	10.52	9.02	1.50	NA
MW-1	09/22/2003	<5,000	<50	<50	<50	<100	NA	15,000	NA	NA	NA	NA	NA	10.52	15.74	-5.22	NA
MW-1	12/03/2003	<1,300	<13	<13	<13	<25	NA	3,600	NA	NA	NA	NA	NA	10.52	18.35 h	NA	NA
MW-1	03/18/2004	<250	<2.5	<2.5	<2.5	<5.0	NA	570	NA	NA	NA	NA	NA	10.52	7.32	3.20	NA
MW-1	05/25/2004	<250	<2.5	<2.5	<2.5	<5.0	NA	250	NA	NA	NA	NA	NA	10.52	6.80	3.72	NA
MW-1	09/22/2004	<2,000	<20	<20	<20	<40	NA	170	<80	<80	<80	20,000	<2,000	10.52	6.55	3.97	NA

WELL CONCENTRATIONS
Shell-branded Service Station
540 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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MW-1	12/22/2004	<500	<5.0	<5.0	<5.0	<10	NA	57	NA	NA	NA	NA	NA	10.52	6.44	4.08	NA
MW-1	02/23/2005	<2,000	<20	<20	<20	<40	NA	110	NA	NA	NA	NA	NA	10.52	5.79	4.73	NA
MW-1	06/27/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	16	NA	NA	NA	NA	NA	10.52	6.43	4.09	NA
MW-1	08/31/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	32	<10	<10	<10	4,000	<250	9.27	6.38	2.89	NA
MW-1	12/14/2005	<50.0	<0.500	2.03	<0.500	<0.500	NA	30.4	NA	NA	NA	NA	NA	9.27	6.46	2.81	NA
MW-1	03/08/2006	417	1.87	<0.500	<0.500	0.830	NA	17.8	NA	NA	NA	3,380	NA	9.27	6.21	3.06	NA

MW-2 (a)	08/26/1998	<250	3.2	<2.5	<2.5	<2.5	4,000	NA	NA	NA	NA	NA	NA	9.21	7.18	2.03	2.4
MW-2 (b)	08/26/1998	<250	3.1	<2.5	<2.5	<2.5	4,800	NA	NA	NA	NA	NA	NA	9.21	7.18	2.03	2.7
MW-2 (D)(b)	08/26/1998	<250	4.8	<2.5	<2.5	6.0	3,300	NA	NA	NA	NA	NA	NA	9.21	7.18	2.03	2.7
MW-2	12/28/1998	<50.0	<0.500	<0.500	<0.500	<0.500	28.8	NA	NA	NA	NA	NA	NA	9.21	7.34	1.87	2.1
MW-2	03/29/1999	235	<0.500	<0.500	<0.500	3.4	101	NA	NA	NA	NA	NA	NA	9.21	6.85	2.36	2.0
MW-2	06/22/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	9.21	7.10	2.11	1.9
MW-2	09/30/1999	<50.0	<0.500	<0.500	<0.500	<0.500	1,700	NA	NA	NA	NA	NA	NA	9.21	8.06	1.15	1.0
MW-2	12/10/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	9.21	8.61	0.60	1.4
MW-2	03/02/2000	<500	11.5	<5.00	<5.00	<5.00	5,280	NA	NA	NA	NA	NA	NA	9.21	6.33	2.88	0.4
MW-2	06/08/2000	<50.0	0.670	<0.500	<0.500	<0.500	3,160	NA	NA	NA	NA	NA	NA	9.21	6.87	2.34	1.6
MW-2	09/05/2000	<1,000	<10.0	<10.0	<10.0	<10.0	9,600	NA	NA	NA	NA	NA	NA	9.21	6.79	2.42	NA
MW-2	12/15/2000	<200	<2.00	<2.00	<2.00	<2.00	6,320	NA	NA	NA	NA	NA	NA	9.21	6.76	2.45	NA
MW-2	03/09/2001	<500	<5.00	<5.00	<5.00	<5.00	17,200	NA	NA	NA	NA	NA	NA	9.21	6.28	2.93	NA
MW-2	06/27/2001	<100	1.4	<1.0	<1.0	<2.0	NA	470	NA	NA	NA	NA	NA	9.21	7.12	2.09	NA
MW-2	09/19/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	330	NA	NA	NA	NA	NA	9.21	7.17	2.04	NA
MW-2	12/31/2001	<100	<1.0	<1.0	<1.0	<1.0	NA	420	NA	NA	NA	NA	NA	9.21	6.24	2.97	NA
MW-2	03/14/2002	<250	4.5	3.3	<2.5	<2.5	NA	1,600	NA	NA	NA	NA	NA	9.21	6.72	2.49	NA
MW-2	06/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	110	NA	NA	NA	NA	NA	9.21	7.23	1.98	NA
MW-2	09/19/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	90	NA	NA	NA	NA	NA	9.19	7.48	1.71	NA
MW-2	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	170	NA	NA	NA	NA	NA	9.19	7.33	1.86	NA
MW-2	03/20/2003 g	56	<0.50	<0.50	<0.50	<0.50	58	NA	NA	NA	NA	NA	NA	9.19	7.65	1.54	NA
MW-2	06/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	44	NA	NA	NA	NA	NA	9.19	8.72	0.47	NA
MW-2	09/22/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	37	NA	NA	NA	NA	NA	9.19	8.84	0.35	NA

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MW-2	12/03/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	99	NA	NA	NA	NA	NA	9.19	8.95	0.24	NA
MW-2	03/18/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	24	NA	NA	NA	NA	NA	9.19	7.19	2.00	NA
MW-2	05/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	53	NA	NA	NA	NA	NA	9.19	8.40	0.79	NA
MW-2	09/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	24	<2.0	<2.0	<2.0	100	<50	9.19	7.08	2.11	NA
MW-2	12/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	39	NA	NA	NA	NA	NA	9.19	7.09	2.10	NA
MW-2	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	38	NA	NA	NA	NA	NA	9.19	6.50	2.69	NA
MW-2	06/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	28	NA	NA	NA	NA	NA	9.19	7.17	2.02	NA
MW-2	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	5.5	<2.0	<2.0	<2.0	19	<50	9.19	7.21	1.98	NA
MW-2	12/14/2005	<50.0	<0.500	2.16	<0.500	<0.500	NA	5.33	NA	NA	NA	NA	NA	9.19	7.13	2.06	NA
MW-2	03/08/2006	<50.0	<0.500	<0.500	<0.500	0.560	NA	18.8	NA	NA	NA	NA	NA	9.19	6.02	3.17	NA

MW-3 (a)	08/26/1998	2,300	180	330	<0.50	420	44,000	NA	NA	NA	NA	NA	NA	9.45	6.52	2.93	1.8
MW-3 (b)	08/26/1998	<50	<0.50	<0.50	<0.50	<0.50	52,000	75,000	NA	NA	NA	NA	NA	9.45	6.52	2.93	2.3
MW-3	12/28/1998	<5,00	139	<50.0	<50.0	<50.0	15,100	NA	NA	NA	NA	NA	NA	9.45	6.73	2.72	1.7
MW-3	03/29/1999	52,500	5,500	6,900	1,360	6,250	508,000	630,000 (c)	NA	NA	NA	NA	NA	9.45	6.21	3.24	2.1
MW-3	06/22/1999	58,000	6,600	9,850	1,640	6,950	677,000	653,000	NA	NA	NA	NA	NA	9.45	7.00	2.45	1.3
MW-3	09/30/1999	4,360	121	122	36.1	647	33,700	35,600	NA	NA	NA	NA	NA	9.45	6.84	2.61	0.6
MW-3	11/19/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.45	7.93	1.52	NA
MW-3	11/24/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.45	8.25	1.20	NA
MW-3	12/02/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.45	7.55	1.90	NA
MW-3	12/10/1999	4,220	973	26.3	273	584	88,200	NA	NA	NA	NA	NA	NA	9.45	7.28	2.17	2.5
MW-3	03/02/2000	65,300	5,210	10,300	2,650	15,100	56,800	59,800e	NA	NA	NA	NA	NA	9.45	5.87	3.58	d
MW-3	06/08/2000	72,700	3,570	10,200	2,100	13,400	44,400	NA	NA	NA	NA	NA	NA	9.45	5.32	4.13	1.1
MW-3	09/05/2000	26,100	959	2,910	1,090	5,640	24,000	NA	NA	NA	NA	NA	NA	9.45	5.60	3.85	NA
MW-3	12/15/2000	5,190	438	8.39	483	530	19,100	11,800f	NA	NA	NA	NA	NA	9.45	6.27	3.18	NA
MW-3	03/09/2001	5,880	472	42.2	392	1,290	41,800	NA	NA	NA	NA	NA	NA	9.45	5.71	3.74	NA
MW-3	06/27/2001	9,100	330	79	140	1,600	NA	31,000	NA	NA	NA	NA	NA	9.45	6.88	2.57	NA
MW-3	09/19/2001	790	14	18	17	67	NA	8,100	NA	NA	NA	NA	NA	9.45	6.70	2.75	NA
MW-3	12/31/2001	<5,000	220	<50	86	<50	NA	22,000	NA	NA	NA	NA	NA	9.45	5.92	3.53	NA
MW-3	03/14/2002	<2,500	<25	<25	<25	<25	NA	12,000	NA	NA	NA	NA	NA	9.45	6.25	3.20	NA

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MW-3	06/25/2002	<10,000	160	<100	<100	<100	NA	42,000	NA	NA	NA	NA	NA	9.45	6.65	2.80	NA
MW-3	09/19/2002	<10,000	650	<100	280	360	NA	84,000	NA	NA	NA	NA	NA	9.45	6.51	2.94	NA
MW-3	12/12/2002	<10,000	170	<100	<100	<100	NA	45,000	NA	NA	NA	NA	NA	9.45	6.97	2.48	NA
MW-3	01/02/2003	NA	59	<5.0	5.3	<10	NA	NA	NA	NA	NA	NA	NA	9.45	5.90	3.55	NA
MW-3	03/20/2003 g	5,100	<50	<50	<50	<50	4,400	NA	NA	NA	NA	NA	NA	9.45	6.87	2.58	NA
MW-3	06/23/2003	<5,000	<50	<50	<50	<100	NA	8,100	NA	NA	NA	NA	NA	9.45	13.80	-4.35	NA
MW-3	09/22/2003	<250	<2.5	4.6	<2.5	<5.0	NA	470	NA	NA	NA	NA	NA	9.45	6.31	3.14	NA
MW-3	12/03/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	180	NA	NA	NA	NA	NA	9.45	14.77 h	NA	NA
MW-3	03/18/2004	<1,000	14	<10	<10	<20	NA	2,500	NA	NA	NA	NA	NA	9.45	6.07	3.38	NA
MW-3	05/25/2004	3,900	<10	66	23	470	NA	140	NA	NA	NA	NA	NA	9.45	14.63	-5.18	NA
MW-3	09/22/2004	<10,000	830	<100	290	450	NA	28,000	<400	<400	<400	13,000	<10,000	9.45	4.86	4.59	NA
MW-3	12/22/2004	94	<0.50	<0.50	<0.50	<1.0	NA	84	NA	NA	NA	NA	NA	9.45	6.93	2.52	NA
MW-3	02/23/2005	<50 i	<0.50	<0.50	<0.50	<1.0	NA	85	NA	NA	NA	NA	NA	9.45	5.68	3.77	NA
MW-3	06/27/2005	<2,500	96	<25	29	<50	NA	6,100	NA	NA	NA	NA	NA	9.45	4.80	4.65	NA
MW-3	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	300	<2.0	<2.0	<2.0	700	<50	8.33	5.07	3.26	NA
MW-3	12/14/2005	647	6.16	2.37	1.88	<0.500	NA	303 j	NA	NA	NA	NA	NA	8.33	5.65	2.68	NA
MW-3	03/08/2006	901	20.8	<0.500	5.55	0.980	NA	313	NA	NA	NA	1,660	NA	8.33	5.57	2.76	NA

MW-4	09/25/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.88	7.64	2.24	NA
MW-4	12/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	9.88	7.55	2.33	NA
MW-4	03/09/2001	<50.0	<0.500	0.730	<0.500	0.529	3.16	NA	NA	NA	NA	NA	NA	9.88	7.04	2.84	NA
MW-4	06/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.76	2.12	NA
MW-4	09/19/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.69	2.19	NA
MW-4	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.08	2.80	NA
MW-4	03/14/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	7.57	2.31	NA
MW-4	06/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.50	1.38	NA
MW-4	09/19/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.22	1.66	NA
MW-4	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.08	1.80	NA
MW-4	03/20/2003 g	<50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	9.88	7.92	1.96	NA
MW-4	06/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.18	1.70	NA

WELL CONCENTRATIONS
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Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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MW-4	09/22/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	16	NA	NA	NA	NA	NA	9.88	8.28	1.60	NA
MW-4	12/03/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	NA	NA	9.88	8.44	1.44	NA
MW-4	03/18/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	NA	NA	9.88	7.52	2.36	NA
MW-4	05/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	NA	NA	NA	NA	NA	9.88	8.30	1.58	NA
MW-4	09/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	<5.0	<50	9.88	7.72	2.16	NA
MW-4	12/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	NA	NA	NA	NA	NA	9.88	7.32	2.56	NA
MW-4	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	18	NA	NA	NA	NA	NA	9.88	6.95	2.93	NA
MW-4	06/27/2005	55	<0.50	<0.50	<0.50	<1.0	NA	14	NA	NA	NA	NA	NA	9.88	7.48	2.40	NA
MW-4	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	15	<2.0	<2.0	<2.0	11	<50	9.88	7.53	2.35	NA
MW-4	12/14/2005	<50.0	<0.500	2.04	<0.500	<0.500	NA	10.1	NA	NA	NA	NA	NA	9.88	7.54	2.34	NA
MW-4	03/08/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	5.73	NA	NA	NA	NA	NA	9.88	6.19	3.69	NA

MW-5	06/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.36	NA	NA
MW-5	06/25/2002	<10,000	<100	<100	<100	<100	NA	60,000	NA	NA	NA	NA	NA	NA	8.30	NA	NA
MW-5	09/19/2002	<2,000	<20	<20	<20	<20	NA	7,200	NA	NA	NA	NA	NA	10.03	8.44	1.59	NA
MW-5	12/12/2002	<5,000	<50	<50	<50	<50	NA	33,000	NA	NA	NA	NA	NA	10.03	8.49	1.54	NA
MW-5	03/20/2003 g	12,000	<50	<50	<50	<50	15,000	NA	NA	NA	NA	NA	NA	10.03	8.23	1.80	NA
MW-5	06/23/2003	<1,000	<10	<10	<10	<20	NA	1,700	NA	NA	NA	NA	NA	10.03	16.70	-6.67	NA
MW-5	09/22/2003	<2,500	<25	<25	<25	<50	NA	4,400	NA	NA	NA	NA	NA	10.03	16.70	-6.67	NA
MW-5	12/03/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	70	NA	NA	NA	NA	NA	10.03	16.79	-6.76	NA
MW-5	03/18/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	43	NA	NA	NA	NA	NA	10.03	16.78	-6.75	NA
MW-5	05/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	30	NA	NA	NA	NA	NA	10.03	13.02	-2.99	NA
MW-5	09/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	20	<2.0	<2.0	<2.0	83	<50	10.03	5.91	4.12	NA
MW-5	12/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	67	NA	NA	NA	NA	NA	10.03	5.72	4.31	NA
MW-5	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	120	NA	NA	NA	NA	NA	10.03	4.41	5.62	NA
MW-5	06/27/2005	56	<0.50	<0.50	<0.50	<1.0	NA	46	NA	NA	NA	NA	NA	10.03	5.98	4.05	NA
MW-5	08/31/2005	<1,000	<10	<10	<10	<20	NA	69	<40	<40	<40	2,400	<1,000	9.03	6.60	2.43	NA
MW-5	12/14/2005	302	<0.500	2.02	<0.500	<0.500	NA	34.0	NA	NA	NA	NA	NA	9.03	5.00	4.03	NA
MW-5	03/08/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	34.6	NA	NA	NA	677	NA	9.03	4.18	4.85	NA

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C-1	09/19/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	1.44	NA	NA
C-1	03/29/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	2.59	NA	NA
C-1	06/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	3.72	NA	NA
C-1	09/19/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	3.08	NA	NA
C-1	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	0.64	NA	NA
C-1	03/20/2003 g	<50	<0.50	<0.50	<0.50	<0.50	<5.0	NA	NA	NA	NA	NA	NA	NA	4.61	NA	NA

SD-1	09/19/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	03/29/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	06/25/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	09/19/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	12/12/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	03/20/2003	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SD-2	09/19/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	03/29/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	06/25/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	09/19/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	12/12/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	03/20/2003	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

BW-A	06/22/1999	318	<0.50	<0.50	0.590	1.48	4,470	NA	NA	NA	NA	NA	NA	NA	4.71	NA	1.1
BW-A	06/25/2002	<500	<5.0	<5.0	<5.0	18	NA	3,100	NA	NA	NA	NA	NA	NA	5.14	NA	NA
BW-A	09/19/2002	<200	<2.0	<2.0	<2.0	<2.0	NA	<20	NA	NA	NA	NA	NA	NA	7.19	NA	NA
BW-A	12/12/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	2,900	NA	NA	NA	NA	NA	NA	6.40	NA	NA
BW-A	03/20/2003 g	<2,500	<25	<25	<25	<25	<250	NA	NA	NA	NA	NA	NA	NA	5.36	NA	NA
BW-A	06/23/2003	<1,000	<10	<10	<10	<20	NA	<100	NA	NA	NA	NA	NA	NA	10.27	NA	NA
BW-A	09/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.63	NA	NA	NA

BW-B	06/22/1999	<250	<2.5	<2.5	<2.5	<2.5	8,600	NA	NA	NA	NA	NA	NA	NA	5.90	NA	1.2
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WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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BW-B	06/27/2001	<5,000	<50	<50	<50	<50	NA	40,000	NA	NA	NA	NA	NA	NA	5.83	NA	NA
BW-B	12/31/2001	<2,000	<20	<20	<20	<20	NA	9,200	NA	NA	NA	NA	NA	NA	4.19	NA	NA
BW-B	03/14/2002	<2,000	<20	<20	<20	<20	NA	9,400	NA	NA	NA	NA	NA	NA	5.24	NA	NA
BW-B	06/25/2002	<2,000	<20	<20	<20	<20	NA	6,600	NA	NA	NA	NA	NA	NA	6.19	NA	NA
BW-B	09/19/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	<50	NA	NA	NA	NA	NA	NA	8.46	NA	NA
BW-B	12/12/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	1,700	NA	NA	NA	NA	NA	NA	7.46	NA	NA
BW-B	03/20/2003 g	170	<1.0	<1.0	<1.0	<1.0	190	NA	NA	NA	NA	NA	NA	NA	6.23	NA	NA
BW-B	06/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	43	NA	NA	NA	NA	NA	NA	9.95	NA	NA
BW-B	09/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.32	NA	NA	NA

BW-C	06/22/1999	<50	<0.50	<0.50	<0.50	0.98	11,000	NA	NA	NA	NA	NA	NA	NA	5.91	NA	1.6
BW-C	06/25/2002	<5,000	<50	<50	<50	<50	NA	20,000	NA	NA	NA	NA	NA	NA	6.49	NA	NA
BW-C	09/19/2002	<1,000	<10	<10	<10	<10	NA	400	NA	NA	NA	NA	NA	NA	8.52	NA	NA
BW-C	12/12/2002	<2,000	<20	<20	<20	<20	NA	8,000	NA	NA	NA	NA	NA	NA	7.57	NA	NA
BW-C	03/20/2003 g	270	<1.0	<1.0	<1.0	<1.0	250	NA	NA	NA	NA	NA	NA	NA	6.48	NA	NA
BW-C	06/23/2003	<1,000	<10	<10	<10	<20	NA	170	NA	NA	NA	NA	NA	NA	11.48	NA	NA
BW-C	09/22/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.81	NA	NA	NA

BW-D	06/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2,190	NA	NA	NA	NA	NA	NA	NA	4.78	NA	1.4
BW-D	06/25/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BW-D	07/02/2002	<1,000	23	<10	<10	<10	NA	<100	NA	NA	NA	NA	NA	NA	6.36	NA	NA
BW-D	09/19/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	<25	NA	NA	NA	NA	NA	NA	7.25	NA	NA
BW-D	12/12/2002	<5,000	<50	<50	<50	<50	NA	16,000	NA	NA	NA	NA	NA	NA	6.21	NA	NA
BW-D	03/20/2003 g	71	<0.50	<0.50	<0.50	<0.50	55	NA	NA	NA	NA	NA	NA	NA	5.23	NA	NA
BW-D	06/23/2003	<1,000	<10	<10	<10	<20	NA	<100	NA	NA	NA	NA	NA	NA	10.25	NA	NA
BW-D	09/22/2003	<100	<1.0	<1.0	<1.0	<2.0	NA	120	NA	NA	NA	NA	NA	NA	10.18	NA	NA
BW-D	12/03/2003	<1,300	110	<13	<13	29	NA	560	NA	NA	NA	NA	NA	NA	10.20	NA	NA
BW-D	03/18/2004	<50	0.67	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	NA	NA	3.42	NA	NA
BW-D	05/25/2004	<50	1.4	0.96	<0.50	<1.0	NA	1.7	NA	NA	NA	NA	NA	NA	8.83	NA	NA
BW-D	09/22/2004	<100	6.9	<1.0	2.1	4.2	NA	210	NA	NA	NA	NA	NA	NA	2.75	NA	NA

WELL CONCENTRATIONS
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BW-D	12/22/2004	61	2.1	2.9	<0.50	3.6	NA	5.4	NA	NA	NA	NA	NA	NA	3.67	NA	NA
BW-D	02/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	1.2	NA	NA	NA	NA	NA	NA	2.88	NA	NA
BW-D	06/27/2005	53	<0.50	<0.50	<0.50	<1.0	NA	1.8	NA	NA	NA	NA	NA	NA	3.70	NA	NA
BW-D	08/31/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	1.4	NA	NA	NA	NA	NA	8.61	3.82	4.79	NA
BW-D	12/14/2005	<50.0	<0.500	2.78	<0.500	<0.500	NA	2.26	NA	NA	NA	NA	NA	8.61	3.59	5.02	NA
BW-D	03/08/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	2.23	NA	NA	NA	NA	NA	8.61	3.61	5.00	NA

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 27, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 27, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

GW = Groundwater

DO = Dissolved Oxygen

ppm = Parts per million

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

WELL CONCENTRATIONS
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
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Notes:

a = Pre-purge

b = Post purge

c = Lab confirmed MTBE by mistake. MTBE value at MW-1 should have been confirmed instead.

d = DO reading not taken.

e = Sample was analyzed outside of the EPA recommended holding time.

f = The second highest MTBE hit was mistakenly confirmed. MTBE for MW-1 should have been confirmed.

g = On March 20, 2003, all analyses run by EPA Method 8015/8020.

h = Depth to top of pump; pump prevented depth to water measurement.

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

j = Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.

Ethanol analyzed by EPA Method 8260B.

Site surveyed September 21, 2000 by Virgil Chavez Land Surveying of Vallejo, CA.

C-1 is a canal sample location.

SD-1 and SD-2 are storm drains.

Wells MW-1 through MW-5 surveyed January 24 and June 19, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-1, MW-3, MW-5, and BW-D surveyed on September 22, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.

Unmonitored backfilled wells BW-A, BW-B, and BW-C surveyed on September 22, 2005 by Virgil Chavez Land Surveying of Vallejo, CA.