



Atlantic Richfield Company
(a BP affiliated company)

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



Alameda County
JUL 28 2005
Environmental Health

July 28, 2005

Re: Second Quarter 2005 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



July 28, 2005

Ms. Donna Drogas
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: Second Quarter 2005 Groundwater Monitoring Report
ARCO Service Station #4494
566 Hegenberger Road
Oakland, California
ACEH Case No. 3854**

Alameda County
JUL 28 2005
Environmental Health

Dear Ms. Drogas:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Second Quarter 2005 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) 874-3280.

Sincerely,

URS CORPORATION

Scott Robinson, P.G.
Project Manager

John H. Madigan, P.E.
Senior Engineer



Enclosure: Second Quarter 2005 Groundwater Monitoring Report

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

R E P O R T

**SECOND QUARTER 2005
GROUNDWATER MONITORING
REPORT**

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

Prepared for
RM

July 28, 2005

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

Date: July 28, 2005
Quarter: 2Q 05

SECOND QUARTER 2005 GROUNDWATER MONITORING REPORT

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

WORK PERFORMED THIS QUARTER (Second – 2005):

1. Prepared and submitted the First Quarter 2004 Groundwater Monitoring Report.
2. Performed the second quarter 2005 monitoring event on June 27, 2005.

WORK PROPOSED FOR NEXT QUARTER (Third – 2005):

1. Prepare and submit this Second Quarter 2005 Groundwater Monitoring Report.
2. Perform the third quarter 2005 groundwater monitoring event.

SITE SUMMARY:

Current Phase of Project: GW monitoring/sampling
Frequency of Groundwater Sampling: Quarterly: MW-1, MW-7
Semi-annually (1st and 3rd Quarter): MW-3 to MW-6, and RW-1
Frequency of Groundwater Monitoring: Quarterly
Is Free Product (FP) Present On-Site: No
Bulk Soil Removed to Date: 1,550 cubic yards
Current Remediation Techniques: None
Approximate Depth to Groundwater: 5.78 (MW-6) to 9.35 (MW-3) feet
Groundwater Gradient (direction): Northwest (onsite)
Groundwater Gradient (magnitude): 0.02 feet per foot

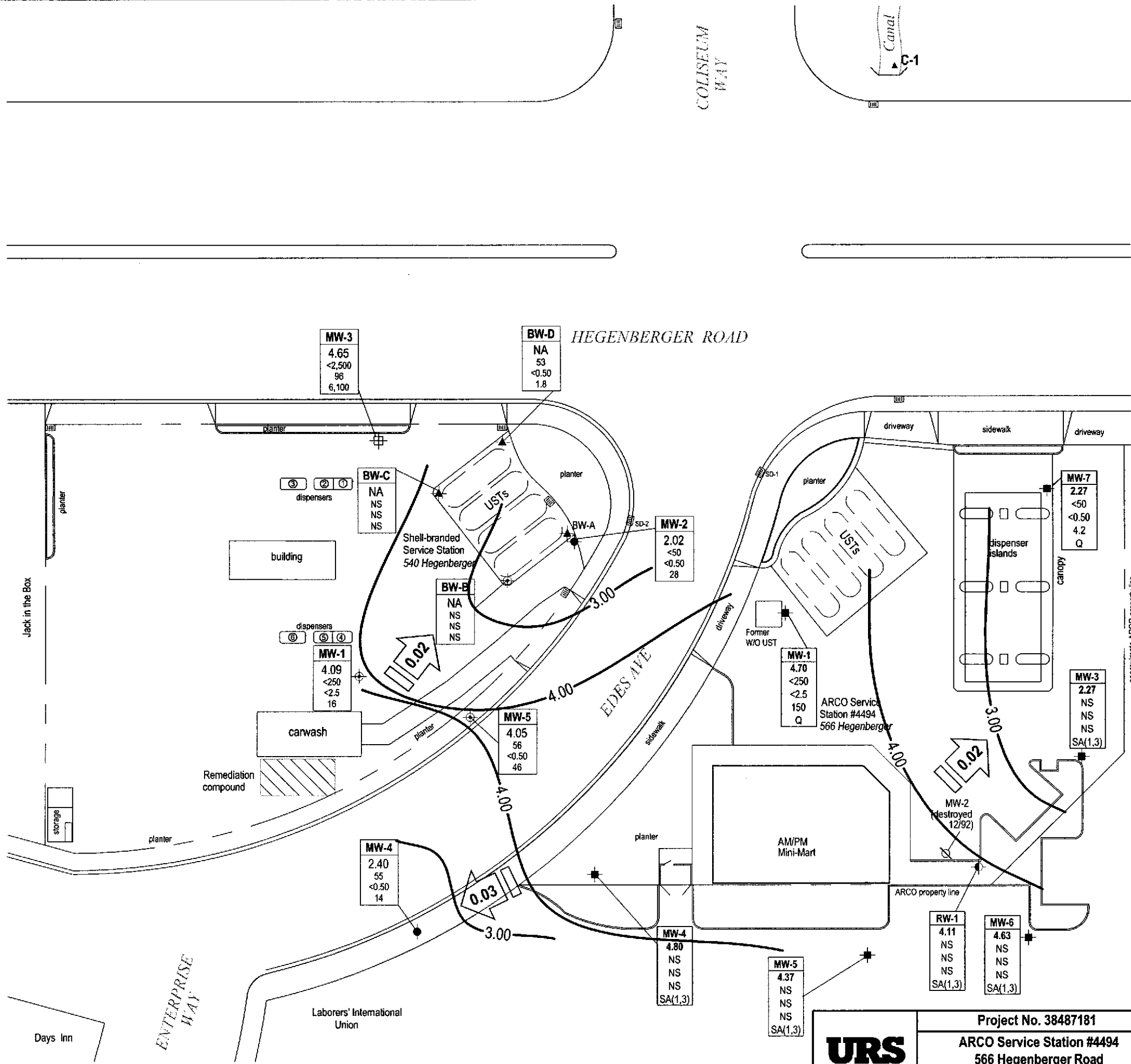
DISCUSSION:

During purging, well MW-1 dewatered at 22 gallons. Methyl tert-butyl ether was detected at or above the laboratory reporting limit in both two wells sampled this quarter at concentrations of 4.2 micrograms per liter ($\mu\text{g/L}$) (MW-7) and 150 $\mu\text{g/L}$ (MW-1). Tert-butyl alcohol was detected at or above the laboratory reporting limit in one well at a concentration of 86 $\mu\text{g/L}$ (MW-7). No other fuel components were detected at or above their respective laboratory reporting limits.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – June 27, 2005
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additive 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

Jul 27, 2005 - 10:56am
 X:\x_envi_waste\BFP_GEM\sites\Scott_Robinson\Paul_Supple\4494_Monitoring_2005_Qtr_2\Drawings\4494-2005-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

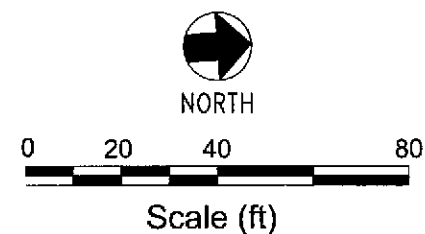
Well	Well designation
ELEV	Groundwater elevation
GRO	Concentration of GRO, Benzene and MTBE in groundwater (µg/L)
Benzene	
MTBE	
Q or A	Sampling period

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

0.02 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. 38487181	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	2.10	6.9
	03/18/2004	P		11.36	13.00	--	6.68	4.68	<250	<2.5	<2.5	<2.5	<2.5	130	2.40	7.0
	05/25/2004	P		11.36	13.00	--	7.55	3.81	<250	<2.5	<2.5	<2.5	<2.5	120	1.30	7.0
	09/22/2004	P		11.36	13.00	--	6.78	4.58	150	1.5	<1.0	<1.0	<1.0	140	3.80	7.12
	12/22/2004	P		11.36	13.00	--	6.44	4.92	<500	<5.0	<5.0	<5.0	<5.0	74	1.70	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	2.10	7.2
	06/27/2005	P		11.36	13.00	--	6.66	4.70	<250	<2.5	<2.5	<2.5	<2.5	150	3.60	7.4
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	---	---
	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

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-3	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	0.80	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	1.60	8.2
	06/27/2005	--		11.62	7.00	--	9.35	2.27	--	--	--	--	--	--	--	--
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	4.50	8.4
	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	3.70	--
	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	1.10	7.3	
06/27/2005	--		13.18	7.00	--	8.38	4.80	--	--	--	--	--	--	--	--	
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	---	---

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-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	0.70	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	--	--	--	--	--	--	--	--
MW-6	6/20/2000	--		105.07	8.00	--	6.24	98.83	<50	<0.5	<0.5	<0.5	<1.0	<10	---	---
	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

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	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	0.90	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	1.30	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	2.60	7.1
	06/27/2005	--		10.41	8.00	--	5.78	4.63	--	--	--	--	--	--	--	--
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
	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	0.10	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	0.70	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	0.90	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	2.80	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	1.30	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	0.10	6.7	
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	--	--

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	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	0.90	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	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--

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
ft bgs = Feet below ground surface
GRO = Gasoline range organics
GWE = Groundwater elevation
mg/L = Milligrams per liter
MSL = Mean sea level
MTBE = Methyl tertiary butyl ether analyzed by EPA Method 8021B prior to 3/20/03 unless otherwise noted.
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
ug/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 TPHg/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 = Top of casing 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 = Top of casing was found shattered on December 12, 2002. Top of Casing (TOC) unknown.

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. TPHg was changed to GRO. The resulting data may be impacted by the potential of non-TPHg 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	
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	
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	
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	
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	

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-6	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	
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	
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	

Table 2

Fuel Additives Analytical Data ARCO Service Station #4494 566 Hegenberger Rd., Oakland, CA

SYMBOLS AND ABBREVIATIONS:

< = Not detected at or above the 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 was outside of client contractual acceptance limits. However, it was within method acceptance limits and should be useful for its intended purpose.

NOTES:

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

Table 3

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

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
6/20/2000	North-Northeast	0.02
9/28/2000	North	0.02
12/17/2000	North-Northwest	0.01
3/28/2001	Northwest	0.01
6/21/2001	North	0.02
9/23/2001	North	0.02
12/31/2001	North-Northwest	0.02
3/14/2002	North-Northwest	0.02
4/14/2002	Northwest	0.01
8/8/2002	North-Northwest	0.02
12/12/2002	North-Northwest	0.02
3/20/2003	North-Northwest	0.02
6/23/2003	Northwest	0.01
9/22/2003	Northwest	0.02
12/3/2003	Northwest	0.01
3/18/2004	North-Northwest	0.01
5/25/2004	North-Northwest	0.01
9/22/2004	North-Northwest	0.02
12/22/2004	Northwest	0.02
2/23/2005	Northwest	0.02 (onsite)
6/27/2005	Northwest	0.02 (onsite)

NOTE:

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 # 050627-DA1 Date 6/27/05 Client Arco 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					6.66	22.98	TOC
* MW-3	4					9.35	17.85	↓
* MW-4	4					8.38	16.38	
MW-5	2					6.26	17.00	
MW-6	2					5.78	18.00	
MW-7	4					8.24 0.60	13.46 22.98	
RW-1	2					7.96	11.35	
* Gauged w/ stringer in well								

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050627-DA1	Station # Arco 4494
Sampler: DA	Date: 6/27/05
Well I.D.: MW-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 22.98	Depth to Water: 6.66
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI <u>HACH</u>

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

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

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

10.6	x	3	=	31.8	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
0845	66.8	10.4 10.30	4858	11	clear
0847	67.3	8.4	17960	22	"
0847	well	dewatered @ 22g			"
0850	65.8	7.4	16630	-	DW = 20.80

Did well dewater? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Gallons actually evacuated: 22	
Sampling Time: 0852	Sampling Date: 6/27/05	
Sample I.D.: 0852 MW-1	Laboratory: Pace <u>Sequoia</u> Other _____	
Analyzed for: <u>GRO</u> BTEX MTBE DRO	Other: see cal	
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: 3.6 mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050627-DA1</u>	Station # <u>Arco 4494</u>
Sampler: <u>DA</u>	Date: <u>6/27/05</u>
Well I.D.: <u>MW-7</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>13.40</u>	Depth to Water: <u>8.24</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI <u>HACH</u>

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

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

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

<u>3.4</u>	x	<u>3</u>	=	<u>10.2</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
<u>0825</u>	<u>64.6</u>	<u>6.7</u>	<u>3761</u>	<u>3.5</u>	<u>cloudy, orange tint</u>
<u>0826</u>	<u>65.1</u>	<u>6.7</u>	<u>3755</u>	<u>7</u>	"
<u>0827</u>	<u>65.5</u>	<u>6.7</u>	<u>3960</u>	<u>10.5</u>	"

Did well dewater? Yes: <input checked="" type="checkbox"/> No: <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>10.5</u>	
Sampling Time: <u>0830</u>	Sampling Date: <u>6/27/05</u>	
Sample I.D.: <u>MW-7</u>	Laboratory: Pace <u>Sequoia</u> Other: _____	
Analyzed for: GRO BTEX MTBE DRO	Other: <u>see vol</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: <u>0.1</u> 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 #		
Sile Hegenberger Rd., Oakland		
Station Address		
Total Gallons Collected From Groundwater Monitoring Wells:		
22.5		
added equip. rinse water	3	any other adjustments
TOTAL GALS. RECOVERED	25.5	loaded onto BTS vehicle #
		49
BTS event #	time	date
0506 27-041	1000	6/27/05
signature <u>DA</u>		

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 noted on 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.



14 July, 2005

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

RE: ARCO #4494, Oakland, CA
Work Order: MOF0949

Enclosed are the results of analyses for samples received by the laboratory on 06/28/05 10:32. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: ARCO #4494, Oakland, CA Project Number: G09JZ-0201 Project Manager: Scott Robinson	MOF0949 Reported: 07/14/05 17:53
---	---	--

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MOF0949-01	Water	06/27/05 08:52	06/28/05 10:32
MW-7	MOF0949-02	Water	06/27/05 08:30	06/28/05 10:32
TB-4494-05272005	MOF0949-03	Water	06/27/05 00:00	06/28/05 10:32

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

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

 Project: ARCO #4494, Oakland, CA
 Project Number: G09JZ-0201
 Project Manager: Scott Robinson

 MOF0949
 Reported:
 07/14/05 17:53

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOF0949-01) Water Sampled: 06/27/05 08:52 Received: 06/28/05 10:32									
tert-Amyl methyl ether	ND	2.5	ug/l	5	5G11001	07/11/05	07/11/05	EPA 8260B	
Benzene	ND	2.5	"	"	"	"	"	"	
tert-Butyl alcohol	ND	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	150	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	250	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		60-135	"	"	"	"	
MW-7 (MOF0949-02) Water Sampled: 06/27/05 08:30 Received: 06/28/05 10:32									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5G08002	07/08/05	07/09/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	86	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	4.2	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99 %		60-135	"	"	"	"	

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

Project:ARCO #4494, Oakland, CA
Project Number:G09JZ-0201
Project Manager:Scott Robinson

MOF0949
Reported:
07/14/05 17:53

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

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

Batch 5G08002 - EPA 5030B P/T / EPA 8260B

Blank (5G08002-BLK1)

Prepared & Analyzed: 07/08/05

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

Surrogate: 1,2-Dichloroethane-d4 2.46 " 2.50 98 60-135

Blank (5G08002-BLK2)

Prepared & Analyzed: 07/08/05

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

Surrogate: 1,2-Dichloroethane-d4 2.33 " 2.50 93 60-135

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

 Project: ARCO #4494, Oakland, CA
 Project Number: G09JZ-0201
 Project Manager: Scott Robinson

 MOF0949
 Reported:
 07/14/05 17:53

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

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

Batch 5G08002 - EPA 5030B P/T / EPA 8260B
Laboratory Control Sample (5G08002-BS1)

Prepared & Analyzed: 07/08/05

tert-Amyl methyl ether	10.8	0.50	ug/l	10.0		108	80-115			
Benzene	10.6	0.50	"	10.0		106	65-115			
tert-Butyl alcohol	45.0	20	"	50.0		90	75-150			
Di-isopropyl ether	10.8	0.50	"	10.0		108	75-125			
1,2-Dibromoethane (EDB)	10.8	0.50	"	10.0		108	85-120			
1,2-Dichloroethane	10.4	0.50	"	10.0		104	85-130			
Ethanol	184	100	"	200		92	70-135			
Ethyl tert-butyl ether	10.6	0.50	"	10.0		106	75-130			
Ethylbenzene	9.49	0.50	"	10.0		95	75-135			
Methyl tert-butyl ether	10.2	0.50	"	10.0		102	65-125			
Toluene	11.0	0.50	"	10.0		110	85-120			
Xylenes (total)	28.0	0.50	"	30.0		93	85-125			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>2.17</i>		<i>"</i>	<i>2.50</i>		<i>87</i>	<i>60-135</i>			

Laboratory Control Sample (5G08002-BS2)

Prepared & Analyzed: 07/08/05

Benzene	6.05	0.50	ug/l	6.08		100	65-115			
Ethylbenzene	7.28	0.50	"	7.84		93	75-135			
Methyl tert-butyl ether	9.13	0.50	"	9.60		95	65-125			
Toluene	36.2	0.50	"	32.9		110	85-120			
Xylenes (total)	35.2	0.50	"	38.5		91	85-125			
Gasoline Range Organics (C4-C12)	474	50	"	440		108	70-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>2.26</i>		<i>"</i>	<i>2.50</i>		<i>90</i>	<i>60-135</i>			

Laboratory Control Sample Dup (5G08002-BSD1)

Prepared & Analyzed: 07/08/05

tert-Amyl methyl ether	11.0	0.50	ug/l	10.0		110	80-115	2	15	
Benzene	11.5	0.50	"	10.0		115	65-115	8	20	
tert-Butyl alcohol	52.6	20	"	50.0		105	75-150	16	25	
Di-isopropyl ether	11.1	0.50	"	10.0		111	75-125	3	15	
1,2-Dibromoethane (EDB)	11.4	0.50	"	10.0		114	85-120	5	15	
1,2-Dichloroethane	11.1	0.50	"	10.0		111	85-130	7	20	
Ethanol	203	100	"	200		102	70-135	10	35	
Ethyl tert-butyl ether	10.9	0.50	"	10.0		109	75-130	3	25	
Ethylbenzene	10.2	0.50	"	10.0		102	75-135	7	15	
Methyl tert-butyl ether	11.1	0.50	"	10.0		111	65-125	8	20	
Toluene	11.5	0.50	"	10.0		115	85-120	4	20	
Xylenes (total)	30.6	0.50	"	30.0		102	85-125	9	20	

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: G09JZ-0201
 Project Manager: Scott Robinson

 MOF0949
 Reported:
 07/14/05 17:53

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

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

Batch 5G08002 - EPA 5030B P/T / EPA 8260B
Laboratory Control Sample Dup (5G08002-BSD1)

Prepared & Analyzed: 07/08/05

<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.27		ug/l	2.50		91	60-135			
Matrix Spike (5G08002-MS1)	Source: MOF0947-02									
Benzene	880	25	ug/l	304	630	82	65-115			
Ethylbenzene	1530	25	"	392	1200	84	75-135			
Methyl tert-butyl ether	563	25	"	480	86	99	65-125			
Toluene	1820	25	"	1640	32	109	85-120			
Xylenes (total)	4410	25	"	1920	2900	79	85-125			LN
Gasoline Range Organics (C4-C12)	44700	2500	"	22000	24000	94	70-124			

<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.29		"	2.50		92	60-135			
Matrix Spike Dup (5G08002-MSD1)	Source: MOF0947-02									
Benzene	925	25	ug/l	304	630	97	65-115	5	20	
Ethylbenzene	1620	25	"	392	1200	107	75-135	6	15	
Methyl tert-butyl ether	558	25	"	480	86	98	65-125	0.9	20	
Toluene	1890	25	"	1640	32	113	85-120	4	20	
Xylenes (total)	4680	25	"	1920	2900	93	85-125	6	20	
Gasoline Range Organics (C4-C12)	46300	2500	"	22000	24000	101	70-124	4	20	

Batch 5G11001 - EPA 5030B P/T / EPA 8260B
Blank (5G11001-BLK1)

Prepared & Analyzed: 07/11/05

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.46		"	2.50		98	60-135			

Sequoia Analytical - Morgan Hill

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

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

 Project:ARCO #4494, Oakland, CA
 Project Number:G09JZ-0201
 Project Manager:Scott Robinson

 MOF0949
 Reported:
 07/14/05 17:53

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

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

Batch 5G11001 - EPA 5030B P/T / EPA 8260B
Blank (5G11001-BLK2)

Prepared & Analyzed: 07/11/05

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.58		"	2.50		103	60-135			

Laboratory Control Sample (5G11001-BS1)

Prepared & Analyzed: 07/11/05

tert-Amyl methyl ether	10.7	0.50	ug/l	10.0		107	80-115			
Benzene	11.8	0.50	"	10.0		118	65-115			HL
tert-Butyl alcohol	45.3	20	"	50.0		91	75-150			
Di-isopropyl ether	10.8	0.50	"	10.0		108	75-125			
1,2-Dibromoethane (EDB)	11.4	0.50	"	10.0		114	85-120			
1,2-Dichloroethane	11.2	0.50	"	10.0		112	85-130			
Ethanol	255	100	"	200		128	70-135			
Ethyl tert-butyl ether	10.6	0.50	"	10.0		106	75-130			
Ethylbenzene	9.83	0.50	"	10.0		98	75-135			
Methyl tert-butyl ether	10.3	0.50	"	10.0		103	65-125			
Toluene	11.5	0.50	"	10.0		115	85-120			
Xylenes (total)	29.8	0.50	"	30.0		99	85-125			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.31		"	2.50		92	60-135			

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

 Project: ARCO #4494, Oakland, CA
 Project Number: G09JZ-0201
 Project Manager: Scott Robinson

 MOF0949
 Reported:
 07/14/05 17:53

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

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

Batch 5G11001 - EPA 5030B P/T / EPA 8260B
Laboratory Control Sample (5G11001-BS2)

Prepared & Analyzed: 07/11/05

Benzene	6.00	0.50	ug/l	6.08		99	65-115			
Ethylbenzene	7.46	0.50	"	7.84		95	75-135			
Methyl tert-butyl ether	9.06	0.50	"	9.60		94	65-125			
Toluene	36.8	0.50	"	32.9		112	85-120			
Xylenes (total)	36.3	0.50	"	38.5		94	85-125			
Gasoline Range Organics (C4-C12)	476	50	"	440		108	70-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.38		"	2.50		95	60-135			

Laboratory Control Sample Dup (5G11001-BSD1)

Prepared & Analyzed: 07/11/05

tert-Amyl methyl ether	11.3	0.50	ug/l	10.0		113	80-115	5	15	
Benzene	11.9	0.50	"	10.0		119	65-115	0.8	20	HL
tert-Butyl alcohol	51.3	20	"	50.0		103	75-150	12	25	
Di-isopropyl ether	11.4	0.50	"	10.0		114	75-125	5	15	
1,2-Dibromoethane (EDB)	11.8	0.50	"	10.0		118	85-120	3	15	
1,2-Dichloroethane	11.4	0.50	"	10.0		114	85-130	2	20	
Ethanol	202	100	"	200		101	70-135	23	35	
Ethyl tert-butyl ether	11.0	0.50	"	10.0		110	75-130	4	25	
Ethylbenzene	10.5	0.50	"	10.0		105	75-135	7	15	
Methyl tert-butyl ether	11.0	0.50	"	10.0		110	65-125	7	20	
Toluene	12.1	0.50	"	10.0		121	85-120	5	20	HL
Xylenes (total)	31.6	0.50	"	30.0		105	85-125	6	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.35		"	2.50		94	60-135			

Matrix Spike (5G11001-MS1)

Source: MOG0004-16

Prepared & Analyzed: 07/11/05

Benzene	248	5.0	ug/l	60.8	200	79	65-115			
Ethylbenzene	493	5.0	"	78.4	460	42	75-135			BB, LN
Methyl tert-butyl ether	261	5.0	"	96.0	170	95	65-125			
Toluene	412	5.0	"	329	60	107	85-120			
Xylenes (total)	1740	5.0	"	385	1500	62	85-125			LN
Gasoline Range Organics (C4-C12)	11300	500	"	4400	7600	84	70-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.39		"	2.50		96	60-135			

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

 Project: ARCO #4494, Oakland, CA
 Project Number: G09JZ-0201
 Project Manager: Scott Robinson

 MOF0949
 Reported:
 07/14/05 17:53

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

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

Batch 5G11001 - EPA 5030B P/T / EPA 8260B

Matrix Spike Dup (5G11001-MSD1)	Source: MOG0004-16			Prepared & Analyzed: 07/11/05						
Benzene	254	5.0	ug/l	60.8	200	89	65-115	2	20	
Ethylbenzene	515	5.0	"	78.4	460	70	75-135	4	15	BB, LN
Methyl tert-butyl ether	267	5.0	"	96.0	170	101	65-125	2	20	
Toluene	421	5.0	"	329	60	110	85-120	2	20	
Xylenes (total)	1790	5.0	"	385	1500	75	85-125	3	20	LN
Gasoline Range Organics (C4-C12)	11600	500	"	4400	7600	91	70-124	3	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.22		"	2.50		89	60-135			

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

Project:ARCO #4494, Oakland, CA
Project Number:G09JZ-0201
Project Manager:Scott Robinson

MOF0949
Reported:
07/14/05 17:53

Notes and Definitions

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

HL Analyte recovery above established limit

BB,LN Sample > 4x spike concentration.

DET Analyte DETECTED

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

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



Chain of Custody Record

Project Name: ARCO 4494 Analytical for QMR sampling
 BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 4494 > HistoricalBL
 State or Lead Regulatory Agency: Alameda County Environmental Health Agency
 Requested Due Date (mm/dd/yy): standard

On-site Time: <u>0730</u>	Temp: <u>62.5</u>
Off-site Time: <u>0915</u>	Temp: <u>66.9</u>
Sky Conditions: <u>cloudy</u>	
Meteorological Events: <u>-</u>	
Wind Speed: <u>10</u>	Direction: <u>SE</u>

Lab Name: <u>Sequoia</u>	BP/AR Facility No.: <u>4494</u>	Consultant/Contractor: <u>URS</u>
Address: <u>885 Jarvis Drive</u>	BP/AR Facility Address: <u>566 Hegenberger Rd., Oakland, CA 94621</u>	Address: <u>1333 Broadway, Suite 800</u>
<u>Morgan Hill, CA 95037</u>	Site Lat/Long: <u>37.745046 / -122.195</u>	<u>Oakland, CA 94612</u>
Lab PM: <u>Lisa Race</u>	California Global ID No.: <u>T0600100104</u>	Consultant/Contractor Project No.: <u>38486573</u>
Tele/Fax: <u>408.782.8156 / 408.782.6308</u>	Enfos Project No.: <u>G09JZ-0201</u>	Consultant/Contractor PM: <u>Scott Robinson</u>
BP/AR PM Contact: <u>Paul Supple</u>	Provision or RCOP: <u>Provision</u>	Tele/Fax: <u>510.874.3280 / 510.874.3268</u>
Address: <u>P.O. Box 6549</u>	Phase/WBS: <u>04 - Mon/Reined by Natural Attenuation</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
<u>Moraga, CA 94570</u>	Sub Phase/Task: <u>03 - Analytical</u>	E-mail EDD To: <u>Donna Cospet@urscorp.com</u>
Tele/Fax: <u>925.299.8891 / 925.299.8872</u>	Cost Element: <u>05 - Subcontracted Costs</u>	Invoice to: <u>Atlantic Richfield Company</u>

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO/STEX (8260)	MIBE, TAME, ETBE, DPE, TBA (8260)	SDB, 1,2-DCA (8260)	Ethanol (8260)		
1	MW-1	0852	6/27/05	X			01	3						X	X	X	X	MOF0949 Sample Point Lat/Long and Comments on hold	
2	MW-7	0830	↓	↓			02	↓						X	X	X	X		
3	TB-4494-05272005	-	↓	↓			03	2											
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Sampler's Name:	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
<u>David Allbut</u>	<u>David Allbut / BTS</u>	<u>1355</u>	<u>6/27/05</u>	<u>[Signature] / Sample Custodian</u>	<u>6/27/05</u>	<u>1355</u>
<u>Blaine Tech</u>	<u>[Signature] / SAMPLE CUSTODIAN</u>	<u>6/27/05</u>	<u>0951</u>	<u>[Signature]</u>	<u>6/27/05</u>	<u>0951</u>
Shipment Date:	<u>[Signature]</u>	<u>6/28/05</u>	<u>1632</u>	<u>[Signature]</u>	<u>6/28/05</u>	<u>1632</u>

Special Instructions: _____

Custody Seals In Place Yes No Temp Blank Yes No Cooler Temperature on Receipt 5.3°F Trip Blank Yes No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Arcis 4494 / URS
 REC. BY (PRINT) MWCOG
 WORKORDER: MOF0949

DATE REC'D AT LAB: 6-28-05
 TIME REC'D AT LAB: 10:32
 DATE LOGGED IN: 6-28-05

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

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <input checked="" type="radio"/> Present / Absent <input type="radio"/> Intact / Broken*			MW-1	3-VOA	HCL	-	L	6-27-05	
2. Chain-of-Custody <input checked="" type="radio"/> Present / Absent*			MW-7 TB-4494-0527005	2-VOA	↓	↓	↓	↓	
3. Traffic Reports or Packing List: <input type="radio"/> Present / <input checked="" type="radio"/> Absent									
4. Airbill: <input type="radio"/> Airbill / <input checked="" type="radio"/> Sticker <input type="radio"/> Present / <input checked="" type="radio"/> Absent									
5. Airbill #:									
6. Sample Labels: <input checked="" type="radio"/> Present / <input type="radio"/> Absent									
7. Sample IDs: <input checked="" type="radio"/> Listed / <input type="radio"/> Not Listed on Chain-of-Custody									
8. Sample Condition: <input checked="" type="radio"/> Intact / <input type="radio"/> Broken* / <input type="radio"/> Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input checked="" type="radio"/> Yes / <input type="radio"/> No*									
10. Sample received within hold time? <input checked="" type="radio"/> Yes / <input type="radio"/> No*									
11. Adequate sample volume received? <input checked="" type="radio"/> Yes / <input type="radio"/> No*									
12. Proper Preservatives used? <input checked="" type="radio"/> Yes / <input type="radio"/> No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) <input checked="" type="radio"/> Yes / <input type="radio"/> No*									
14. Temp Rec. at Lab: Is temp 4 +/- 2°C? <input checked="" type="radio"/> Yes / <input type="radio"/> No** <small>(Acceptance range for samples requiring thermal pres.)</small>									
**Exception (if any): METALS / DFF ON ICE or Problem COC									

MF 6-28-05

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

ATTACHMENT C
HISTORICAL GROUNDWATER DATA

Table 2
Liquid Surface Elevation Data

ARCO Service Station 4484
688 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)	SPM Thickness (feet)	Liquid Surface Elevation (feet, MSL)
MW-1	06/08/90	105.31	6.56	6.25	0.00	98.26
	06/19/90		7.00	7.00	0.00	98.31
	06/21/90		7.05	7.05	0.00	98.28
	06/07/90		7.24	7.24	0.00	98.07
	11/20/90		7.46	7.46	0.00	97.85
	11/29/90		7.46	7.40	0.00	97.91
	12/18/90		8.50	6.69	0.00	98.32
	01/28/91		7.23	7.23	0.00	98.08
	02/27/91		7.45	7.46	0.00	97.86
	03/02/91		8.86	8.86	0.00	98.36
	03/28/91		8.02	8.02	0.00	98.28
	06/02/91		7.04	7.04	0.00	98.27
	07/24/91		8.71	8.71	0.00	98.60
	08/22/91		8.85	8.85	0.00	98.43
	08/30/91		7.04	7.04	0.00	98.27
	10/17/91		7.32	7.32	0.00	98.09
	11/26/91		7.17	7.17	0.00	98.14
	12/18/91		7.48	7.46	0.00	97.86
	01/19/92		7.44	7.44	0.00	97.87
	03/20/92		6.25	6.25	0.00	98.08
	03/22/92		8.40	8.40	0.00	98.91
	04/28/92		6.69	6.69	0.00	98.43
	05/19/92		7.10	7.10	0.00	98.21
	05/06/92		7.22	7.22	0.00	98.09
	07/15/92		7.82	7.82	0.00	97.39
	08/08/92		7.29	7.29	0.00	98.51
	10/28/92		7.34	7.34	0.00	98.76
	11/23/92		8.15	8.15	0.00	97.83
	06/18/93		7.23	7.23	0.00	98.87
	11/17/93		7.61	7.61	0.00	98.59
	02/21/94		8.53	8.53	0.00	99.54
	05/11/94		8.57	8.57	0.00	98.53
08/12/94	7.12	7.12	0.00	98.98		
11/17/94	8.29	8.29	0.00	98.28		
02/22/95	7.35	7.35	0.00	98.78		
05/24/95	7.07	7.07	0.00	98.85		
08/28/95	7.10	7.10	0.00	98.80		
11/17/95	7.72	7.72	0.00	98.38		
MW-2	06/08/90	105.78	8.92	8.00	0.92	95.88
	06/19/90		NM	NM	0.17	NM
	06/21/90		NM	NM	0.17	NM
	06/07/90		8.34	8.17	0.17	95.44
	11/20/90		8.20	8.2	Sheen	96.68
	11/29/90		8.92	8.82	Sheen	95.89
	12/18/90		8.85	8.85	0.00	96.83
	01/28/91		8.01	8.01	Sheen	96.77
	02/27/91		8.14	8.14	Sheen	96.84
	03/07/91		8.94	8.94	Sheen	96.84
	03/29/91		8.11	8.11	Sheen	97.87
06/02/91	8.72	8.72	0	97.08		

33004128V4Q95TBL9.XLS1Table2

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

February 16, 1996

Table 2 (continued)
Liquid Surface Elevation Data

ARCO Service Station 4404
666 Hagenberger Road at Eeles Avenue
Oakland, California

Well Number	Date Gauged	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Depth to Liquid (feet, TOC)	SFI Thickness (feet)	Liquid Surface Elevation (feet, MSL)
MW-2 (cont.)	05/27/91		8.20	8.2	8.88H	88.28
	07/24/91		8.28	8.25	0.00	88.58
	08/22/91		8.20	8.20	0.00	88.58
	09/23/91		8.34	8.31	Shoen	88.47
	10/17/91		8.39	8.39	Shoen	88.58
	11/21/91		8.29	8.2	0	88.58
	12/18/91		8.28	8.28	Shoen	88.58
	01/18/92		8.90*	8.88	Skimmer	88.62
	02/20/92		8.13**	8.13	Skimmer	88.65
	03/20/92		8.31**	8.31	Skimmer	88.47
	04/20/92		8.88	8.89	Skimmer	88.88
	05/18/92		8.82	8.82	Skimmer	88.88
	06/03/92		8.84	8.84	Skimmer	88.84
	07/18/92		10.18	10.18	Skimmer	88.59
	08/08/92	108.67	10.05	10.05	Skimmer	88.82
	10/28/92		10.00	10.00	Skimmer	88.57
11/28/92		8.88	8.87	0.01	88.88	
12/08/92						
Well Destroyed						
MW-3	08/18/90	105.61	8.67	8.67	0.00	88.84
	08/21/90		8.88	8.88	0.00	88.88
	09/07/90		8.88	8.88	0.00	88.88
	11/20/90		8.10	8.10	0.00	88.41
	11/28/90		8.05	8.05	0.00	88.48
	12/18/90		8.67	8.67	0.00	88.84
	01/28/91		8.88	8.88	0.00	88.88
	02/27/91		8.71	8.71	0.00	88.55
	03/07/91		8.71	8.71	0.00	88.80
	03/28/91		8.48	8.48	8.00	87.02
	04/28/91		7.85	7.85	0.00	87.88
	05/02/91		8.82	8.82	0.00	88.88
	06/27/91		8.94	8.94	0.00	88.88
	07/24/91		8.94	8.94	0.00	88.57
	08/22/91		8.98	8.98	0.00	88.88
	09/03/91		8.82	8.82	0.00	88.58
	10/17/91		8.04	8.04	0.00	88.47
	11/21/91		8.12	8.12	0.00	88.88
	12/18/91		8.82	8.82	0.00	88.58
	01/18/92		8.97	8.97	0.00	88.54
	01/18/92		8.88	8.88	0.00	88.54
	02/23/92		8.89	8.89	0.00	88.82
	03/20/92		7.78	7.78	8.00	87.78
	04/20/92		8.15	8.15	0.00	87.86
	05/18/92		8.67	8.67	0.00	88.34
	06/18/92		8.76	8.76	0.00	88.76
07/18/92		8.74	8.74	0.00	88.77	
08/08/92	106.28	8.12	8.12	0.00	88.38	
10/28/92		8.85	8.85	0.00	88.34	
11/23/92		8.78	8.78	0.00	87.81	
03/18/93		8.91	8.91	0.00	88.38	
11/17/93		8.82	8.82	0.00	87.87	
02/21/94		8.72	8.72	0.00	87.87	
05/11/94		7.91	7.91	0.00	88.38	
			8.08	8.08	0.06	88.20

3300442B\AQ85TBLS.XLST\Tab2

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 4494
666 Hegenberger Road at Eden Avenue
Oakland, California

Well Number	Date Collected	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Depth to Liquid (feet, TOC)	SPH Thickness (feet)	Liquid Surface Elevation (feet, MSL)
MW-3 (cont.)	08/12/94		8.78	8.78	0.00	97.51
	11/17/94		8.45	8.45	0.00	97.84
	02/22/95		8.95	8.95	0.00	97.34
	05/24/95		8.57	8.57	0.00	97.82
	08/23/95		8.17	8.17	0.00	97.22
	11/17/95		8.39	8.39	0.00	98.50
MW-4	09/16/90	108.61	8.16	8.16	0.00	98.45
	09/21/90		8.22	8.22	0.00	98.26
	09/07/90		8.39	8.39	0.00	98.22
	11/20/90		8.57	8.57	0.00	98.04
	11/23/90		8.53	8.53	0.00	98.08
	12/19/90		8.13	8.13	0.00	98.48
	01/09/91		8.68	8.68	0.00	97.95
	02/27/91		8.44	8.44	0.00	98.17
	03/20/91		8.18	8.18	0.00	98.43
	05/02/91		7.89	7.89	0.00	98.85
	06/27/91		8.25	8.25	0.00	98.38
	07/24/91		7.75	7.75	0.00	98.86
	08/22/91		8.12	8.12	0.00	98.49
	09/30/91		7.58	7.58	0.00	98.63
	09/30/91		8.26	8.26	0.00	98.35
	10/17/91		8.42	8.42	0.00	98.19
	11/21/91		8.65	8.65	0.00	97.95
	12/18/91		8.77	8.77	0.00	97.84
	01/18/92		8.42	8.42	0.00	98.19
	02/20/92		7.93	7.93	0.00	98.01
	03/20/92		7.91	7.91	0.00	98.00
	04/20/92		8.16	8.16	0.00	98.48
	05/19/92		8.14	8.14	0.00	98.47
	06/08/92		8.40	8.40	0.00	98.21
	07/16/92		8.72	8.72	0.00	97.99
	08/06/92	107.40	8.62	8.62	0.00	98.88
	10/28/92		8.69	8.69	0.00	98.77
	11/23/92		8.76	8.76	0.00	98.65
	08/18/92		8.69	8.69	0.00	98.71
	11/17/93		8.11	8.11	0.00	98.28
	02/21/94		8.10	8.10	0.00	98.24
	03/11/94		8.29	8.29	0.00	98.11
06/12/94		8.76	8.76	0.00	98.05	
11/17/94		8.48	8.48	0.00	98.00	
02/22/98		8.72	8.72	0.00	98.69	
05/24/98		8.63	8.63	0.00	98.77	
08/23/95		8.60	8.60	0.00	100.90	
11/17/95		8.16	8.16	0.00	98.25	
MW-5	08/06/92	105.19	7.19	7.19	0.00	98.00
	10/28/92		8.99	8.99	0.00	98.29
	11/23/92		8.90	8.90	0.00	98.29
	08/18/93		7.08	7.08	0.00	98.13
	11/17/93		8.91	8.91	0.00	98.28
	02/21/94		8.82	8.82	0.00	98.67
	05/11/94		8.19	8.19	0.00	99.01
	06/12/94		8.91	8.91	0.00	98.36
	11/17/94		8.38	8.38	0.00	98.81
	02/22/96		8.25	8.25	0.00	98.94

3300412840957BL6JL6/Tables2

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

February 16, 1998

Table 2 (continued)
Liquid Surface Elevation Data

ARCO Service Station #494
588 Hagenberger Road at Edco Avenue
Oakland, California

Well Number	Date Gauged	Well Elevation (feet, MSL)	Depth to Water (feet, TOC)	Depth to Liquid (feet, TOC)	SPH Thickness (in)	Liquid Surface Elevation (feet, MSL)	
MW-5 (cont.)	09/23/95	105.07	8.30	8.30	0.00	98.28	
	09/23/95		8.80	8.80	0.00	98.28	
	11/17/95		7.02	7.02	0.00	98.17	
MW-6	09/06/92	105.07	7.01	7.01	0.00	98.06	
	10/29/92		8.70	8.70	0.00	98.37	
	11/23/92		8.78	8.75	0.00	98.32	
	09/15/93		8.71	8.71	0.00	98.58	
	11/17/93		8.97	8.87	0.00	98.40	
	02/21/94		8.91	8.91	0.00	98.40	
	05/11/94		8.98	8.98	0.00	99.78	
	09/12/94		8.90	8.80	0.00	99.09	
	11/17/94		8.09	8.09	0.00	98.47	
	02/22/95		8.85	8.85	0.00	98.98	
	09/24/95		8.82	8.82	0.00	99.22	
	09/25/95		8.59	8.59	0.00	98.18	
	11/17/95		8.75	8.75	0.00	98.57	
							98.32
MW-7	09/06/92	105.52	8.28	8.28	0.00	97.24	
	10/29/92		8.02	8.02	0.00	98.90	
	11/23/92		8.21	8.21	0.00	97.91	
	09/15/93		8.11	8.11	0.00	97.91	
	11/17/93		8.11	8.11	0.00	97.41	
	02/21/94		7.94	7.94	0.00	97.41	
	05/11/94		7.48	7.48	0.00	98.18	
	09/12/94		8.13	8.13	0.00	98.07	
	11/17/94		7.99	7.99	0.00	97.99	
	02/22/95		8.40	8.40	0.00	97.82	
	09/24/95		8.29	8.29	0.00	97.12	
	09/25/95		8.08	8.08	0.00	97.28	
	11/17/95		8.78	8.78	0.00	98.92	
							98.78
RW-4	09/18/93	NM	Well Dry				
	11/17/93		Well Dry				
	02/21/94		7.89	7.89	0.00	NM	
	05/11/94		7.98	7.98	0.00	NM	
	09/12/94		7.99	7.99	0.00	NM	
	11/17/94		7.98	7.98	0.00	NM	
	02/22/95		8.00	8.00	0.00	NM	
	09/24/95		8.10	8.10	0.00	NM	
09/23/95	8.67	8.67	0.00	NM			
11/17/95	8.15	8.15	0.00	NM			

MSL = Mean Sea Level
 TOC = Top of casing
 * = Separate-phase hydrocarbons present in well.
 ** = Slime/foam foisted (12/24/91).
 NM = Not measured

3300412BAC0678LS.XLS\Tab2

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

February 15, 1996

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

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

Well Number	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	TPH as Diesel (ppb)	Total Oil and Grease (ppm)	
MW-1	08/19/90	<30	<0.50	<0.50	<0.50	<0.50	<0.50	<5000	
	08/19/90	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	09/07/90	N/A	N/A	N/A	N/A	N/A	N/A	<5000	
	11/28/90	<30	<0.50	87	<0.50	<0.50	N/A	N/A	
	09/07/91	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	09/27/91	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	09/30/91	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	12/18/91	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	03/20/92	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	09/08/92	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	09/08/92	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	10/28/92	<30	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
	09/18/93	<30	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
	11/17/93	<30	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
	02/23/94	<30	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
	05/11/94	<30	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
	09/12/94	<30	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
	11/17/94	<30	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
	02/23/95								
	05/23/95								
11/17/95									
		Well Sampled Annually							
		Well Sampled Annually							
		Well Sampled Annually							
MW-2	08/19/90	0.92 feet of Separate-Phase Hydrocarbons							
	08/19/90	0.17 feet of Separate-Phase Hydrocarbons							
	09/07/90	Separate-Phase Hydrocarbons							
	11/28/90	Separate-Phase Hydrocarbons							
	09/07/91	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	580	2,500	7,000	N/A	N/A	
	09/08/92	48,000	2,000	940	240	5,100	N/A	N/A	
	09/08/92	78,000	2,500	9,700	2,900	18,000	N/A	N/A	
	10/28/92	NS	NS	NS	NS	NS	NS	NS	
	12/18/92	Well Destroyed							
MW-3	08/19/90	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	08/19/90	N/A	N/A	N/A	N/A	N/A	N/A	<5,000	
	09/07/90	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	11/28/90	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	09/07/91	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	09/27/91	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	09/30/91	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	12/18/91	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	03/20/92	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	09/08/92	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	09/08/92	<30	<0.50	<0.50	<0.50	<0.50	N/A	N/A	
	10/28/92	<30	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
	09/18/93	<30	<0.5	<0.5	<0.5	<0.5	N/A	N/A	
11/17/93	<30	<0.5	<0.5	<0.5	<0.5	N/A	N/A		

3300412B4C95TBL5.XLSI/Tab03

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

February 15, 1999

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
 558 Hoganburger Road at Edes Avenue
 Oakland, California

Well Number	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl Benzene (ppb)	Xylenes (ppb)	TEPH as Diesel (ppb)	Total Oil and Grease (ppm)	
MW-3 (cont.)	02/22/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	05/11/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	08/12/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	11/17/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	02/22/95	Well Sampled Annually							
	05/24/95	<.50	<0.50	<0.50	<0.50	<0.50	NA	NA	
	08/22/95	Well Sampled Annually							
	11/17/95	Well Sampled Annually							
	MW-4	05/18/90	NA	<0.50	<0.50	<0.50	<0.50	NA	NA
		09/07/90	NA	NA	NA	NA	NA	NA	<1.000
11/26/90		NA	<0.50	<0.50	<0.50	<0.50	NA	NA	
02/07/91		NA	<0.30	<0.30	<0.30	<0.30	NA	NA	
09/22/91		NA	0.75	1.1	0.30	1.6	NA	NA	
05/30/91		NA	<0.30	<0.30	<0.30	<0.30	NA	NA	
12/18/91		NA	0.85	1.2	0.30	0.60	NA	NA	
09/20/92		NA	<0.50	<0.50	<0.50	<0.50	NA	NA	
05/06/92		NA	<0.50	<0.50	<0.50	<0.50	NA	NA	
10/29/92		NA	<0.5	<0.5	<0.5	<0.5	NA	NA	
08/19/93		NA	<0.5	<0.5	<0.5	<0.5	NA	NA	
11/17/93		NA	<0.5	<0.5	<0.5	<0.5	NA	NA	
02/22/94		NA	<0.5	<0.5	<0.5	<0.5	NA	NA	
05/11/94		NA	<0.5	<0.5	<0.5	<0.5	NA	NA	
08/12/94		NA	<0.5	<0.5	<0.5	<0.5	NA	NA	
11/17/94		NA	<0.5	<0.5	<0.5	<0.5	NA	NA	
02/22/95		Well Sampled Annually							
05/24/95	<.50	<0.50	<0.50	<0.50	<0.50	NA	NA		
08/22/95	Well Sampled Annually								
11/17/95	Well Sampled Annually								
MW-5	05/06/92	<.50	<0.50	<0.50	<0.50	<0.50	NA	NA	
	10/29/92	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	05/16/93	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	11/17/93	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	02/22/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	05/11/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	08/12/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	11/17/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	02/22/95	Well Sampled Annually							
	05/24/95	<.50	<0.50	<0.50	<0.50	<0.50	NA	NA	
08/22/95	Well Sampled Annually								
11/17/95	Well Sampled Annually								
MW-6	05/06/92	<.50	<0.50	<0.50	<0.50	<0.50	NA	NA	
	10/29/92	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	05/16/93	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	11/17/93	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	02/22/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	05/11/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	08/12/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
	11/17/94	<.50	<0.5	<0.5	<0.5	<0.5	NA	NA	
02/22/95	Well Sampled Annually								

330041234057BL9.XLS\Table3

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

February 15, 1995

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

ARCO Service Station 4494
 806 Hagarbarger Road at Edes Avenue
 Oakland, California

Well Number	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	TEPH as Diesel (ppb)	Total Oil and Grease (ppm)
MW-8 (cont.)	052485	<50	<0.50	<0.50	<0.50	<0.50	N/A	N/A
	082385							
	11/7/85							
		Well Sampled Annually						
MW-7	080882	<50	<0.50	<0.50	<0.50	<0.50	N/A	N/A
	102382	<50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	081883	<50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	11/17/83	<50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	022284	<50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	051184	<50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	081284	<50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	11/17/84	<50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	022285	<50	<0.5	<0.5	<0.5	<0.5	N/A	N/A
	052485	<50	<0.50	<0.50	<0.50	<0.50	N/A	N/A
	082385							
	11/7/85							
		Well Sampled Annually						
RW-1	081883	NS	NS	NS	NS	NS	NS	NS
	11/17/83	NS	NS	NS	NS	NS	NS	NS
	022284	280	2,100	18	40	68	N/A	N/A
	051184	3,300	32	28	67	310	N/A	N/A
	081284	4,800	42	50	190	400	N/A	N/A
	11/17/84	1,400	58	21	28	210	N/A	N/A
	022285	8,100	140	<10	680	580	N/A	N/A
	052485	340	58	0.75	11	1.4	N/A	N/A
	082385	825	2.1	2.5	0.67	0.67	N/A	N/A
	11/7/85	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

3300412840957815.XL8TT-Me3

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

February 15, 1990

Table 4
Groundwater Analytical Data
Total Methyl t-Butyl Ether

ARCO Service Station 4484
535 Hegenberger Road at Elder Avenue
Oakland, California

Well Number	Date Sampled	Methyl t-Butyl Ether (ppb)
MW-1	08/23/85	NS
MW-2	08/23/85	NS
MW-3	08/23/85	NS
MW-4	08/23/85	NS
MW-5	08/23/85	NS
MW-6	08/23/85	NS
MW-7	08/23/85	NS
ROW-1	08/23/85	13

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

ATTACHMENT D

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

Electronic Submittal Information

[Main Menu](#) |
 [View/Add Facilities](#) |
 [Upload EDD](#) |
 [Check EDD](#)

SUCCESSFUL GEO_WELL CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	7/21/2005 10:31:33 AM

Processing is complete. No errors were found!
You may now proceed to the [upload page](#).

[Back to Main Menu](#)

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE [ADMINISTRATOR](#).

Electronic Submittal Information

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

UPLOADING A GEO_WELL FILE

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

Submittal Title: 2Q 2005 BP/ARCO 4494
GEOWELL

Submittal Date/Time: 7/21/2005 10:32:16 AM

Confirmation Number: 8716293156

[Back to Main Menu](#)

Logged in as URSCORP-OAKLAND
(CONTRACTOR)

[CONTACT SITE ADMINISTRATOR.](#)

Electronic Submittal Information

[Main Menu](#) |
 [View/Add Facilities](#) |
 [Upload EDD](#) |
 [Check EDD](#)

SUCCESSFUL EDF CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	7/21/2005 10:42:57 AM
<u>GLOBAL ID:</u>	T0600100104
<u>FILE UPLOADED:</u>	ARCO#4494-EDF-MOF0949.zip

No errors were found in your EDF upload file.

If you want to submit this file to the SWRCB, choose the "Upload EDD" option in the above menu and follow the instructions.

When you complete the submittal process, you will be given a confirmation number for your submittal.

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

ARCO # 04494	<u>Regional Board - Case #: 01-0112</u>
566 HEGENBERGER RD	SAN FRANCISCO BAY RWQCB (REGION 2) - (BG)
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?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	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

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

[Main Menu](#) |
 [View/Add Facilities](#) |
 [Upload EDD](#) |
 [Check EDD](#)

Your EDF file has been successfully uploaded!

Confirmation Number: 5044213831
Date/Time of Submittal: 7/21/2005 10:44:24 AM
Facility Global ID: T0600100104
Facility Name: ARCO # 04494
Submittal Title: 2Q 2005 BP/ARCO 4494 EDF
Submittal Type: GW Monitoring Report

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

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

CONF # 5044213831	TITLE 2Q 2005 BP/ARCO 4494 EDF	QUARTER Q2 2005
SUBMITTED BY Srijesh Thapa	SUBMIT DATE 7/21/2005	STATUS 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?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES 8ZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	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

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

ATTACHMENT E

JOINT MONITORING DATA

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)	8/26/1998	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)	8/26/1998	<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	3/29/1999	<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	6/22/1999	20,000	<200	<200	<200	<200	150,000	NA	NA	NA	NA	NA	NA	10.54	9.05	1.49	1.7
MW-1	9/30/1999	<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	12/2/1999	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	3/2/2000	<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	6/8/2000	<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	9/5/2000	<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	3/9/2001	<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	6/27/2001	<5,000	<50	<50	<50	<50	NA	19,000	NA	NA	NA	NA	NA	10.54	8.46	2.08	NA
MW-1	9/19/2001	<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	3/14/2002	<20,000	<200	<200	<200	<200	NA	60,000	NA	NA	NA	NA	NA	10.54	7.68	2.86	NA
MW-1	6/25/2002	<5,000	<50	<50	<50	<50	NA	34,000	NA	NA	NA	NA	NA	10.54	8.40	2.14	NA
MW-1	9/19/2002	<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	1/2/2003	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	6/23/2003	<10,000	<100	<100	<100	<200	NA	35,000	NA	NA	NA	NA	NA	10.52	9.02	1.50	NA
MW-1	9/22/2003	<5,000	<50	<50	<50	<100	NA	15,000	NA	NA	NA	NA	NA	10.52	15.74	-5.22	NA
MW-1	12/3/2003	<1,300	<13	<13	<13	<25	NA	3,600	NA	NA	NA	NA	NA	10.52	18.35 h	NA	NA
MW-1	3/18/2004	<250	<2.5	<2.5	<2.5	<5.0	NA	570	NA	NA	NA	NA	NA	10.52	7.32	3.20	NA

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	5/25/2004	<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	9/22/2004	<2,000	<20	<20	<20	<40	NA	170	<80	<80	<80	20,000	<2,000	10.52	6.55	3.97	NA
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	2/23/2005	<2,000	<20	<20	<20	<40	NA	110	NA	NA	NA	NA	NA	10.52	5.79	4.73	NA
MW-1	6/27/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	16	NA	NA	NA	NA	NA	10.52	6.43	4.09	NA
MW-2 (a)	8/26/1998	<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)	8/26/1998	<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)	8/26/1998	<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	3/29/1999	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	6/22/1999	<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	9/30/1999	<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	3/2/2000	<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	6/8/2000	<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	9/5/2000	<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	3/9/2001	<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	6/27/2001	<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	9/19/2001	<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	3/14/2002	<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	6/25/2002	<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	9/19/2002	<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	6/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	44	NA	NA	NA	NA	NA	9.19	8.72	0.47	NA

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-2	9/22/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	37	NA	NA	NA	NA	NA	9.19	8.84	0.35	NA
MW-2	12/3/2003	<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	3/18/2004	<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	5/25/2004	<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	9/22/2004	<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	2/23/2005	<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	6/27/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	28	NA	NA	NA	NA	NA	9.19	7.17	2.02	NA

MW-3 (a)	8/26/1998	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)	8/26/1998	<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	3/29/1999	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	6/22/1999	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	9/30/1999	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	12/2/1999	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	3/2/2000	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	6/8/2000	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	9/5/2000	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	3/9/2001	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	6/27/2001	9,100	330	79	140	1,600	NA	31,000	NA	NA	NA	NA	NA	9.45	6.88	2.57	NA
MW-3	9/19/2001	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	3/14/2002	<2,500	<25	<25	<25	<25	NA	12,000	NA	NA	NA	NA	NA	9.45	6.25	3.20	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)
MW-3	6/25/2002	<10,000	160	<100	<100	<100	NA	42,000	NA	NA	NA	NA	NA	9.45	6.65	2.80	NA
MW-3	9/19/2002	<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	1/2/2003	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	6/23/2003	<5,000	<50	<50	<50	<100	NA	8,100	NA	NA	NA	NA	NA	9.45	13.80	-4.35	NA
MW-3	9/22/2003	<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	12/3/2003	<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	3/18/2004	<1,000	14	<10	<10	<20	NA	2,500	NA	NA	NA	NA	NA	9.45	6.07	3.38	NA
MW-3	5/25/2004	3,900	<10	66	23	470	NA	140	NA	NA	NA	NA	NA	9.45	14.63	-5.18	NA
MW-3	9/22/2004	<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	2/23/2005	<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	6/27/2005	<2,500	96	<25	29	<50	NA	6,100	NA	NA	NA	NA	NA	9.45	4.80	4.65	NA
MW-4	9/25/2000	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	3/9/2001	<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	6/27/2001	<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	9/19/2001	<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	3/14/2002	<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	6/25/2002	<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	9/19/2002	<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	6/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	NA	NA	NA	NA	9.88	8.18	1.70	NA
MW-4	9/22/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	16	NA	NA	NA	NA	NA	9.88	8.28	1.60	NA

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-4	12/3/2003	<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	3/18/2004	<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	5/25/2004	<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	9/22/2004	<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	2/23/2005	<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	6/27/2005	55	<0.50	<0.50	<0.50	<1.0	NA	14	NA	NA	NA	NA	NA	9.88	7.48	2.40	NA
MW-5	6/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.36	NA	NA
MW-5	6/25/2002	<10,000	<100	<100	<100	<100	NA	60,000	NA	NA	NA	NA	NA	NA	8.30	NA	NA
MW-5	9/19/2002	<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	6/23/2003	<1,000	<10	<10	<10	<20	NA	1,700	NA	NA	NA	NA	NA	10.03	16.70	-6.67	NA
MW-5	9/22/2003	<2,500	<25	<25	<25	<50	NA	4,400	NA	NA	NA	NA	NA	10.03	16.70	-6.67	NA
MW-5	12/3/2003	<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	3/18/2004	<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	5/25/2004	<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	9/22/2004	<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	2/23/2005	<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	6/27/2005	56	<0.50	<0.50	<0.50	<1.0	NA	46	NA	NA	NA	NA	NA	10.03	5.98	4.05	NA
C-1	9/19/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	1.44	NA	NA
C-1	3/29/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	2.59	NA	NA
C-1	6/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	3.72	NA	NA
C-1	9/19/2002	<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

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)
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	9/19/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	3/29/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	6/25/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-1	9/19/2002	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	3/20/2003	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	9/19/2001	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	3/29/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	6/25/2002	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SD-2	9/19/2002	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	3/20/2003	Dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BW-A	6/22/1999	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	6/25/2002	<500	<5.0	<5.0	<5.0	18	NA	3,100	NA	NA	NA	NA	NA	NA	5.14	NA	NA
BW-A	9/19/2002	<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	6/23/2003	<1,000	<10	<10	<10	<20	NA	<100	NA	NA	NA	NA	NA	NA	10.27	NA	NA
BW-B	6/22/1999	<250	<2.5	<2.5	<2.5	<2.5	8,600	NA	NA	NA	NA	NA	NA	NA	5.90	NA	1.2
BW-B	6/27/2001	<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	3/14/2002	<2,000	<20	<20	<20	<20	NA	9,400	NA	NA	NA	NA	NA	NA	5.24	NA	NA
BW-B	6/25/2002	<2,000	<20	<20	<20	<20	NA	6,600	NA	NA	NA	NA	NA	NA	6.19	NA	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)
BW-B	9/19/2002	<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	6/23/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	43	NA	NA	NA	NA	NA	NA	9.95	NA	NA
BW-C	6/22/1999	<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	6/25/2002	<5,000	<50	<50	<50	<50	NA	20,000	NA	NA	NA	NA	NA	NA	6.49	NA	NA
BW-C	9/19/2002	<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	6/23/2003	<1,000	<10	<10	<10	<20	NA	170	NA	NA	NA	NA	NA	NA	11.48	NA	NA
BW-D	6/22/1999	<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	6/25/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BW-D	7/2/2002	<1,000	23	<10	<10	<10	NA	<100	NA	NA	NA	NA	NA	NA	6.36	NA	NA
BW-D	9/19/2002	<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	6/23/2003	<1,000	<10	<10	<10	<20	NA	<100	NA	NA	NA	NA	NA	NA	10.25	NA	NA
BW-D	9/22/2003	<100	<1.0	<1.0	<1.0	<2.0	NA	120	NA	NA	NA	NA	NA	NA	10.18	NA	NA
BW-D	12/3/2003	<1,300	110	<13	<13	29	NA	560	NA	NA	NA	NA	NA	NA	10.20	NA	NA
BW-D	3/18/2004	<50	0.67	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	NA	NA	3.42	NA	NA
BW-D	5/25/2004	<50	1.4	0.96	<0.50	<1.0	NA	1.7	NA	NA	NA	NA	NA	NA	8.83	NA	NA
BW-D	9/22/2004	<100	6.9	<1.0	2.1	4.2	NA	210	NA	NA	NA	NA	NA	NA	2.75	NA	NA
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	2/23/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	1.2	NA	NA	NA	NA	NA	NA	2.88	NA	NA
BW-D	6/27/2005	53	<0.50	<0.50	<0.50	<1.0	NA	1.8	NA	NA	NA	NA	NA	NA	3.70	NA	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)
---------	------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	-------------------	--------------	----------------------------	--------------------------	------------------------

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
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)
---------	------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	-------------------	--------------	----------------------------	--------------------------	------------------------

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.

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.