



Atlantic Richfield Company
(a BP affiliated company)

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

By loprojectop at 9:40 am, May 09, 2006

Re: First Quarter 2006 Groundwater Monitoring Report
ARCO Service Station #5387
20200 Hesperian Boulevard
Hayward, California
ACEH Case No. 817

"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

RECEIVED

By lopprojectop at 9:40 am, May 09, 2006

May 5, 2006

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

**Re: First Quarter 2006 Groundwater Monitoring Report
ARCO Service Station #5387
20200 Hesperian Boulevard
Hayward, California
ACEH Case No. 817**

Dear Mr. Hwang:

On behalf of the Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *First Quarter 2006 Groundwater Monitoring Report* for ARCO Service Station #5387, located at 20200 Hesperian Boulevard, Hayward, California.

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

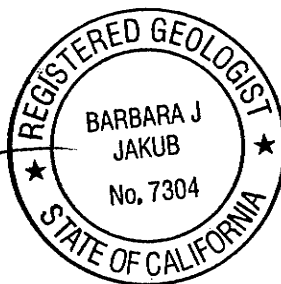
On March 2, 2005, URS submitted a *Soil Gas Investigation Report* and requested closure for this Site. BP is currently awaiting the agency's response.

Sincerely,

URS CORPORATION



Barbara J. Jakub, P.G.
Project Manager



Enclosure: First Quarter 2006 Groundwater Monitoring Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Mr. Chris Panaitescu, Thrifty Oil Co., 13116 Imperial Hwy, Santa Fe Springs, CA 90760
Mr. Jack Oman, BP, 6 Centerpointe Drive, La Palma, CA 90623
Mr. Rob Miller, Broadbent & Associates, Inc., electronic copy uploaded to ENFOS

R E P O R T

RECEIVED

By loprojectop at 9:40 am, May 09, 2006

**FIRST QUARTER 2006
GROUNDWATER MONITORING
REPORT**

**ARCO SERVICE STATION #5387
2020 HESPERIAN BOULEVARD
HAYWARD, CALIFORNIA**

Prepared for
RM

May 5, 2006

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

Date: May 5, 2006
Quarter: 1Q 06

FIRST QUARTER 2006 GROUNDWATER MONITORING REPORT

Former Facility No.: 5387 Address: 20200 Hesperian Boulevard, Hayward, California
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Barbara Jakub
Primary Agency: Alameda County Environmental Health (ACEH)
ACEH Case No.: 817

WORK PERFORMED THIS QUARTER (First – 2006):

1. Prepared and submitted the Fourth Quarter 2005 Status Report.
2. Performed the first quarter groundwater monitoring event on March 7, 2006.

WORK PROPOSED FOR NEXT QUARTER (Second – 2006):

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

SITE SUMMARY:

Current Phase of Project:	<u>GW monitoring/sampling</u>
Frequency of Groundwater Sampling:	<u>Semiannually (1Q, 3Q): Wells MW-1 and MW-2</u> <u>Annually (3Q): Wells A-7, AR-1, and AR-2</u>
Frequency of Groundwater Monitoring:	<u>Semiannually (1Q, 3Q): All wells</u>
Is Free Product Present On-Site:	<u>No</u>
Current Remediation Techniques:	<u>None</u>
Approximate Depth to Groundwater:	<u>7.86 ft (MW-3) to 11.83 ft (A-7)</u>
Groundwater Gradient (direction):	<u>West-Northwest</u>
Groundwater Gradient (magnitude):	<u>0.008 feet per foot</u>

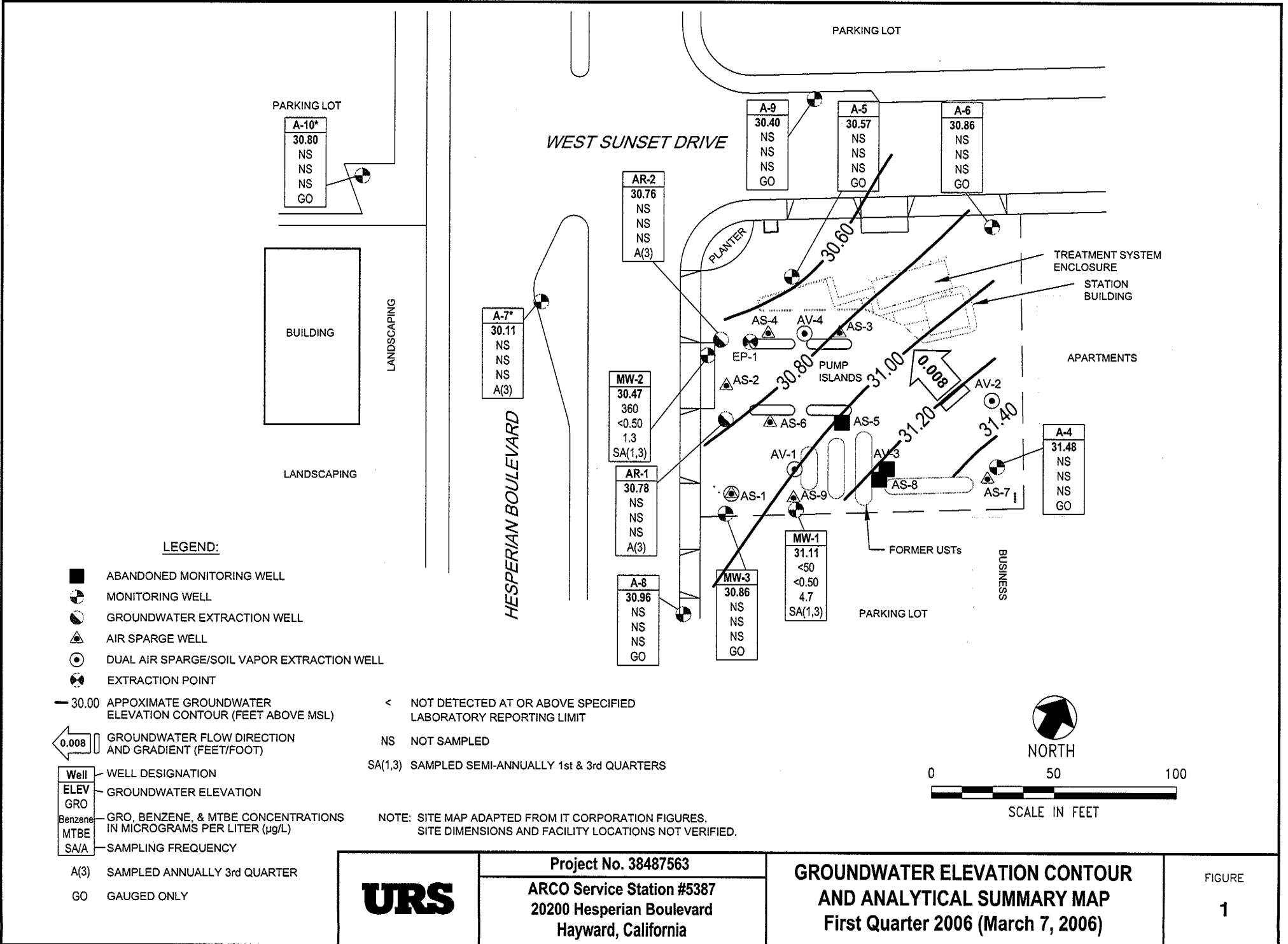
DISCUSSION:

Gasoline range organics were detected at or above the laboratory reporting limit in one of the two wells sampled this quarter (MW-2) at a concentration of 360 micrograms per liter ($\mu\text{g/L}$). Methyl tert-butyl ether was detected at or above the laboratory reporting limit in two wells at concentrations of 1.3 $\mu\text{g/L}$ (MW-2) and 4.7 $\mu\text{g/L}$ (MW-1). No other fuel components were detected at or above their respective laboratory reporting limits in any of the wells sampled this quarter.

On March 2, 2005, URS submitted a *Soil Gas Investigation Report* and requested closure for this Site. BP is currently awaiting the agency's response.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – March 7, 2006
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 – Groundwater Gradient Data
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment C – Error Check Reports and EDF/Geowell Submittal Confirmations



Project No. 38487563
ARCO Service Station #5387
2020 Hesperian Boulevard
Hayward, California

GROUNDWATER ELEVATION CONTOUR
AND ANALYTICAL SUMMARY MAP
First Quarter 2006 (March 7, 2006)

FIGURE
1

Table 1
Groundwater Elevation and Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, 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
A-4	3/6/1991	--		39.46	10.00	35.00	13.22	26.24	34,000	11,000	870	2,500	2,100	--	--	---
	12/24/1991	--		39.86	10.00	35.00	17.60	22.26	1,900	29	1.9	25	29	--	--	---
	3/10/1992	--		39.86	10.00	35.00	14.76	25.10	7,400	37	<0.60	11	73	--	--	---
	6/9/1992	--		39.86	10.00	35.00	15.63	24.23	4,500	3.2	1.5	37	16	--	--	---
	9/14/1992	--		39.86	10.00	35.00	16.83	23.03	1,300	<2.5	2.5	61	6.8	--	--	---
	11/12/1992	--		39.86	10.00	35.00	16.97	22.89	610	7.2	0.98	34	0.97	--	--	---
	2/11/1993	--		39.86	10.00	35.00	13.43	26.43	740	2.4	<0.5	5	3.5	--	--	---
	4/14/1993	--		39.86	10.00	35.00	13.06	26.80	380	<0.5	<0.5	10	1.6	--	--	---
	8/12/1993	--		39.86	10.00	35.00	14.94	24.92	1,200	0.93	<0.5	0.91	<0.5	--	--	---
	10/26/1993	--		39.86	10.00	35.00	15.52	24.34	160	<0.5	<0.5	1	<0.5	--	--	---
	2/17/1994	--		39.46	10.00	35.00	14.02	25.44	320	0.5	<0.5	28	0.9	--	--	---
	5/3/1994	--		39.46	10.00	35.00	13.85	25.61	130	<0.5	<0.5	1.1	<0.5	--	--	---
	8/17/1994	--		39.53	10.00	35.00	14.95	39.53	62	34.58	<0.5	<0.5	<0.5	--	--	---
	11/18/1994	--		39.53	10.00	35.00	14.46	25.07	98	1.3	0.6	<0.5	<0.5	--	--	---
	12/6/1995	--		39.53	10.00	35.00	13.82	25.71	ND	0.6	ND	ND	ND	--	--	---
	2/14/1996	--		39.53	10.00	35.00	11.24	28.29	ND	ND	2.3	ND	0.71	--	--	---
	10/29/1996	--		39.53	10.00	35.00	13.50	26.03	140	ND	ND	ND	ND	--	--	---
	1/29/1997	--		39.53	10.00	35.00	12.65	26.88	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/30/1997	--		39.53	10.00	35.00	13.97	25.56	<20	<0.3	<0.3	<0.3	<0.5	<50	--	---
	7/31/1997	--		39.53	10.00	35.00	12.70	26.83	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	10/22/1997	--		39.53	10.00	35.00	13.95	25.58	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	1/28/1998	--		39.53	10.00	35.00	11.90	27.63	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/22/1998	--		39.53	10.00	35.00	13.92	25.61	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	7/8/1998	--		39.53	10.00	35.00	10.80	28.73	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	10/22/1998	--		39.53	10.00	35.00	12.60	26.93	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/13/1999	--		39.53	10.00	35.00	12.60	26.93	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/29/1999	--		39.53	10.00	35.00	12.61	26.92	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/15/2002	--		39.53	10.00	35.00	---	---	<50	<0.5	<0.5	<0.5	<0.5	6.2	--	---
	4/24/2002	--	j	39.53	10.00	35.00	---	---	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	---
	09/23/2002	--	a	39.53	10.00	35.00	---	---	--	--	--	--	--	--	--	---
	12/9/2002	P		39.53	10.00	35.00	13.36	26.17	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	2.4	6.6
	2/11/2003	P	e	39.53	10.00	35.00	11.82	27.71	<50	<0.50	<0.50	<0.50	<0.50	0.53	1.8	6.6
	6/27/2003	--		39.53	10.00	35.00	12.12	27.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.7
	09/04/2003	--	a	39.53	10.00	35.00	---	---	--	--	--	--	--	--	--	---

Table 1
Groundwater Elevation and Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, 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
A-4	11/17/2003	--	m	39.53	10.00	35.00	15.09	24.44	--	--	--	--	--	--	--	--
	03/01/2004	P	i	42.26	10.00	35.00	10.95	31.31	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.7
	06/02/2004	--	m	42.26	10.00	35.00	12.34	29.92	--	--	--	--	--	--	--	--
	09/16/2004	P		42.26	10.00	35.00	13.19	29.07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	6.7
	12/07/2004	--	m	42.26	10.00	35.00	13.00	29.26	--	--	--	--	--	--	--	--
	03/02/2005	P		42.26	10.00	35.00	10.66	31.60	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	6.7
	06/20/2005	--	m	42.26	10.00	35.00	11.42	30.84	--	--	--	--	--	--	--	--
	09/06/2005	P		42.26	10.00	35.00	12.30	29.96	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.1	6.7
	03/07/2006	--		42.26	10.00	35.00	10.78	31.48	--	--	--	--	--	--	--	--
A-5	12/24/1991	--		38.94	10.00	30.00	16.85	22.09	1,600	21	<0.30	32	52	--	--	---
	3/10/1992	--		38.94	10.00	30.00	13.83	25.11	1,000	1.6	<0.30	43	100	--	--	---
	6/9/1992	--		38.94	10.00	30.00	14.91	24.03	680	34	<1.5	14	16	--	--	---
	9/14/1992	--		38.94	10.00	30.00	16.14	22.80	770	12	<0.30	51	65	--	--	---
	11/12/1992	--		38.94	10.00	30.00	16.35	22.59	520	3	<2.5	29	36	--	--	---
	2/11/1993	--		38.94	10.00	30.00	13.21	25.73	150	1.6	0.96	5.1	1.5	--	--	---
	4/14/1993	--		38.94	10.00	30.00	12.97	25.97	190	5.4	<0.5	1.5	0.97	--	--	---
	8/12/1993	--		38.94	10.00	30.00	14.12	24.82	230	1.7	<0.5	5.3	0.94	--	--	---
	10/26/1993	--		38.94	10.00	30.00	14.72	24.22	190	2.8	<0.5	5.5	2	--	--	---
	2/17/1994	--		38.47	10.00	30.00	13.20	25.27	340	<0.5	<0.5	13	2.9	--	--	---
	5/3/1994	--		38.47	10.00	30.00	13.08	25.39	170	1.4	<0.5	4	1.9	--	--	---
	8/17/1994	--		38.54	10.00	30.00	14.18	24.36	270	0.6	<0.5	7.3	1.1	--	--	---
	11/18/1994	--		38.54	10.00	30.00	13.73	24.81	338	--	<0.5	4.6	<0.5	--	--	---
	9/26/1995	--		38.47	10.00	30.00	12.44	26.03	ND	0.63	1.1	ND	1.2	--	--	---
	12/6/1995	--		38.47	10.00	30.00	12.92	25.55	ND	ND	ND	ND	ND	--	--	---
	2/14/1996	--		38.47	10.00	30.00	10.76	27.71	ND	ND	2	ND	1.1	--	--	---
	10/29/1996	--		38.47	10.00	30.00	12.35	26.12	ND	ND	ND	ND	ND	--	--	---
	1/29/1997	--		38.47	10.00	30.00	10.85	27.62	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/30/1997	--		38.47	10.00	30.00	13.56	24.91	<20	<0.3	<0.3	<0.3	<0.5	<50	--	---
	7/31/1997	--		38.47	10.00	30.00	11.80	26.67	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	10/22/1997	--		38.47	10.00	30.00	12.20	26.27	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	1/28/1998	--		38.47	10.00	30.00	10.12	28.35	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/22/1998	--		38.47	10.00	30.00	13.50	24.97	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	7/8/1998	--		38.47	10.00	30.00	10.20	28.27	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	10/22/1998	--		38.47	10.00	30.00	11.50	26.97	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---

Table 1
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 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, 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
A-5	1/13/1999	--		38.47	10.00	30.00	10.15	28.32	<50	0.32	0.38	<0.3	<0.5	<20	--	---
	4/29/1999	--		38.47	10.00	30.00	11.50	26.97	<50	<0.3	<0.3	<0.3	0.58	<5	--	---
	1/15/2002	--		38.47	10.00	30.00	---	---	<50	<0.5	<0.5	<0.5	<0.5	5	--	---
	4/24/2002	--	j	38.47	10.00	30.00	---	---	<50	<0.50	<0.50	<0.50	<0.50	1.2	--	---
	9/23/2002	P		38.47	10.00	30.00	12.55	35.92	<50	<0.50	<0.50	<0.50	<1.5	1.3	1.0	6.7
	12/9/2002	P		38.47	10.00	30.00	12.60	25.87	<50	<0.50	<0.50	<0.50	<1.0	<5.00	1.9	6.6
	2/11/2003	P	e	38.47	10.00	30.00	11.37	27.10	<50	<0.50	<0.50	<0.50	<0.50	0.97	1.2	6.7
	6/27/2003	--		38.47	10.00	30.00	11.55	26.92	<50	<0.50	<0.50	<0.50	<0.50	0.98	1.5	6.8
	9/4/2003	--		38.47	10.00	30.00	12.21	26.26	<50	<0.50	<0.50	<0.50	<0.50	0.5	3.1	7
	11/17/2003	--	m	38.94	10.00	30.00	12.37	26.57	--	--	--	--	--	--	--	--
	03/01/2004	P	i	41.00	10.00	30.00	10.90	30.10	<50	<0.50	<0.50	<0.50	<0.50	0.77	3.2	6.7
	06/02/2004	--	m	41.00	10.00	30.00	11.70	29.30	--	--	--	--	--	--	--	--
	09/16/2004	P		41.00	10.00	30.00	12.40	28.60	<50	<0.50	<0.50	<0.50	<0.50	0.50	0.2	6.8
	12/07/2004	--	m	41.00	10.00	30.00	12.40	28.60	--	--	--	--	--	--	--	--
	03/02/2005	P		41.00	10.00	30.00	10.54	30.46	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	6.6
	06/20/2005	--	m	41.00	10.00	30.00	10.92	30.08	--	--	--	--	--	--	--	--
	09/06/2005	P		41.00	10.00	30.00	11.67	29.33	<50	<0.50	<0.50	<0.50	<1.5	0.61	0.2	6.7
	03/07/2006	--		41.00	10.00	30.00	10.43	30.57	--	--	--	--	--	--	--	--
A-6	12/24/1991	--		39.07	5.00	30.00	16.88	22.19	<30	<0.3	<0.3	<0.3	<0.3	--	--	---
	3/10/1992	--		39.07	5.00	30.00	13.73	25.34	<30	<0.3	<0.3	<0.3	<0.3	--	--	---
	6/9/1992	--		39.07	5.00	30.00	14.95	24.12	<30	<0.3	<0.3	<0.3	<0.3	--	--	---
	9/14/1992	--		39.07	5.00	30.00	16.20	22.87	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	11/12/1992	--		39.07	5.00	30.00	16.35	22.72	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	2/11/1993	--		39.07	5.00	30.00	13.04	26.03	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	4/14/1993	--		39.07	5.00	30.00	12.23	26.84	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	8/12/1993	--		39.07	5.00	30.00	14.18	24.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	10/26/1993	--		39.07	5.00	30.00	14.85	24.22	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	5/3/1994	--		39.07	5.00	30.00	13.66	25.41	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	8/17/1994	--		38.78	5.00	30.00	14.34	24.44	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	11/18/1994	--		38.78	5.00	30.00	13.76	25.02	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	9/26/1995	--		38.78	5.00	30.00	12.56	26.22	ND	ND	ND	ND	ND	--	--	---
	12/6/1995	--		38.78	5.00	30.00	13.18	25.60	ND	ND	ND	ND	ND	--	--	---
	2/14/1996	--		38.78	5.00	30.00	12.46	26.32	ND	ND	ND	ND	ND	--	--	---
	10/29/1996	--		38.78	5.00	30.00	12.40	26.38	50	ND	ND	ND	ND	--	--	---

Table 1
Groundwater Elevation and Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
A-6	1/29/1997	--		38.78	5.00	30.00	13.85	24.93	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/30/1997	--		38.78	5.00	30.00	12.49	26.29	<20	<0.3	<0.3	<0.3	<0.5	<50	--	---
	7/31/1997	--		38.78	5.00	30.00	12.10	26.68	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	10/22/1997	--		38.78	5.00	30.00	15.20	23.58	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	1/28/1998	--		38.78	5.00	30.00	13.80	24.98	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/22/1998	--		38.78	5.00	30.00	12.45	26.33	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	7/8/1998	--		38.78	5.00	30.00	10.30	28.48	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	10/22/1998	--		38.78	5.00	30.00	11.10	27.68	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/13/1999	--		38.78	5.00	30.00	10.40	28.38	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/29/1999	--		38.78	5.00	30.00	13.80	24.98	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/15/2002	--		38.78	5.00	30.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	5.7	--	---
	4/24/2002	--	j	38.78	5.00	30.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	---
	9/23/2002	P		38.78	5.00	30.00	12.61	26.17	<50	<0.500	<0.500	<0.500	<1.50	<0.500	1.4	6.8
	12/9/2002	P		38.78	5.00	30.00	12.67	26.11	<50	<0.500	<0.500	<0.500	<1.00	<5.00	2.6	6.7
	2/11/2003	P	e	38.78	5.00	30.00	11.21	27.57	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	6.7
	6/27/2003	--		38.78	5.00	30.00	11.60	27.18	<50	<0.50	<0.50	<0.50	<0.50	<0.50	5.0	6.9
	9/4/2003	--		38.78	5.00	30.00	12.29	26.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.8	6.9
	11/17/2003	--		38.78	5.00	30.00	12.44	26.34	--	--	--	--	--	--	--	--
	03/01/2004	--	i, n	41.25	5.00	30.00	10.45	30.80	--	--	--	--	--	--	--	--
	06/02/2004	--	n	41.25	5.00	30.00	11.75	29.50	--	--	--	--	--	--	--	--
	09/16/2004	P		41.25	5.00	30.00	12.56	28.69	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	6.8
	12/07/2004	--	n	41.25	5.00	30.00	12.35	28.90	--	--	--	--	--	--	--	--
	03/02/2005	--	n	41.25	5.00	30.00	10.34	30.91	--	--	--	--	--	--	--	--
	06/20/2005	--	n	41.25	5.00	30.00	10.90	30.35	--	--	--	--	--	--	--	--
	09/06/2005	P		41.25	5.00	30.00	11.70	29.55	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.2	6.8
	03/07/2006	--		41.25	5.00	30.00	10.39	30.86	--	--	--	--	--	--	--	--
A-7	12/24/1991	--		39.95	10.00	35.00	18.11	21.84	10,000	88	16	170	610	--	--	---
	3/10/1992	--		39.95	10.00	35.00	15.30	24.65	320	9.3	0.54	8.8	34	--	--	---
	6/9/1992	--		39.95	10.00	35.00	16.12	23.83	340	11	1.1	8.9	26	--	--	---
	9/14/1992	--		39.95	10.00	35.00	17.35	22.60	510	12	<2.0	30	51	--	--	---
	11/12/1992	--		39.95	10.00	35.00	17.47	22.48	760	17	0.83	50	73	--	--	---
	2/11/1993	--		39.95	10.00	35.00	13.80	26.15	260	20	1	11	21	--	--	---
	4/14/1993	--		39.95	10.00	35.00	13.60	26.35	1,300	89	2.1	48	87	--	--	---
	8/12/1993	--		39.95	10.00	35.00	15.54	24.41	360	9	<0.50	13	9	--	--	---

Table 1
Groundwater Elevation and Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, 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
A-7	10/26/1993	--		39.95	10.00	35.00	16.28	23.67	99	1.7	<0.50	4	3	--	--	---
	2/17/1994	--		39.38	10.00	35.00	14.44	24.94	1,300	38	<1	35	25	--	--	---
	5/3/1994	--		39.38	10.00	35.00	14.34	25.04	330	8.1	<0.5	7.8	3.7	--	--	---
	8/17/1994	--		39.45	10.00	35.00	15.40	24.05	350	2.2	<0.5	9.6	3.6	--	--	---
	11/18/1994	--		39.45	10.00	35.00	14.95	24.50	412	1.3	<0.5	6.2	2	--	--	---
	9/26/1995	--		39.38	10.00	35.00	13.92	25.46	ND	ND	ND	ND	ND	--	--	---
	12/6/1995	--		39.38	10.00	35.00	14.42	24.96	ND	ND	ND	ND	ND	--	--	---
	2/14/1996	--		39.38	10.00	35.00	12.38	27.00	ND	ND	1.1	ND	0.59	--	--	---
	10/29/1996	--		39.38	10.00	35.00	12.33	27.05	ND	ND	ND	ND	ND	--	--	---
	1/29/1997	--		39.38	10.00	35.00	13.10	26.28	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/30/1997	--		39.38	10.00	35.00	11.70	27.68	<20	<0.3	<0.3	<0.3	<0.5	<50	--	---
	7/31/1997	--		39.38	10.00	35.00	13.25	26.13	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	10/22/1997	--		39.38	10.00	35.00	14.42	24.96	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	1/28/1998	--		39.38	10.00	35.00	13.00	26.38	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/22/1998	--		39.38	10.00	35.00	11.65	27.73	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	7/8/1998	--		39.38	10.00	35.00	11.20	28.18	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	10/22/1998	--		39.38	10.00	35.00	13.75	25.63	51	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/13/1999	--		39.38	10.00	35.00	14.45	24.93	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/29/1999	--		39.38	10.00	35.00	13.74	25.64	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/15/2002	--		39.38	10.00	35.00	---	---	<50	<0.5	<0.5	<0.5	<0.5	4.8	--	---
	4/24/2002	--	j	39.38	10.00	35.00	---	---	<50	<0.50	<0.50	<0.50	<0.50	7.2	--	---
	9/23/2002	P		39.38	10.00	35.00	13.78	25.60	<50.0	<0.500	<0.500	<0.500	<1.50	3.48	0.8	6.7
	12/9/2002	P		39.38	10.00	35.00	13.97	25.41	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	2.2	6.8
	2/11/2003	P	e	39.38	10.00	35.00	12.35	27.03	54	<0.50	<0.50	<0.50	<0.50	21	1.7	6.3
	6/27/2003	--		39.38	10.00	35.00	12.95	26.43	<50	<0.50	<0.50	<0.50	<0.50	9.4	1.3	6.8
	9/4/2003	--		39.38	10.00	35.00	13.59	25.79	<50	<0.50	<0.50	<0.50	<0.50	3.4	2.6	6.9
	11/17/2003	P		39.38	10.00	35.00	13.84	25.54	<50	<0.50	<0.50	<0.50	<0.50	1.4	3.5	6.5
	03/01/2004	P	i	41.94	10.00	35.00	12.65	29.29	<50	<0.50	<0.50	<0.50	<0.50	1.1	3.5	6.7
	06/02/2004	P		41.94	10.00	35.00	13.08	28.86	<50	<0.50	<0.50	<0.50	<0.50	0.92	1.3	7.3
	09/16/2004	P		41.94	10.00	35.00	13.89	28.05	<50	<0.50	<0.50	<0.50	<0.50	1.0	0.7	6.7
	12/07/2004	P		41.94	10.00	35.00	13.77	28.17	<50	<0.50	<0.50	<0.50	<0.50	1.8	0.8	7.3
	03/02/2005	P		41.94	10.00	35.00	12.35	29.59	<50	<0.50	<0.50	<0.50	<0.50	1.4	3.1	6.7
	06/20/2005	P		41.94	10.00	35.00	12.30	29.64	<50	<0.50	<0.50	<0.50	<0.50	6.0	0.12	6.8
	09/06/2005	P		41.94	10.00	35.00	13.10	28.84	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.1	6.7

Table 1
Groundwater Elevation and Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
A-7	03/07/2006	--		41.94	10.00	35.00	11.83	30.11	--	--	--	--	--	--	--	--
A-8	9/14/1992	--		37.23	10.00	35.00	14.19	23.04	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	11/12/1992	--		37.23	10.00	35.00	14.35	22.88	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	2/11/1993	--		37.23	10.00	35.00	11.25	25.98	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	4/14/1993	--		37.23	10.00	35.00	12.33	24.90	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	8/12/1993	--		37.23	10.00	35.00	12.41	24.82	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	10/26/1993	--		37.23	10.00	35.00	13.02	24.21	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	2/17/1994	--		36.76	10.00	35.00	11.47	25.29	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	5/3/1994	--		36.76	10.00	35.00	11.35	25.41	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	8/17/1994	--		36.84	10.00	35.00	12.34	24.50	<50	<0.5	1.7	<0.5	1.4	--	--	---
	11/18/1994	--		36.84	10.00	35.00	11.90	24.94	<50	1	<0.5	<0.5	<0.5	--	--	---
	9/26/1995	--		36.76	10.00	35.00	10.94	25.82	<50	ND	ND	ND	ND	--	--	---
	12/6/1995	--		36.76	10.00	35.00	11.42	25.34	<50	ND	ND	ND	ND	--	--	---
	2/14/1996	--		36.76	10.00	35.00	8.80	27.96	<50	ND	0.48	ND	ND	--	--	---
	10/29/1996	--		36.76	10.00	35.00	11.30	25.46	<50	ND	ND	ND	ND	--	--	---
	1/29/1997	--		36.76	10.00	35.00	7.60	29.16	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/30/1997	--		36.76	10.00	35.00	10.54	26.22	<50	<0.3	<0.3	<0.3	<0.5	<50	--	---
	7/31/1997	--		36.76	10.00	35.00	11.20	25.56	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	10/22/1997	--		36.76	10.00	35.00	12.14	24.62	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	1/28/1998	--		36.76	10.00	35.00	4.43	32.33	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/22/1998	--		36.76	10.00	35.00	10.55	26.21	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	7/8/1998	--		36.76	10.00	35.00	9.07	27.69	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	10/22/1998	--		36.76	10.00	35.00	12.12	24.64	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/13/1999	--		36.76	10.00	35.00	9.60	27.16	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/29/1999	--		36.76	10.00	35.00	9.08	27.68	<50	<0.3	<0.3	<0.3	1.5	<5	--	---
	1/15/2002	--		36.76	10.00	35.00	---	---	<50	<0.5	<0.5	<0.5	<0.5	5.6	--	---
	4/24/2002	--	j	36.76	10.00	35.00	---	---	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	---
	9/23/2002	P		36.76	10.00	35.00	10.75	26.01	<50	<0.500	<0.500	<0.500	<1.50	<0.500	1.0	6.8
	12/9/2002	P		36.76	10.00	35.00	10.81	25.95	<50	<0.500	<0.500	<0.500	<1.00	<5.00	2.1	6.6
	2/11/2003	P	e	36.76	10.00	35.00	9.90	26.86	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	6.5
	6/27/2003	--		36.76	10.00	35.00	9.73	27.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	6.8
	9/4/2003	--		36.76	10.00	35.00	10.32	26.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	6.9
	11/17/2003	--	m	36.76	10.00	35.00	10.55	26.21	--	--	--	--	--	--	--	--
	03/01/2004	P	i	39.29	10.00	35.00	8.51	30.78	<50	<0.50	<0.50	<0.50	<0.50	0.76	3.6	6.8

Table 1
Groundwater Elevation and Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, 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	
A-8	06/02/2004	--	m	39.29	10.00	35.00	9.83	29.46	--	--	--	--	--	--	--	--	
	09/16/2004	P		39.29	10.00	35.00	10.75	28.54	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.1	6.7	
	12/07/2004	--	m	39.29	10.00	35.00	10.55	28.74	--	--	--	--	--	--	--	--	
	03/02/2005	P		39.29	10.00	35.00	8.35	30.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	6.8	
	06/20/2005	--	m	39.29	10.00	35.00	8.95	30.34	--	--	--	--	--	--	--	--	
	09/06/2005	P		39.29	10.00	35.00	9.85	29.44	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.3	6.7	
	03/07/2006	--		39.29	10.00	35.00	8.33	30.96	--	--	--	--	--	--	--	--	
	A-9	9/14/1992	--		38.71	10.00	35.00	16.12	22.59	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
11/12/1992		--		38.71	10.00	35.00	16.29	22.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	---	
2/11/1993		--		38.71	10.00	35.00	12.31	26.40	<50	<0.5	<0.5	<0.5	<0.5	--	--	---	
4/14/1993		--		38.71	10.00	35.00	12.01	26.70	<50	<0.5	<0.5	<0.5	<0.5	--	--	---	
8/12/1993		--		38.71	10.00	35.00	13.90	24.81	<50	<0.5	<0.5	<0.5	<0.5	--	--	---	
10/26/1993		--		38.71	10.00	35.00	14.86	23.85	<50	<0.5	<0.5	<0.5	<0.5	--	--	---	
2/17/1994		--		38.19	10.00	35.00	12.99	25.20	<50	<0.5	<0.5	<0.5	<0.5	--	--	---	
8/17/1994		--		38.19	10.00	35.00	14.03	24.16	<50	<0.5	<0.5	<0.5	<0.5	--	--	---	
11/18/1994		--		37.24	10.00	35.00	13.44	23.80	<50	<0.5	<0.5	<0.5	<0.5	--	--	---	
9/26/1995		--		37.24	10.00	35.00	12.43	25.81	<50	<0.5	ND	ND	ND	--	--	---	
12/6/1995		--		38.19	10.00	35.00	13.14	25.05	<50	<0.5	ND	ND	ND	--	--	---	
2/14/1996		--		38.19	10.00	35.00	9.05	29.14	<50	ND	1.8	0.49	0.82	--	--	---	
10/29/1996		--		38.19	10.00	35.00	12.85	25.34	<50	ND	ND	ND	ND	--	--	---	
1/29/1997		--		38.19	10.00	35.00	9.02	29.17	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---	
4/30/1997		--		38.19	10.00	35.00	12.05	26.14	<50	<0.3	<0.3	<0.3	<0.5	<50	--	---	
7/31/1997		--		38.19	10.00	35.00	12.18	26.01	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---	
10/22/1997		--		38.19	10.00	35.00	7.45	30.74	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---	
1/28/1998		--		38.19	10.00	35.00	21.25	16.94	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---	
4/22/1998		--		38.19	10.00	35.00	12.10	26.09	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---	
7/8/1998		--		38.19	10.00	35.00	10.40	27.79	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---	
10/22/1998		--		38.19	10.00	35.00	1.55	24.64	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---	
1/13/1999		--		38.19	10.00	35.00	12.05	26.14	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---	
4/29/1999		--		38.19	10.00	35.00	7.43	30.76	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---	
1/15/2002		--		38.19	10.00	35.00	---	---	<50	<0.5	<0.5	<0.5	<0.5	4.3	--	---	
4/24/2002		--	j	38.19	10.00	35.00	---	---	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	---
9/23/2002		P		38.19	10.00	35.00	12.35	25.84	<50	<0.500	<0.500	<0.500	<1.50	<0.500	1.6	6.8	
12/9/2002	P		38.19	10.00	35.00	12.37	25.82	<50	<0.500	<0.500	<0.500	<1.00	<5.00	3.2	7.1		

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #5387
20200 Hesperian Blvd., Hayward, 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
A-9	2/11/2003	P	e	38.19	10.00	35.00	10.97	27.22	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0	6.7
	6/27/2003	--		38.19	10.00	35.00	11.41	26.78	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	6.7
	9/4/2003	--		38.19	10.00	35.00	12.00	26.19	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	6.9
	11/17/2003	--		38.19	10.00	35.00	12.18	26.01	--	--	--	--	--	--	--	--
	03/01/2004	P	i	40.73	10.00	35.00	10.30	30.43	<50	<0.50	<0.50	<0.50	<0.50	0.50	3.1	6.7
	06/02/2004	--	m	40.73	10.00	35.00	11.50	29.23	--	--	--	--	--	--	--	--
	09/16/2004	P		40.73	10.00	35.00	12.23	28.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	6.8
	12/07/2004	--	m	40.73	10.00	35.00	12.20	28.53	--	--	--	--	--	--	--	--
	03/02/2005	P		40.73	10.00	35.00	10.09	30.64	--	--	--	--	--	--	3.7	--
	06/20/2005	--	m	40.73	10.00	35.00	10.75	29.98	--	--	--	--	--	--	--	--
	09/06/2005	P		40.73	10.00	35.00	11.44	29.29	<50	<0.50	<0.50	<0.50	<1.5	<0.50	1.0	6.6
	03/07/2006	--		40.73	10.00	35.00	10.33	30.40	--	--	--	--	--	--	--	--
A-10	12/7/1992	--		38.94	10.00	35.00	16.81	22.13	660	30	<2.5	<2.5	<2.5	--	--	---
	2/11/1993	--		38.94	10.00	35.00	13.15	25.79	210	<0.5	0.97	<0.5	<0.5	--	--	---
	4/14/1993	--		38.94	10.00	35.00	12.19	26.75	770	<0.5	3	0.76	1.9	--	--	---
	8/12/1993	--		38.94	10.00	35.00	14.87	24.07	390	<0.5	<0.5	<0.5	0.84	--	--	---
	10/26/1993	--		38.94	10.00	35.00	15.65	23.29	290	<0.5	<0.5	<0.5	<0.5	--	--	---
	2/17/1994	--		38.66	10.00	35.00	14.16	24.50	52	<0.5	<0.5	<0.5	<0.5	--	--	---
	5/3/1994	--		38.66	10.00	35.00	14.00	24.66	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	8/17/1994	--		38.72	10.00	35.00	15.08	23.64	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	11/18/1994	--		38.72	10.00	35.00	14.68	24.04	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	9/26/1995	--		38.66	10.00	35.00	13.58	25.08	ND	ND	ND	ND	ND	--	--	---
	12/6/1995	--		38.66	10.00	35.00	14.24	24.42	ND	ND	ND	ND	ND	--	--	---
	2/14/1996	--		38.66	10.00	35.00	6.70	31.96	ND	ND	ND	ND	ND	--	--	---
	10/29/1996	--		38.66	10.00	35.00	14.10	24.56	ND	ND	ND	ND	1.1	--	--	---
	1/29/1997	--		38.66	10.00	35.00	11.20	24.46	<50	0.41	4.8	0.6	4.4	37	--	---
	4/30/1997	--		38.66	10.00	35.00	12.66	26.00	<20	0.4	4.2	0.5	3.8	50	--	---
	7/31/1997	--		38.66	10.00	35.00	13.20	25.46	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/22/1998	--		38.66	10.00	35.00	12.60	26.06	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	7/8/1998	--		38.66	10.00	35.00	8.08	30.58	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	10/22/1998	--		38.66	10.00	35.00	11.15	27.51	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/13/1999	--		38.66	10.00	35.00	9.60	29.06	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/29/1999	--		38.66	10.00	35.00	11.15	27.51	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/15/2002	--		38.66	10.00	35.00	---	--	<50	<0.5	<0.5	<0.5	<0.5	17	--	---

Table 1
Groundwater Elevation and Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, 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
A-10	4/24/2002	--		38.66	10.00	35.00	---	--	---	---	---	---	---	--	--	---
	9/23/2002	--	o	38.66	10.00	35.00	---	--	---	---	---	---	---	--	---	---
	12/19/2002	P	c	38.66	10.00	35.00	12.75	25.91	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	---
	2/11/2003	P	e	38.66	10.00	35.00	12.21	26.45	<50	<0.50	<0.50	<0.50	<0.50	1.9	1.3	6.7
	6/27/2003	--		38.66	10.00	35.00	12.66	26.00	<50	<0.50	<0.50	<0.50	<0.50	0.99	0.8	7.2
	9/4/2003	--		38.66	10.00	35.00	13.31	25.35	<50	<0.50	<0.50	<0.50	<0.50	1.1	0.9	6.9
	11/17/2003	--	n	38.66	10.00	35.00	13.27	25.39	--	--	--	--	--	--	--	--
	03/01/2004	--	j, n	41.22	10.00	35.00	11.55	29.67	--	--	--	--	--	--	--	--
	06/02/2004	--	n	41.22	10.00	35.00	12.61	28.61	--	--	--	--	--	--	--	--
	09/16/2004	P	k	41.22	10.00	35.00	12.51	28.71	<50	<0.50	<0.50	<0.50	<0.50	0.84	0.2	6.8
	12/07/2004	--	n	41.22	10.00	35.00	13.60	27.62	--	--	--	--	--	--	--	--
	03/02/2005	--	n	41.22	10.00	35.00	11.46	29.76	--	--	--	--	--	--	--	--
	06/20/2005	--	n	41.22	10.00	35.00	12.00	29.22	--	--	--	--	--	--	--	--
	09/06/2005	--	a	41.22	10.00	35.00	--	--	--	--	--	--	--	--	--	--
	03/07/2006	--		41.22	10.00	35.00	10.42	30.80	--	--	--	--	--	--	--	--
AR-1	9/14/1992	--		38.11	15.00	40.00	15.21	22.90	820	67	<1.0	8.8	6.7	--	--	---
	11/12/1992	--		38.11	15.00	40.00	15.36	22.75	140	66	<0.5	4.3	3.7	--	--	---
	2/11/1993	--		38.11	15.00	40.00	12.81	25.30	360	190	<2.5	8.6	<2.5	--	--	---
	4/14/1993	--		38.11	15.00	40.00	11.77	26.34	420	240	5.2	30	8.7	--	--	---
	8/12/1993	--		38.11	15.00	40.00	13.55	24.56	370	150	<2	11	<2	--	--	---
	10/26/1993	--		38.11	15.00	40.00	13.98	24.13	240	98	<2	11	<2	--	--	---
	2/17/1994	--		37.46	15.00	40.00	12.15	25.31	4,700	1,100	<10	140	26	--	--	---
	5/3/1994	--		37.46	15.00	40.00	12.03	25.43	620	130	1.3	48	4.3	--	--	---
	8/17/1994	--		37.33	15.00	40.00	12.92	24.41	3,600	630	<5	200	12	--	--	---
	11/18/1994	--		37.33	15.00	40.00	12.41	24.92	12,100	720	6.1	337	15	--	--	---
	9/26/1995	--		37.46	15.00	40.00	11.34	26.12	ND	8.3	ND	ND	ND	--	--	---
	12/6/1995	--		37.46	15.00	40.00	11.87	25.59	120	20	ND	20	0.6	--	--	---
	2/14/1996	--		37.46	15.00	40.00	10.48	26.98	ND	ND	ND	ND	0.52	--	--	---
	10/29/1996	--		37.46	15.00	40.00	11.80	25.66	ND	ND	0.99	ND	ND	--	--	---
	1/29/1997	--		37.46	15.00	40.00	11.25	26.21	<50	0.41	<0.3	<0.3	<0.3	<20	--	---
	4/30/1997	--		37.46	15.00	40.00	12.24	25.22	<20	<0.3	<0.3	<0.3	<0.5	<50	--	---
	7/31/1997	--		37.46	15.00	40.00	10.80	26.66	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	10/22/1997	--		37.46	15.00	40.00	11.90	25.56	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	1/28/1998	--		37.46	15.00	40.00	11.20	26.26	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---

Table 1
Groundwater Elevation and Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
AR-1	4/22/1998	--		37.46	15.00	40.00	12.20	25.26	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	7/8/1998	--		37.46	15.00	40.00	9.10	28.36	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	10/22/1998	--		37.46	15.00	40.00	9.80	27.66	270	2.1	<0.3	3.6	<0.5	190	--	---
	1/13/1999	--		37.46	15.00	40.00	10.10	27.36	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/29/1999	--		37.46	15.00	40.00	11.35	26.11	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/15/2002	--		37.46	15.00	40.00	---	---	<50	<0.5	<0.5	<0.5	1.1	2.9	--	---
	4/24/2002	--	j	37.46	15.00	40.00	---	---	<50	<0.50	<0.50	<0.50	<0.50	2.6	--	---
	9/23/2002	P		37.46	15.00	40.00	11.26	26.20	<50.0	<0.500	<0.500	<0.500	<1.50	20.2	1.6	6.9
	12/9/2002	P		37.46	15.00	40.00	11.35	26.11	<50.0	<0.500	<0.500	<0.500	<1.00	26.6	1.8	6.9
	2/11/2003	P	e	37.46	15.00	40.00	9.91	27.55	<50	<0.50	<0.50	<0.50	<0.50	4.7	1.2	6.7
	6/27/2003	NP		37.46	15.00	40.00	10.30	27.16	<50	<0.50	<0.50	<0.50	<0.50	1.6	1.6	7
	09/04/2003	--	f	37.46	15.00	40.00	---	--	--	--	--	--	--	--	--	---
	11/17/2003	P		37.46	15.00	40.00	11.13	26.33	<50	<0.50	<0.50	<0.50	<0.50	1.4	1.8	6.7
	03/01/2004	P	i	39.82	15.00	40.00	9.00	30.82	<50	<0.50	<0.50	<0.50	<0.50	8.6	0.6	7.0
	06/02/2004	NP		39.82	15.00	40.00	10.40	29.42	<50	<0.50	<0.50	<0.50	<0.50	3.6	0.3	7.2
	09/16/2004	NP		39.82	15.00	40.00	11.18	28.64	<50	<0.50	<0.50	<0.50	<0.50	3.2	0.1	6.7
	12/07/2004	NP		39.82	15.00	40.00	11.15	28.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.2	7.3
	03/02/2005	P	p	39.82	15.00	40.00	9.01	30.81	<50	<0.50	<0.50	<0.50	<0.50	1.7	0.9	6.8
	06/20/2005	NP		39.82	15.00	40.00	9.55	30.27	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.07	8.1
	09/06/2005	NP		39.82	15.00	40.00	10.42	29.40	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.7	7.5
	03/07/2006	--		39.82	15.00	40.00	9.04	30.78	--	--	--	--	--	--	--	--
AR-2	3/30/1993	--		38.39	5.00	35.00	11.53	26.86	390	4.1	1.6	<0.5	47	--	--	---
	4/14/1993	--		38.39	5.00	35.00	11.87	26.52	310	18	<0.5	0.67	36	--	--	---
	8/12/1993	--		38.39	5.00	35.00	13.59	24.80	130	16	<0.5	1.7	0.57	--	--	---
	10/26/1993	--		38.39	5.00	35.00	14.25	24.14	110	15	<0.5	1.8	<0.5	--	--	---
	2/17/1994	--		38.39	5.00	35.00	12.76	25.22	130	2.9	<0.5	15	0.8	--	--	---
	5/3/1994	--		38.39	5.00	35.00	12.60	25.38	<50	<0.5	<0.5	<0.5	<0.5	--	--	---
	8/17/1994	--		38.18	5.00	35.00	13.86	24.32	3,000	140	140	220	91	--	--	---
	11/18/1994	--		38.18	5.00	35.00	13.33	24.85	623	10.5	10.5	27.9	8	--	--	---
	9/26/1995	--		37.98	5.00	35.00	11.67	26.31	ND	ND	ND	ND	ND	--	--	---
	12/6/1995	--		37.98	5.00	35.00	12.32	25.66	320	12	12	23	2.1	--	--	---
	2/14/1996	--		37.98	5.00	35.00	10.74	27.24	ND	ND	ND	ND	0.76	--	--	---
	10/29/1996	--		37.98	5.00	35.00	11.95	26.03	ND	ND	ND	ND	ND	--	--	---
	1/29/1997	--		37.98	5.00	35.00	11.35	26.63	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #5387
20200 Hesperian Blvd., Hayward, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
AR-2	4/30/1997	--		37.98	5.00	35.00	12.15	25.83	<20	<0.3	<0.3	<0.3	<0.5	<50	--	---
	7/31/1997	--		37.98	5.00	35.00	11.20	26.78	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	10/22/1997	--		37.98	5.00	35.00	12.14	25.84	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	1/28/1998	--		37.98	5.00	35.00	10.05	27.93	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/22/1998	--		37.98	5.00	35.00	12.10	25.88	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	7/8/1998	--		37.98	5.00	35.00	9.50	28.48	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	10/22/1998	--		37.98	5.00	35.00	10.45	27.53	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/13/1999	--		37.98	5.00	35.00	10.50	27.48	<50	<0.3	0.4	<0.3	0.53	<20	--	---
	4/29/1999	--		37.98	5.00	35.00	11.48	26.50	<50	<0.3	<0.3	<0.3	0.82	<5	--	---
	1/15/2002	--		37.98	5.00	35.00	---	---	<50	<0.5	<0.5	<0.5	<0.5	17	--	---
	4/24/2002	--	j	37.98	5.00	35.00	---	---	<50	<0.50	<0.50	<0.50	<0.50	39	--	---
	9/23/2002	P		37.98	5.00	35.00	12.22	25.76	<50.0	<0.500	<0.500	<0.500	<1.50	4.43	1.0	7.1
	12/9/2002	P		37.98	5.00	35.00	12.30	25.68	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	1.1	7
	2/11/2003	P	e	37.98	5.00	35.00	10.80	27.18	<50	<0.50	<0.50	<0.50	<0.50	0.75	1.8	6.9
	6/27/2003	NP		37.98	5.00	35.00	11.14	26.84	<50	<0.50	<0.50	<0.50	<0.50	6	0.9	6.4
	09/04/2003	--	f	37.98	5.00	35.00	---	--	--	--	--	--	--	--	--	---
	11/17/2003	P		38.89	5.00	35.00	12.08	26.81	<50	<0.50	<0.50	<0.50	<0.50	0.86	1.8	6.8
	03/01/2004	P	i	40.68	5.00	35.00	10.01	30.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	6.9
	06/02/2004	--		40.68	5.00	35.00	11.38	29.30	<50	<0.50	<0.50	<0.50	<0.50	4.3	0.3	6.7
	09/16/2004	NP		40.68	5.00	35.00	12.12	28.56	<50	<0.50	<0.50	<0.50	<0.50	1.5	0.1	6.9
	12/07/2004	NP		40.68	5.00	35.00	12.00	28.68	<50	<0.50	<0.50	<0.50	<0.50	1.2	0.3	7.4
	03/02/2005	NP		40.68	5.00	35.00	9.92	30.76	<50	<0.50	<0.50	<0.50	<0.50	1.5	0.8	7.0
	06/20/2005	NP		40.68	5.00	35.00	10.49	30.19	<50	<0.50	<0.50	<0.50	<0.50	0.97	0.11	6.6
	09/06/2005	NP		40.68	5.00	35.00	11.35	29.33	<50	<0.50	<0.50	<0.50	<1.5	0.79	0.7	7.0
	03/07/2006	--		40.68	5.00	35.00	9.92	30.76	--	--	--	--	--	--	--	--
MW-1	8/8/1986	--		38.36	5.00	30.00	11.25	27.11	7,040	132	8.7	439	230	--	--	---
	12/24/1991	--		38.36	5.00	30.00	16.12	22.24	2,200	190	8.5	6.9	2.6	--	--	---
	3/10/1992	--		38.36	5.00	30.00	13.34	25.02	2,800	270	29	56	39	--	--	---
	6/9/1992	--		38.36	5.00	30.00	14.12	24.24	2,900	960	27	99	63	--	--	---
	9/14/1992	--		38.36	5.00	30.00	15.34	23.02	2,600	450	<5.0	45	21	--	--	---
	11/12/1992	--		38.36	5.00	30.00	15.46	22.90	1,600	310	7.2	22	8.9	--	--	---
	2/11/1993	--		38.36	5.00	30.00	11.95	26.41	4,000	510	47	200	91	--	--	---
	4/14/1993	--		38.36	5.00	30.00	11.65	26.71	1,700	260	20	100	70	--	--	---
	8/12/1993	--		38.36	5.00	30.00	12.93	25.43	830	60	3.8	39	3.6	--	--	---

Table 1
Groundwater Elevation and Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-1	10/26/1993	--		38.36	5.00	30.00	14.13	24.23	8,800	140	<10	41	<10	--	--	---
	2/17/1994	--		37.26	5.00	30.00	11.86	25.40	1,200	130	12	54	58	--	--	---
	5/3/1994	--		37.26	5.00	30.00	11.58	25.68	--	--	--	--	--	--	--	---
	8/17/1994	--		37.33	5.00	30.00	12.78	24.55	3,900	86	5.1	78	9.4	--	--	---
	11/18/1994	--		37.33	5.00	30.00	12.31	25.02	6,350	112	8.4	107	35	--	--	---
	9/26/1995	--		37.26	5.00	30.00	11.26	26.00	ND	ND	ND	ND	ND	--	--	---
	12/6/1995	--		37.26	5.00	30.00	12.16	25.10	4,100	0.86	0.46	0.38	0.92	--	--	---
	2/14/1996	--		37.26	5.00	30.00	8.53	28.73	ND	ND	0.56	ND	0.82	--	--	---
	10/29/1996	--		37.26	5.00	30.00	10.23	27.03	130	ND	ND	ND	ND	--	--	---
	1/29/1997	--		37.26	5.00	30.00	8.15	29.11	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/30/1997	--		37.26	5.00	30.00	8.05	29.21	<20	<0.3	<0.3	<0.3	<0.5	<50	--	---
	7/31/1997	--		37.26	5.00	30.00	10.50	26.76	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	10/22/1997	--		37.26	5.00	30.00	11.15	26.11	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	1/28/1998	--		37.26	5.00	30.00	4.95	32.31	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/22/1998	--		37.26	5.00	30.00	8.10	29.16	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	7/8/1998	--		37.26	5.00	30.00	8.02	29.24	<50	<0.3	<0.3	<0.3	<0.5	40	--	---
	10/22/1998	--		37.26	5.00	30.00	9.70	27.56	230	0.43	1.9	0.99	0.99	33	--	---
	1/13/1999	--		37.26	5.00	30.00	9.60	27.66	<50	0.43	<0.3	<0.3	<0.5	<20	--	---
	4/29/1999	--	l	37.26	5.00	30.00	8.05	29.21	<50	<0.3	<0.3	<0.3	<0.5	31/17	--	---
	1/15/2002	--		37.26	5.00	30.00	---	---	<50	<0.05	<0.5	<0.5	<0.5	21	--	---
	4/24/2002	--	j	37.26	5.00	30.00	---	---	160	1.5	<0.50	<0.50	<0.50	770	--	---
	09/23/2002	--	a	37.26	5.00	30.00	---	---	--	--	--	--	--	--	--	---
	12/9/2002	P	b, d, j	37.26	5.00	30.00	11.22	26.04	998	<0.50	<0.50	<0.50	1.37	855/1310	2.2	7.0
	2/11/2003	P	e	37.26	5.00	30.00	9.70	27.56	120	<0.50	<0.50	<0.50	<0.50	76	1.6	6.7
	6/27/2003	P		37.26	5.00	30.00	10.10	27.16	<500	<5.0	<5.0	<5.0	<5.0	170	0.8	6.8
	09/04/2003	--	f	37.26	5.00	30.00	---	--	--	--	--	--	--	--	--	---
	11/17/2003	P		37.26	5.00	30.00	10.94	26.32	420	<0.50	<0.50	<0.50	<0.50	140	1.7	--
	03/01/2004	P	i	39.80	5.00	30.00	8.85	30.95	<50	<0.50	<0.50	<0.50	<0.50	14	2.1	6.5
	06/02/2004	P		39.80	5.00	30.00	10.30	29.50	340	<2.5	<2.5	<2.5	<2.5	250	0.4	7.0
	09/16/2004	P		39.80	5.00	30.00	11.02	28.78	<250	<2.5	<2.5	<2.5	<2.5	170	0.5	6.7
	12/07/2004	--		39.80	5.00	30.00	10.83	28.97	<250	<2.5	<2.5	<2.5	<2.5	180	1.0	7.4
	03/02/2005	P		39.80	5.00	30.00	8.62	31.18	50	<0.50	<0.50	<0.50	<0.50	24	1.8	6.8
	06/20/2005	P		39.80	5.00	30.00	9.20	30.60	<50	<0.50	<0.50	<0.50	<0.50	2.2	0.08	7.5
	09/06/2005	P		39.80	5.00	30.00	10.12	29.68	<50	<0.50	<0.50	<0.50	<1.5	3.5	0.1	6.8

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #5387
20200 Hesperian Blvd., Hayward, 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	03/07/2006	P		39.80	5.00	30.00	8.69	31.11	<50	<0.50	<0.50	<0.50	<0.50	4.7	0.5	6.8
MW-2	8/8/1986	--		38.58	5.00	30.00	11.62	26.96	1,910	20.1	2.8	1.8	--	--	--	---
	12/24/1991	--		38.58	5.00	30.00	16.50	22.08	23,000	1,500	1,100	480	1,400	--	--	---
	3/10/1992	--		38.58	5.00	30.00	13.50	25.08	210,000	44,000	3,900	1,700	5,800	--	--	---
	6/9/1992	--		38.58	5.00	30.00	14.52	24.06	33,000	2,300	370	780	2,600	--	--	---
	9/14/1992	--		38.58	5.00	30.00	15.78	22.80	16,000	3,700	10	470	1,000	--	--	---
	11/12/1992	--		38.58	5.00	30.00	15.98	22.60	16,000	3,800	86	470	910	--	--	---
	2/11/1993	--		38.58	5.00	30.00	12.27	26.31	27,000	3,500	720	1,600	380	--	--	---
	4/14/1993	--		38.58	5.00	30.00	12.01	26.57	27,000	3,500	220	2,200	5,100	--	--	---
	8/12/1993	--		38.58	5.00	30.00	13.81	24.77	16,000	1,600	27	1,300	1,200	--	--	---
	10/26/1993	--		38.58	5.00	30.00	14.53	24.05	12,000	1,200	<25	510	330	--	--	---
	2/17/1994	--		38.58	5.00	30.00	12.81	25.77	15,000	1,800	21	850	540	--	--	---
	5/3/1994	--		38.58	5.00	30.00	12.63	25.95	--	--	--	--	--	--	--	---
	8/17/1994	--		37.99	5.00	30.00	13.69	24.30	14,000	850	13	640	270	--	--	---
	11/18/1994	--		38.06	5.00	30.00	13.18	24.88	14,900	640	3.4	532	156	--	--	---
	9/26/1995	--		37.99	5.00	30.00	12.23	25.76	5,100	40	25	2.5	18	--	--	---
	12/6/1995	--		37.99	5.00	30.00	12.82	25.17	810	34	23	11	11	--	--	---
	2/14/1996	--		37.99	5.00	30.00	10.87	27.12	420	0.75	0.54	0.64	0.53	--	--	---
	10/29/1996	--		37.99	5.00	30.00	12.95	25.04	670	1.7	1.3	0.6	0.8	--	--	---
	1/29/1997	--		37.99	5.00	30.00	11.15	26.84	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/30/1997	--		37.99	5.00	30.00	11.09	26.90	<20	<0.3	<0.3	<0.3	<0.5	<50	--	---
	7/31/1997	--		37.99	5.00	30.00	11.70	26.29	330	<0.3	0.58	0.53	<0.5	<20	--	---
	10/22/1997	--		37.99	5.00	30.00	11.05	26.94	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	1/28/1998	--		37.99	5.00	30.00	9.50	28.49	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/22/1998	--		37.99	5.00	30.00	11.15	26.84	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	7/8/1998	--		37.99	5.00	30.00	10.20	27.79	78	<0.3	<0.3	<0.3	<0.5	97	--	---
	10/22/1998	--		37.99	5.00	30.00	11.10	26.89	270	0.37	2	0.91	0.73	26	--	---
	1/13/1999	--		37.99	5.00	30.00	11.10	26.89	650	5.8	1	1.4	1.1	<20	--	---
	4/29/1999	--	i	37.99	5.00	30.00	11.05	26.94	<50	<0.3	<0.3	<0.3	<0.5	23/16	--	---
	1/15/2002	--		37.99	5.00	30.00	--	---	1,200	15	4.5	<0.5	<0.5	190	--	---
	4/24/2002	--	j	37.99	5.00	30.00	--	---	1,300	18	<10	<10	<10	170	--	---
	9/23/2002	P		37.99	5.00	30.00	12.15	25.84	1,440	11.2	0.73	<0.500	<1.50	228	1.6	6.9
	12/9/2002	P	b, d, j	37.99	5.00	30.00	12.20	25.79	1,770	8.08	0.694	2.47	3.79	529/902	6.2	6.7
	2/11/2003	P	e	37.99	5.00	30.00	10.79	27.20	1,100	<0.50	<0.50	<0.50	0.53	71	1.2	6.8

Table 1
Groundwater Elevation and Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-2	6/27/2003	P		37.99	5.00	30.00	11.20	26.79	520	<0.50	<0.50	<0.50	<0.50	45	0.8	6.8
	9/4/2003	P		37.99	5.00	30.00	11.84	26.15	500	<0.50	<0.50	<0.50	<0.50	28	1.2	6.9
	11/17/2003	P		37.99	5.00	30.00	11.98	26.01	530	<0.50	<0.50	<0.50	<0.50	50	3.1	6.7
	03/01/2004	P	i	40.51	5.00	30.00	10.05	30.46	890	<0.50	<0.50	<0.50	<0.50	36	3.1	6.6
	06/02/2004	P		40.51	5.00	30.00	11.32	29.19	310	<0.50	<0.50	<0.50	<0.50	9.2	0.3	7.2
	09/16/2004	P		40.51	5.00	30.00	12.01	28.50	400	<0.50	<0.50	<0.50	<0.50	4.0	0.2	6.8
	12/07/2004	P		40.51	5.00	30.00	12.00	28.51	920	<5.0	<5.0	<5.0	<5.0	10	0.9	7.4
	03/02/2005	P		40.51	5.00	30.00	9.92	30.59	180	<0.50	<0.50	<0.50	<0.50	4.4	1.7	6.9
	06/20/2005	P		40.51	5.00	30.00	10.46	30.05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.12	6.7
	09/06/2005	P		40.51	5.00	30.00	11.28	29.23	440	<0.50	<0.50	<0.50	<1.5	2.5	0.2	6.7
	03/07/2006	P		40.51	5.00	30.00	10.04	30.47	360	<0.50	<0.50	<0.50	<0.50	1.3	0.6	6.8
MW-3	8/8/1986	--		37.77	5.00	30.00	10.61	27.16	7,450	510	549	409	1,380	--	--	---
	12/24/1991	--		37.77	5.00	30.00	15.60	22.17	6,800	450	10	610	45	--	--	---
	3/10/1992	--		37.77	5.00	30.00	12.90	24.87	11,000	2,500	75	400	560	--	--	---
	6/9/1992	--		37.77	5.00	30.00	13.60	24.17	16,000	2,000	69	1,300	2,600	--	--	---
	9/14/1992	--		37.77	5.00	30.00	14.78	22.99	14,000	630	<50	1,500	2,400	--	--	---
	11/12/1992	--		37.77	5.00	30.00	14.92	22.85	7,400	400	<25	860	330	--	--	---
	2/11/1993	--		37.77	5.00	30.00	11.65	26.12	8,600	580	<20	710	300	--	--	---
	4/14/1993	--		37.77	5.00	30.00	11.16	26.61	6,900	300	8.8	580	99	--	--	---
	8/12/1993	--		37.77	5.00	30.00	12.82	24.95	3,400	56	<5	190	<5	--	--	---
	10/26/1993	--		37.77	5.00	30.00	13.60	24.17	2,900	42	<10	76	<10	--	--	---
	2/17/1994	--		36.8	5.00	30.00	11.53	25.27	3,100	160	<10	36	8.6	--	--	---
	5/3/1994	--		36.8	5.00	30.00	11.36	25.44	2,300	44	<2.5	8	<2.5	--	--	---
	8/17/1994	--		36.87	5.00	30.00	12.38	24.49	1,900	7	<9.5	4.4	<5	--	--	---
	11/18/1994	--		36.87	5.00	30.00	11.93	24.94	909	1.1	<0.5	0.9	4	--	--	---
	9/26/1995	--		36.8	5.00	30.00	10.96	25.84	410	1.3	1.9	2.3	3.3	--	--	---
	12/6/1995	--		36.8	5.00	30.00	11.56	25.24	--	0.9	4.6	3	4.3	--	--	---
	2/14/1996	--		36.8	5.00	30.00	7.47	29.33	99	ND	0.49	0.46	ND	--	--	---
	10/29/1996	--		36.8	5.00	30.00	9.80	27.00	250	0.7	0.6	ND	ND	--	--	---
	1/29/1997	--		36.8	5.00	30.00	7.50	29.30	170	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/30/1997	--		36.8	5.00	30.00	12.10	24.70	<20	<0.3	<0.3	<0.3	<0.5	<50	--	---
	7/31/1997	--		36.8	5.00	30.00	9.90	26.90	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	10/22/1997	--		36.8	5.00	30.00	12.10	24.70	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	1/28/1998	--		36.8	5.00	30.00	7.50	29.30	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---

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Groundwater Elevation and Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, 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	4/22/1998	--		36.8	5.00	30.00	12.30	24.50	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	7/8/1998	--		36.8	5.00	30.00	8.30	28.50	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	10/22/1998	--		36.8	5.00	30.00	9.10	27.70	<50	<0.3	<0.3	<0.3	<0.5	<5	--	---
	1/13/1999	--		36.8	5.00	30.00	9.50	27.30	<50	<0.3	<0.3	<0.3	<0.5	<20	--	---
	4/29/1999	--		36.8	5.00	30.00	5.93	30.87	<50	<0.3	0.35	<0.3	<0.5	<5	--	---
	1/15/2002	--		36.8	5.00	30.00	---	---	<50	<0.5	<0.5	<0.5	<0.5	7.9	--	---
	4/24/2002	--	j	36.8	5.00	30.00	---	---	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	---
	9/23/2002	P		36.8	5.00	30.00	10.30	26.50	<50.0	<0.500	<0.500	<0.500	<1.50	<0.500	1.0	6.9
	12/9/2002	P		36.8	5.00	30.00	10.38	26.42	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	1.7	6.7
	2/11/2003	P	e	36.8	5.00	30.00	8.85	27.95	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	6.7
	6/27/2003	--		36.8	5.00	30.00	9.12	27.68	<50	<0.50	<0.50	<0.50	<0.50	0.61	0.9	6.8
	9/4/2003	--		36.8	5.00	30.00	9.85	27.05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	6.9
	11/17/2003	--	h, n	36.63	5.00	30.00	9.93	26.70	--	--	--	--	--	--	--	--
	03/01/2004	--	i, n	38.72	5.00	30.00	7.95	30.77	--	--	--	--	--	--	--	--
	06/02/2004	--	n	38.72	5.00	30.00	9.25	29.47	--	--	--	--	--	--	--	--
	09/16/2004	P		38.72	5.00	30.00	9.95	28.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.4	6.8
	12/07/2004	--	n	38.72	5.00	30.00	9.90	28.82	--	--	--	--	--	--	--	--
	03/02/2005	--	n	38.72	5.00	30.00	7.86	30.86	--	--	--	--	--	--	--	--
	06/20/2005	--	n	38.72	5.00	30.00	8.38	30.34	--	--	--	--	--	--	--	--
	09/06/2005	P		38.72	5.00	30.00	9.25	29.47	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.3	6.8
	03/07/2006	--		38.72	5.00	30.00	7.86	30.86	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #5387
20200 Hesperian Blvd., Hayward, CA

SYMBOLS AND ABBREVIATIONS:

--/-- = Not analyzed/applicable/measured/available
< = Not detected at or above specified laboratory reporting limit
ND = Not detected at or above laboratory reporting limit
DO = Dissolved oxygen
DTW = Depth to water in ft bgs
ft bgs = Feet below ground surface
ft MSL = Feet above mean sea level
GRO = Gasoline range organics
GWE = Groundwater elevation in ft MSL
mg/L = Milligrams per liter
MTBE = Methyl tert-butyl ether
NP/P = Well not purged/purged prior to sampling
TOC = Top of casing in ft MSL
TPH-g = Total petroleum hydrocarbons as gasoline
µg/L = Micrograms per liter

FOOTNOTES:

a = Well inaccessible.
b = The analyte concentration may be artificially elevated due to coeluting compounds or components.
c = The closing calibration was outside acceptance limits by 2%. This should be considered in evaluating the results. The average % difference for all analytes met the 15% requirement and the QC suggests that the calibration linearity is not a factor.
d = Estimated value. The reported value exceeds the calibration range of the analysis.
e = TPH-g, benzene, toluene, ethylbenzene, total xylenes, and MTBE analyzed by EPA method 8260B beginning first quarter monitoring event (2/11/03).
f = Unable to gauge because the bolt was warped on the well head.
h = Well MW-3 TOC was lowered by 0.17 ft during repairs on 11/14/03.
i = Well surveyed to NAVD'88 datum on 2/23/04.
j = Analyzed by EPA Method 8260B.
k = Obstruction in well removed.
l = Analytical results as measured by EPA Methods 8020 / 8260.
m = Well sampled semi-annually (1st and 3rd quarters).
n = Well sampled annually (3rd quarter).
o = Well dry.
p = No purge protocol well. Well was purged and sampled in error.

NOTES:

The data in this table prior to September 2002 was provided to URS by RM and its previous consultants. URS has not verified the accuracy of this data.

Data for DO and pH were obtained through field measurements.

MTBE analyzed by EPA Method 8021B unless otherwise noted (prior to 2/11/03) and TPH-g by EPA Method 8015B Modified (prior to 2/11/03).

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

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

Top and bottom of screen depths for the following wells were derived from cross-sections since the well logs were not available: A-4, A-5, A-7, A-8, A-9, and AR-1.

Table 2

Fuel Additives Analytical Data

ARCO Service Station #5387

20200 Hesperian Blvd., Hayward, 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
A-4	2/11/2003	<100	<20	0.53	<0.50	<0.50	<0.50	--	--	
	6/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/4/2003	--	--	<0.50	--	--	--	--	--	
	03/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
	09/16/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
A-5	2/11/2003	<100	<20	0.97	<0.50	<0.50	<0.50	--	--	
	6/27/2003	<100	<20	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/4/2003	<100	<20	0.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/01/2004	<100	<20	0.77	<0.50	<0.50	<0.50	<0.50	<0.50	a
	09/16/2004	<100	<20	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/06/2005	<150	<10	0.61	<0.50	<0.50	<0.50	<0.50	<0.50	
A-6	2/11/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	6/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/4/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/16/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
A-7	2/11/2003	<100	<20	21	<0.50	6.5	<0.50	--	--	
	6/27/2003	<100	<20	9.4	<0.50	<0.50	2.1	<0.50	<0.50	
	9/4/2003	<100	<20	3.4	<0.50	<0.50	0.86	<0.50	<0.50	
	11/17/2003	<100	<20	1.4	<0.50	<0.50	<0.50	--	--	b
	03/01/2004	<100	<20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	a
	06/02/2004	<100	<20	0.92	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/16/2004	<100	<20	1.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/07/2004	<100	<20	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/02/2005	<100	<20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/20/2005	<100	<20	6.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
A-8	2/11/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	6/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #5387
20200 Hesperian Blvd., Hayward, 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
A-8	9/4/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/01/2004	<100	<20	0.76	<0.50	<0.50	<0.50	<0.50	<0.50	a
	09/16/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
A-9	2/11/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	6/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/4/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/01/2004	<100	<20	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
	09/16/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
A-10	2/11/2003	<100	<20	1.9	<0.50	<0.50	<0.50	---	---	
	6/27/2003	<100	<20	0.99	<0.50	<0.50	<0.50	<0.50	<0.50	a
	9/4/2003	<100	<20	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/16/2004	<100	<20	0.84	<0.50	<0.50	<0.50	<0.50	<0.50	
AR-1	2/11/2003	<100	<20	4.7	<0.50	<0.50	<0.50	--	--	
	6/27/2003	<100	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	a
	9/4/2003	--	--	--	--	--	--	--	--	
	11/17/2003	<100	<20	1.4	<0.50	<0.50	<0.50	--	--	b
	03/01/2004	<100	<20	8.6	<0.50	<0.50	<0.50	<0.50	<0.50	a
	06/02/2004	<100	<20	3.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/16/2004	<100	<20	3.2	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/07/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/02/2005	<100	<20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/20/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50		
AR-2	2/11/2003	<100	<20	0.75	<0.50	<0.50	<0.50	--	--	
	6/27/2003	<100	<20	6	<0.50	<0.50	2.6	<0.50	<0.50	a
	9/4/2003	--	--	--	--	--	--	--	--	
	11/17/2003	<100	<20	0.86	<0.50	<0.50	<0.50	--	--	b
	03/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
	06/02/2004	<100	<20	4.3	<0.50	<0.50	2.2	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data
 ARCO Service Station #5387
 20200 Hesperian Blvd., Hayward, 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
AR-2	09/16/2004	<100	<20	1.5	<0.50	<0.50	0.79	<0.50	<0.50	
	12/07/2004	<100	<20	1.2	<0.50	<0.50	0.57	<0.50	<0.50	
	03/02/2005	<100	<20	1.5	<0.50	<0.50	0.66	<0.50	<0.50	
	06/20/2005	<100	<20	0.97	<0.50	<0.50	0.53	<0.50	<0.50	
	09/06/2005	<150	<10	0.79	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-1	2/11/2003	<100	<20	76	<0.50	<0.50	<0.50	--	--	
	6/27/2003	<1,000	<200	170	<0.50	<5.0	<5.0	<5.0	<5.0	
	9/4/2003	--	--	--	--	--	--	--	--	
	11/17/2003	<100	<20	140	<0.50	<0.50	1.7	--	--	b
	03/01/2004	<100	<20	14	<0.50	<0.50	<0.50	<0.50	<0.50	a
	06/02/2004	<500	<100	250	<2.5	<2.5	<2.5	<2.5	<2.5	
	09/16/2004	<500	<100	170	<2.5	<2.5	<2.5	<2.5	<2.5	
	12/07/2004	<500	<100	180	<2.5	<2.5	<2.5	<2.5	<2.5	
	03/02/2005	<100	66	24	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/20/2005	<100	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/06/2005	<150	21	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/07/2006	<300	<20	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-2	2/11/2003	<100	<20	71	<0.50	<0.50	13	--	--	
	6/27/2003	<100	<20	45	<0.50	<0.50	5.4	<0.50	<0.50	
	9/4/2003	<100	<20	28	<0.50	<0.50	3.8	<0.50	<0.50	
	11/17/2003	<100	30	50	<0.50	<0.50	6.2	--	--	b
	03/01/2004	<100	49	36	<0.50	<0.50	6.2	<0.50	<0.50	a
	06/02/2004	<100	<20	9.2	<0.50	<0.50	1.7	<0.50	<0.50	
	09/16/2004	<100	<20	4.0	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/07/2004	<1,000	<200	10	<5.0	<5.0	<5.0	<5.0	<5.0	
	03/02/2005	<100	75	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/20/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/06/2005	<150	<10	2.5	<0.50	<0.50	1.1	<0.50	<0.50	
	03/07/2006	<300	<20	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-3	2/11/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	6/27/2003	<100	<20	0.61	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/4/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #5387

20200 Hesperian Blvd., Hayward, 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-3	09/16/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #5387
20200 Hesperian Blvd., Hayward, CA

SYMBOLS AND ABBREVIATIONS:

-- = Data not available, analyzed, applicable, or sampled
< = Not detected at or above specified laboratory reporting limit
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 by 11.7% low. However, it was within method acceptance limits. The data should be useful for its intended purpose.
b = The result was reported with a possible low bias due to continuing calibration verification falling outside the acceptance criteria.

NOTES:

All fuel oxygenate compounds analyzed using EPA Method 8260B.

Table 3

Groundwater Gradient Data
ARCO Service Station #5387
20200 Hesperian Blvd., Hayward, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
4/24/2002	-	-
9/23/2002	West	0.004
12/9/2002	West	0.003
2/11/2003	West	0.007
6/27/2003	West	0.005
9/4/2003	West	0.005
11/17/2003	West	0.003
3/1/2004	West	0.008
6/2/2004	West	0.005
9/16/2004	Southwest to West	0.004
12/7/2004	West	0.006
3/2/2005	West	0.01
6/20/2005	West	0.006
9/6/2005	West	0.006
3/7/2006	West-Northwest	0.008

ATTACHMENT A

FIELD PROCEDURES AND FIELD DATA SHEETS

FIELD PROCEDURES

Sampling Procedures

The sampling procedure for each well consists Second 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 # 060307-571

Date: 03/07/06

Client 5387

Site 20200 Hesperian Blvd Hayward

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC
MW-1	2					8.69	28.42	↓ S ₁₁ S ₁₂ 1 2 3 4 5 6 7 8 9 60 8 60 10
MW-2	2					10.04	27.90	
MW-3	2					7.86	28.01 7.86	
MW-4 A-4	3					10.78	34.66	
A-5	3					10.43	29.56	
A-6	3					10.39	34.43	
A-7	3					① 11.83	34.92	
A-8	2					8.33	33.49	
A-9	2					10.33	33.29	
A-10	2					10.42	33.22	
AL-1	6					9.04	33.94	
AL-2	6					9.92	35.21	
① under pressure, waited 5 minutes to stabilize								

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>060307-2D1</u>	Station # <u>5387</u>
Sampler: <u>2D</u>	Date: <u>03/07/06</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>28.42</u>	Depth to Water: <u>8.69</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH

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

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

Sampling Method: Bailer
Disposable Bailer
 Extraction Port
 Other: _____

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

<u>3.2</u>	x	<u>3</u>	=	<u>9.6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
1134	65.2	6.8	891	3.2	cloudy
1137	65.4	6.8	893	6.4	"
1140	65.4	6.8	944	9.6	silty

Did well dewater? Yes No Gallons actually evacuated: 9.6

Sampling Time: 1145 Sampling Date: 03/07/06

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

Analyzed for: (GRO) (BTEX) MTBE DRO (Xy's) 1,2-DCA (BDB) (Ethanol) Other: _____

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	<u>0.5</u> mg/L
	O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060307-SD /	Station # 5387
Sampler: SD	Date: 03/07/06
Well I.D.: MW-2	Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8
Total Well Depth: 27.90	Depth to Water: 10.04
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> Grade	D.O. Meter (if req'd): <input checked="" type="radio"/> YSI <input type="radio"/> HACH

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

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

<input checked="" type="radio"/> 2.829	x	3	=	8.7	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
1109	65.4	6.4	894	2.9	cloudy, gas odor
1112	65.0	6.7	896	5.8	" "
1115	65.9	6.8	907	8.7	" "

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Gallons actually evacuated: 8.7
Sampling Time: 1120	Sampling Date: 03/07/06
Sample I.D.: MW-2	Laboratory: Pace <input checked="" type="radio"/> Sequoia Other _____
Analyzed for: <input checked="" type="radio"/> GRO <input checked="" type="radio"/> PTEX <input type="radio"/> MTBE <input type="radio"/> DRO <input checked="" type="radio"/> Oxy <input checked="" type="radio"/> 1,2-DCA <input checked="" type="radio"/> EDB <input type="radio"/> Ethano Other: _____	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge 0.6 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 PLAINE 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:

5387

Station # _____

Station Address 20200 Hesperian Blvd Hayward

Total Gallons Collected From Groundwater Monitoring Wells:
19 gallons

added equip. _____ any other adjustments ✓
 rinse water 1 gallon

TOTAL GALS. RECOVERED 20 loaded onto _____
 BTS vehicle # _____

BTS event # _____ time _____ date _____
060307-SD 1 1200 03/07/06

signature [Signature]

REC'D AT _____ time _____ date _____
 _____ / /

unloaded by _____
 signature _____

ATTACHMENT B

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

LABORATORY PROCEDURES

Laboratory Procedures

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



31 March, 2006

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

RE: ARCO #5387, Hayward, CA
Work Order: MPC0370

Enclosed are the results of analyses for samples received by the laboratory on 03/07/06 17:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

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



URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project:ARCO #5387, Hayward, CA Project Number:G0C52-0013 Project Manager:Scott Robinson	MPC0370 Reported: 03/31/06 14:48
---	--	--

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MPC0370-01	Water	03/07/06 11:45	03/07/06 17:05
MW-2	MPC0370-02	Water	03/07/06 11:20	03/07/06 17:05
TB-5387-03072006	MPC0370-03	Water	03/07/06 00:00	03/07/06 17:05

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies. These samples were received with no custody seals.

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

Project: ARCO #5387, Hayward, CA
Project Number: G0C52-0013
Project Manager: Scott Robinson

MPC0370
Reported:
03/31/06 14:48

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

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
MW-1 (MPC0370-01) Water Sampled: 03/07/06 11:45 Received: 03/07/06 17:05										
tert-Amyl methyl ether	ND	0.50		ug/l	1	6C21010	03/21/06	03/21/06	EPA 8260B	
Benzene	ND	0.50		"	"	"	"	"	"	
tert-Butyl alcohol	ND	20		"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50		"	"	"	"	"	"	
Ethanol	ND	300		"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	ND	0.50		"	"	"	"	"	"	
Methyl tert-butyl ether	4.7	0.50		"	"	"	"	"	"	
Toluene	ND	0.50		"	"	"	"	"	"	
Xylenes (total)	ND	0.50		"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50		"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>87 %</i>		<i>60-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>106 %</i>		<i>70-120</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>103 %</i>		<i>65-130</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>100 %</i>		<i>70-120</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
MW-2 (MPC0370-02) Water Sampled: 03/07/06 11:20 Received: 03/07/06 17:05										
tert-Amyl methyl ether	ND	0.50		ug/l	1	6C21010	03/21/06	03/21/06	EPA 8260B	
Benzene	ND	0.50		"	"	"	"	"	"	
tert-Butyl alcohol	ND	20		"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50		"	"	"	"	"	"	
Ethanol	ND	300		"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	ND	0.50		"	"	"	"	"	"	
Methyl tert-butyl ether	1.3	0.50		"	"	"	"	"	"	
Toluene	ND	0.50		"	"	"	"	"	"	
Xylenes (total)	ND	0.50		"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	360	50		"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>123 %</i>		<i>60-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>111 %</i>		<i>70-120</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>106 %</i>		<i>65-130</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>113 %</i>		<i>70-120</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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

Project: ARCO #5387, Hayward, CA
Project Number: G0CS2-0013
Project Manager: Scott Robinson

MPC0370
Reported:
03/31/06 14:48

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6C21010 - EPA 5030B P/T / EPA 8260B

Blank (6C21010-BLK1)

Prepared & Analyzed: 03/21/06

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	300	"							
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>	<i>5.18</i>		<i>"</i>	<i>5.00</i>		<i>104</i>	<i>60-135</i>			
<i>Surrogate: Toluene-d8</i>	<i>5.30</i>		<i>"</i>	<i>5.00</i>		<i>106</i>	<i>70-120</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>4.93</i>		<i>"</i>	<i>5.00</i>		<i>99</i>	<i>65-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>4.97</i>		<i>"</i>	<i>5.00</i>		<i>99</i>	<i>70-120</i>			

Laboratory Control Sample (6C21010-BS1)

Prepared & Analyzed: 03/21/06

tert-Amyl methyl ether	15.7	0.50	ug/l	16.3		96	65-135			
Benzene	5.46	0.50	"	5.04		108	70-125			
tert-Butyl alcohol	161	20	"	169		95	60-135			
Di-isopropyl ether	16.7	0.50	"	16.2		103	70-130			
1,2-Dibromoethane (EDB)	16.9	0.50	"	16.6		102	85-125			
1,2-Dichloroethane	16.5	0.50	"	15.5		106	75-125			
Ethanol	154	300	"	165		93	15-150			
Ethyl tert-butyl ether	16.5	0.50	"	16.4		101	65-130			
Ethylbenzene	7.98	0.50	"	7.28		110	80-130			
Methyl tert-butyl ether	7.72	0.50	"	7.84		98	50-140			
Toluene	35.4	0.50	"	38.0		93	70-120			
Xylenes (total)	44.5	0.50	"	40.8		109	85-125			
Gasoline Range Organics (C4-C12)	426	50	"	440		97	75-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>5.09</i>		<i>"</i>	<i>5.00</i>		<i>102</i>	<i>60-135</i>			
<i>Surrogate: Toluene-d8</i>	<i>5.16</i>		<i>"</i>	<i>5.00</i>		<i>103</i>	<i>70-120</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>5.11</i>		<i>"</i>	<i>5.00</i>		<i>102</i>	<i>65-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>5.31</i>		<i>"</i>	<i>5.00</i>		<i>106</i>	<i>70-120</i>			

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 #5387, Hayward, CA
 Project Number: G0C52-0013
 Project Manager: Scott Robinson

 MPC0370
 Reported:
 03/31/06 14:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6C21010 - EPA 5030B P/T / EPA 8260B

Matrix Spike (6C21010-MS1)	Source: MPC0388-01			Prepared & Analyzed: 03/21/06						
tert-Amyl methyl ether	182	5.0	ug/l	163	5.3	108	65-135			
Benzene	62.2	5.0	"	50.4	ND	123	70-125			
tert-Butyl alcohol	5270	200	"	1690	3700	93	60-135			
Di-isopropyl ether	198	5.0	"	162	ND	122	70-130			
1,2-Dibromoethane (EDB)	181	5.0	"	166	ND	109	85-125			
1,2-Dichloroethane	192	5.0	"	155	ND	124	75-125			
Ethanol	1530	3000	"	1650	ND	93	15-150			
Ethyl tert-butyl ether	197	5.0	"	164	ND	120	65-130			
Ethylbenzene	76.8	5.0	"	72.8	ND	105	80-130			
Methyl tert-butyl ether	923	5.0	"	78.4	840	106	50-140			
Toluene	390	5.0	"	380	1.2	102	70-120			
Xylenes (total)	456	5.0	"	408	ND	112	85-125			
Gasoline Range Organics (C4-C12)	5760	500	"	4400	700	115	75-140			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.52		"	5.00		110	60-135			
<i>Surrogate: Toluene-d8</i>	5.24		"	5.00		105	70-120			
<i>Surrogate: Dibromofluoromethane</i>	5.14		"	5.00		103	65-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.04		"	5.00		101	70-120			

Matrix Spike Dup (6C21010-MSD1)	Source: MPC0388-01			Prepared & Analyzed: 03/21/06						
tert-Amyl methyl ether	176	5.0	ug/l	163	5.3	105	65-135	3	25	
Benzene	64.7	5.0	"	50.4	ND	128	70-125	4	15	LM
tert-Butyl alcohol	5450	200	"	1690	3700	104	60-135	3	35	
Di-isopropyl ether	195	5.0	"	162	ND	120	70-130	2	35	
1,2-Dibromoethane (EDB)	180	5.0	"	166	ND	108	85-125	0.6	15	
1,2-Dichloroethane	176	5.0	"	155	ND	114	75-125	9	10	
Ethanol	1730	3000	"	1650	ND	105	15-150	12	35	
Ethyl tert-butyl ether	189	5.0	"	164	ND	115	65-130	4	35	
Ethylbenzene	83.0	5.0	"	72.8	ND	114	80-130	8	15	
Methyl tert-butyl ether	858	5.0	"	78.4	840	23	50-140	7	25	BB, LN
Toluene	388	5.0	"	380	1.2	102	70-120	0.5	15	
Xylenes (total)	449	5.0	"	408	ND	110	85-125	2	15	
Gasoline Range Organics (C4-C12)	5670	500	"	4400	700	113	75-140	2	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	5.20		"	5.00		104	60-135			
<i>Surrogate: Toluene-d8</i>	5.42		"	5.00		108	70-120			
<i>Surrogate: Dibromofluoromethane</i>	5.04		"	5.00		101	65-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	5.21		"	5.00		104	70-120			

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 #5387, Hayward, CA
Project Number:G0C52-0013
Project Manager:Scott Robinson

MPC0370
Reported:
03/31/06 14:48

Notes and Definitions

LM MS and/or MSD above acceptance limits. See Blank Spike(LCS).
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

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
 REC. BY (PRINT) EB
 WORKORDER: MPC0370

DATE REC'D AT LAB: 3-7-04
 TIME REC'D AT LAB: 1705
 DATE LOGGED IN: 3/10/06

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

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

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

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

ATTACHMENT C
ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL
CONFIRMATIONS

Electronic Submittal Information

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SUCCESSFUL EDF CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	
<u>GLOBAL ID:</u>	T0600101368
<u>FILE UPLOADED:</u>	ARCO#5387-EDF- MPC0370.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 20200 HESPERIAN BLVD HAYWARD, CA 94541	<u>Regional Board - Case #: 01-1481</u> SAN FRANCISCO BAY RWQCB (REGION 2) - (RDB) <u>Local Agency (lead agency) - Case #: 817</u> ALAMEDA COUNTY LOP - (AG)
---	--

SAMPLE DETECTIONS REPORT

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

METHOD QA/QC REPORT

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

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

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

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

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Your EDF file has been successfully uploaded!

Confirmation Number: 7056281507
Date/Time of Submittal: 4/27/2006 1:09:29 PM
Facility Global ID: T0600101368
Facility Name: ARCO
Submittal Title: 1Q 2006 QMR BP/ARCO 5387 EDF
Submittal Type: GW Monitoring Report

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

ARCO 2020 HESPERIAN BLVD HAYWARD, CA 94541	Regional Board - Case #: 01-1481 SAN FRANCISCO BAY RWQCB (REGION 2) - (RDB) Local Agency (lead agency) - Case #: 817 ALAMEDA COUNTY LOP - (AG)
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CONF #	TITLE	QUARTER
7056281507	1Q 2006 QMR BP/ARCO 5387 EDF	Q1 2006
SUBMITTED BY	SUBMIT DATE	STATUS
Jeremy Quick	4/27/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

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

METHOD QA/QC REPORT

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

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	Y
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	N
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	Y

SOIL SAMPLES FOR 8021/8260 SERIES

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

BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%		n/a
FIELD QC SAMPLES		
<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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GOWELL

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SUCCESSFUL GEO_WELL CHECK - NO ERRORS

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<u>USER NAME:</u>	URSCORP-OAKLAND
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