R0174

Atlantic Richfield Company
(a BP affiliated company)

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

October 11, 2005

Re: Third Quarter 2005 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

URS

October 11, 2005

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

Re: Third Quarter 2005 Groundwater Monitoring Report
ARCO Service Station #5387
20200 Hesperian Boulevard
Hayward, California
ACEH Case No. 817

Dear Ms. Drogos:

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

On March 2, 2005, URS submitted a Soil Gas Investigation and requested closure for this site. We are waiting for a response from the regulator.

Sincerely,

URS CORPORATION

Scott Robinson, P.G.
Project Manager

PROFESSIONAL GEOLOGIST
SCOTT E. ROBINSON
No. 7829
STATE OF CALIFORNIA

Enclosure: Third Quarter 2005 Groundwater Monitoring Report

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

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

REPORT

THIRD QUARTER 2005 GROUNDWATER MONITORING REPORT

ARCO SERVICE STATION #5387
20200 HESPERIAN BOULEVARD
HAYWARD, CALIFORNIA

Prepared for
RM

October 11, 2005

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

Date: October 11, 2005

Quarter: 3Q05

THIRD QUARTER 2005 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 / Scott Robinson
Primary Agency:			Alameda County Environmental Health (ACEH)
ACEH Case No.:			817

WORK PERFORMED THIS QUARTER (Third – 2005):

1. Prepared and submitted the Second Quarter 2005 Groundwater Monitoring Report.
2. Performed the third quarter groundwater monitoring event on September 6, 2005.

WORK PROPOSED FOR NEXT QUARTER (Fourth – 2005):

1. Prepared and submitted this Third Quarter 2005 Groundwater Monitoring Report.
2. Prepare and submit the Fourth Quarter 2005 Status Report.

SITE SUMMARY:

Current Phase of Project:	GW monitoring/sampling
Frequency of Groundwater Sampling:	PREVIOUS SCHEDULE: Quarterly: Wells MW-1, MW-2, AR-1, AR-2, and A-7 Semiannually (1st & 3rd quarter): Wells A-4, A-5, A-8, and A-9 Annually (3rd quarter): Wells MW-3, A-6, and A-10 CURRENT SCHEDULE (BEGINNING 4TH QUARTER 2005): Semiannually (1st & 3rd quarters): Wells MW-1 and MW-2 Annually (3rd quarter): A-7, AR-1, and AR-2
Frequency of Groundwater Monitoring:	Semiannually: All wells
Is Free Product (FP) Present On-Site:	No
Current Remediation Techniques:	None
Approximate Depth to Groundwater:	9.25 ft (MW-3) to 13.10 ft (A-7)
Groundwater Gradient (direction):	West
Groundwater Gradient (magnitude):	0.006 feet per foot

DISCUSSION:

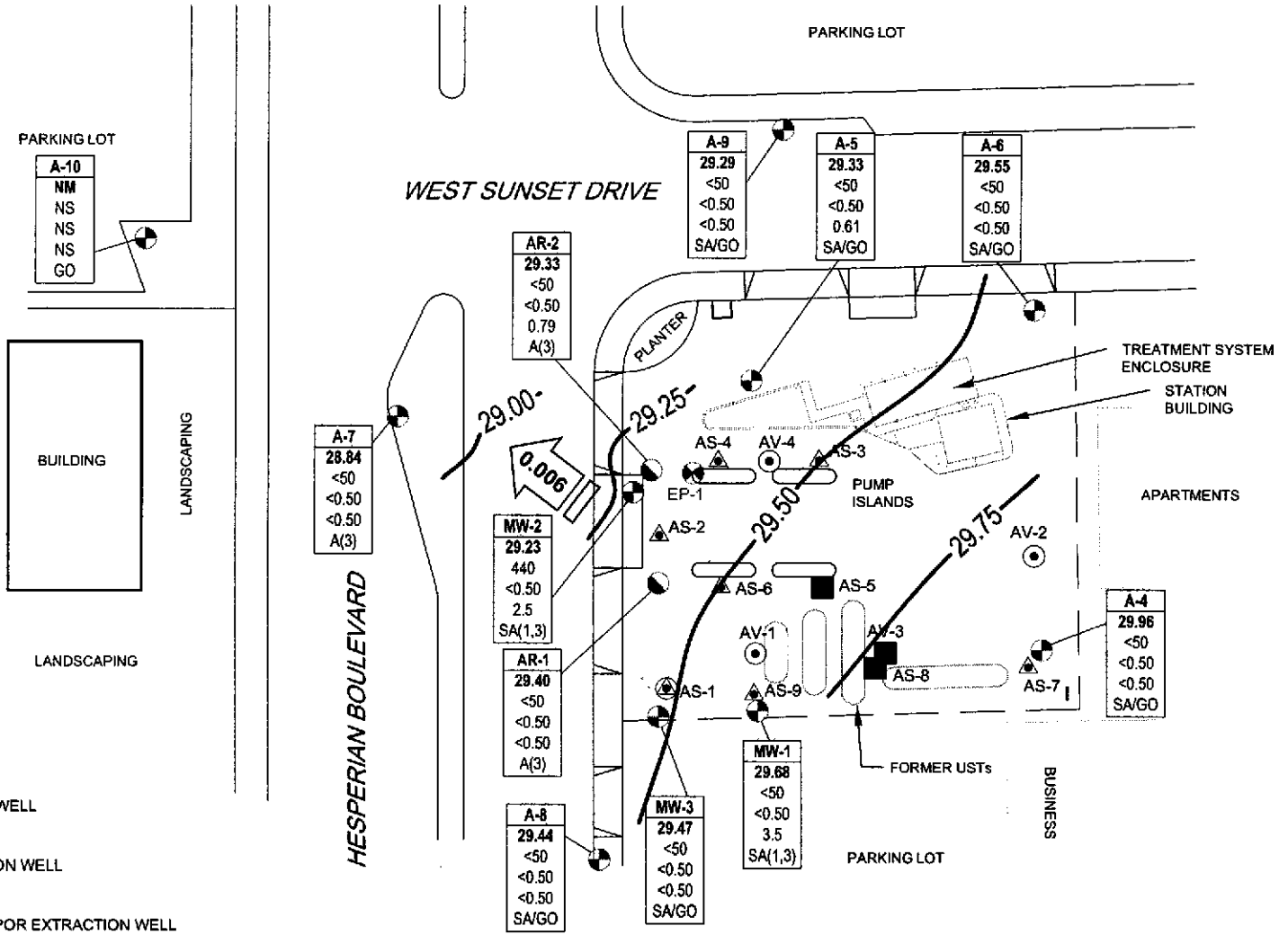
Methyl-tert-butyl ether (MTBE) was detected at or above the laboratory reporting limit in four of the five wells sampled this quarter at concentrations ranging from 0.61 micrograms per liter (µg/L) (A-5) to 3.5 µg/L (MW-1). Gasoline range organics (GRO) and tert-amyl methyl ether (TAME) were detected at or above their respective laboratory reporting limits in one well (MW-2) at concentrations of 440 µg/L and 1.1 µg/L, respectively. Tert-butyl alcohol (TBA) was detected at or above the laboratory reporting limit in one well at a concentration of

21 µg/L (MW-1). No other fuel components were detected at or above their respective laboratory reporting limits. Well A-10 was inaccessible for sampling due to landscaping and construction.

On March 2, 2005, URS submitted a Soil Gas Investigation and requested closure for this site. We are waiting for a response from the regulator.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – September 6, 2005.
- 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



LEGEND:

- ABANDONED MONITORING WELL
- MONITORING WELL
- GROUNDWATER EXTRACTION WELL
- AIR SPARGE WELL
- DUAL AIR SPARGE/SOIL VAPOR EXTRACTION WELL
- EXTRACTION POINT
- 30.00 APPOXIMATE GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MSL)
- 0.006 GROUNDWATER FLOW DIRECTION AND GRADIENT (FEET/FOOT)

Well — WELL DESIGNATION
ELEV — GROUNDWATER ELEVATION
GRO
Benzene
MTBE — GRO, BENZENE & MTBE CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L)
Q/SA/A — SAMPLING FREQUENCY

A(3) SAMPLED ANNUALLY 3rd QUARTER
GO GAUGED ONLY

< NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
NS NOT SAMPLED
Q SAMPLED QUARTERLY
SA(1,3) SAMPLED SEMI-ANNUALLY 1st & 3rd QUARTER

NOTE: SITE MAP ADAPTED FROM IT CORPORATION FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

NORTH

0 50 100

SCALE IN FEET

URS

Project No. 38487186

ARCO Service Station #5387
20200 Hesperian Boulevard
Hayward, California

GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP
Third Quarter 2005 (September 6, 2005)

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	1.20	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	0.70	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	0.90	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**	**0.10**	**6.7**
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

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-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	3.20	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	0.20	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	3.60	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**	**0.20**	**6.7**
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)	Ethyl-benzene (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	1.80	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**	**0.20**	**6.8**
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	3.50	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	3.50	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	1.30	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	0.70	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	0.80	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	3.10	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**	**0.10**	**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)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
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	3.60	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	0.10	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	3.60	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**	**0.30**	**6.7**
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	--	---
	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	3.10	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	4.20	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**	**--**	--	--	--	--	--	**3.70**	--
	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**
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	0.20	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**	--	--	--	--	--	--	--	--	--	--
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)	Ethyl-benzene (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	1.80	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	0.60	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	0.30	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	0.10	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	0.20	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	0.90	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**	**0.70**	**7.5**
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)	Ethyl-benzene (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	1.80	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	4.20	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	0.30	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	0.10	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	0.30	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	0.80	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**	**0.70**	**7.0**
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)	Ethyl-benzene (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	1.70	--
	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	2.10	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	0.40	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	0.50	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	1.80	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**	**0.10**	**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-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	--	l	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)	Ethyl-benzene (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	3.10	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	3.10	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	0.30	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	0.20	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	0.90	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	1.70	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**	**0.20**	**6.7**
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	--	---

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-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	0.40	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**	**0.30**	**6.8**

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 laboratory reporting limit.
DO = Dissolved oxygen.
DTW = Depth to water in feet bgs.
ft bgs = feet below ground surface.
ft msl = feet above mean sea level.
GRO = Gasoline Range Organics, range C4-C12.
GWE = Groundwater measured in feet msl.
mg/L = Milligrams per liter.
MTBE = Methyl tert butyl ether analyzed by EPA Method 8021B unless otherwise noted (prior to 2/11/03).
NP = Well not purged prior to sampling.
P = Well purged prior to sampling.
TOC = Top of casing measured in feet above msl.
TPH-g = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B Modified (prior to 2/11/03).
ug/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, BTEX, and MTBE analyzed by EPA method 8260 B 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 top of casing was lowered by 0.17 feet 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.

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	
	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
A-8	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	
	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-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	
	09/16/2004	<100	<20	1.5	<0.50	<0.50	0.79	<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	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**	
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**	
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	
	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 the 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
ug/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**

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 # 050906-551 Date 9/6/05 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					10.12	28.45		
MW-2	2					11.28	27.80		
MW-3	2					9.75	27.90		
A-4 Inaccessible	3					12.30	34.60		
A-5	3					11.67	29.45		
A-6	3					11.70	34.35 ~~34.35~~		
A-7	3					13.10	34.85		
A-8	2					9.85	33.45		
A-9	2					11.44	33.25		
A-10	2	WELL IS COVERED DUE TO LANDSCAPING				———	———		
AP-1	6					10.42	33.83		MP
AP-2	6					11.35	35.18		MP

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station # 5387
Sampler: SOOCH	Date: 9/6/05
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 28.45	Depth to Water: 10.12
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Purge Method: Bailer / (Disposable Bailer) / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: ____

Top of Screen: ____

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

2.9 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 8.7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1053	69.8	6.9	829	3	cloudy
1057	69.5	6.8	841	6	"
1101	69.4	6.8	852	9	"

Did well dewater? Yes (No) Gallons actually evacuated: 9

Sampling Time: 1105 Sampling Date: 9/6/05

Sample I.D.: MW-1 Laboratory: Pace (Sequoia) Other ____

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (2-DCA) (EDB) (Ethanol) Other:

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station #: 5367
Sampler: Scott	Date: 9/6/05
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 27.80	Depth to Water: 11.28
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Purge Method: Bailer / (Disposable Bailer) / Positive Air Displacement / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: ____

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

2.6 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 7.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1328	68.8	6.7	861	2.6	turbid, gas odor
1331	68.9	6.7	865	5.2	"
1334	68.8	6.7	860	8.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 8

Sampling Time: 1338 Sampling Date: 9/6/05

Sample I.D.: MW-2 Laboratory: Pace (Sequoia) Other ____

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (1,2-DCA) (EDB) (Ethanol) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.2	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station # 5367
Sampler: SOOOH	Date: 9/6/05
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 21.90	Depth to Water: 9.25
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

Sampling Method:
Bailer
(Disposable Bailer)
Extraction Port
Other: _____

Top of Screen: 6 Wks

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

3 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1017	70.0	6.8	754	3	turbid
1021	69.5	6.7	792	6	"
1025	69.4	6.8	789	9	"

Did well dewater? Yes (No) Gallons actually evacuated: 9

Sampling Time: 1028 Sampling Date: 9/6/05

Sample I.D.: MW-3 Laboratory: Pace (Sequoia) Other _____

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (2-DCA) (EDB) (Ethanol) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.3 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station # 5387
Sampler: SOOGL	Date: 9/6/05
Well I.D.: A-4	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 34.60	Depth to Water: 12.30
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: ____

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

8.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 24.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1230	67.4	6.8	855	8.3	turbid
1232	67.2	6.7	852	16.6	clearing
1234	67.3	6.7	856	25.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 25

Sampling Time: 1238 Sampling Date: 9/6/05

Sample I.D.: A-4 Laboratory: Pace (Sequoia) Other ____

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (2-DCA) (EDB) (Ethanol) Other:

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station # 5367
Sampler: SCOTT	Date: 9/6/05
Well I.D.: A-5	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 29.45	Depth to Water: 11.67
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / (Extraction Pump) / Other: ____

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: ____

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

6.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 19.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1304	68.4	6.9	856	6.6	cloudy
1305	68.3	6.7	863	13.2	clearing
1307	67.9	6.7	868	20.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 20

Sampling Time: 1310 Sampling Date: 9/6/05

Sample I.D.: A-5 Laboratory: Pace (Sequoia) Other ____

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (1,2-DCA) (EDB) (Ethanol) Other:

D.O. (if req'd):	Pre-purge:		mg/L	Post-purge:	0.2 mg/L
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station #: 5387
Sampler: SCOTT	Date: 9/6/05
Well I.D.: A-6	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 34.35	Depth to Water: 11.70
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: _____

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

8.4	x	3	=	25.2 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1155	66.6	7.6	795	8.5	cloudy
1157	66.0	6.9	811	17.0	turbid
1159	66.0	6.8	818	25.5	clearing
1201	65.9	6.8	819	34.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 34

Sampling Time: 1205 Sampling Date: 9/6/05

Sample I.D.: A-6 Laboratory: Pace (Sequoia) Other _____

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (2-DCA) (EDB) (Ethanol) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.2 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station # 5367
Sampler: Scott	Date: 9/6/05
Well I.D.: A-7	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 34.85	Depth to Water: 13.10
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / (Extraction Pump) / Other: ____

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: ____

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

8 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 24 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
924	69.4	6.8	955	8	turbid
926	69.1	6.7	954	16	clearing
928	69.0	6.7	951	24	"

Did well dewater? Yes (No) Gallons actually evacuated: 24

Sampling Time: 932 Sampling Date: 9/6/05

Sample I.D.: A-7 Laboratory: Pace (Sequoia) Other ____

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (2-DCA) (EDB) (Ethanol) Other:

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station # 5387
Sampler: SOOOH	Date: 9/6/05
Well I.D.: A-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 33.45	Depth to Water: 9.85
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Other: _____

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

3.8 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 11.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
952	69.5	6.8	853	3.8	cloudy
957	69.3	6.8	848	7.6	"
1002	69.1	6.7	831	11.5	clearing

Did well dewater? Yes (No) Gallons actually evacuated: 11.5

Sampling Time: 1007 Sampling Date: 9/6/05

Sample I.D.: A-8 Laboratory: Pace (Sequoia) Other _____

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (2-DCA) (EDB) (Ethanol) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.3 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station # 5367
Sampler: SCOTT	Date: 9/6/05
Well I.D.: A-9	Well Diameter: 2 3 4 6 8 ____
Total Well Depth: 33.25	Depth to Water: 11.44
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: _____

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

3.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 10.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
856	67.8	6.7	725	3.5	CLOUDY
901	67.9	6.6	716	7.0	"
906	67.6	6.6	717	10.5	CLEAR

Did well dewater? Yes (No) Gallons actually evacuated: 10.5

Sampling Time: 910 Sampling Date: 9/6/05

Sample I.D.: A-9 Laboratory: Pace (Sequoia) Other _____

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (1,2-DCA) (EDB) (Ethanol) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.6 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station # 5367
Sampler: SOOAH	Date: 9/6/05
Well I.D.: A-10	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: ———	Depth to Water: ———
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: _____

Top of Screen: _____

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
INACCESSIBLE. WELL IS COVERED DUE TO LANDSCAPING / CONSTRUCTION.					
ATTEMPTED TO ~~RECOVER~~ UNCOVER FOR 20 MIN. UNABLE					
TO FIND WELL. TREE BRANCHES.					

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station #: 5367
Sampler: SCOTT	Date: 9/6/05
Well I.D.: MW-1	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: 33.83	Depth to Water: 10.42
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

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

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: _____

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

NO PURGE (1 Case Volume (Gals.)) X 3 (Specified Volumes) = _____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
815	69.4	7.5	821	—	clear

Did well dewater? ~~Yes~~ ~~No~~ Gallons actually evacuated: —

Sampling Time: 815 Sampling Date: 9/6/05

Sample I.D.: MW-1 Laboratory: Pace (Sequoia) Other_____

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (2-DCA) (EDB) (Ethanol) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.7 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050906-SS1	Station # 5367
Sampler: SOOH	Date: 9/6/05
Well I.D.: MW-2	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: 35.18	Depth to Water: 11.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Purge Method: Bailer / ~~Disposable Bailer~~ / Positive Air Displacement / Electric Submersible / ~~Extraction Pump~~ / Other: ___

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: ___

Top of Screen: ___

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

no purge (1 Case Volume (Gals.)) X ~~3~~ (Specified Volumes) = ___ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
825	67.8	7.0	873	—	clear

Did well dewater? Yes ~~No~~ Gallons actually evacuated: —

Sampling Time: 825 Sampling Date: 9/6/05

Sample I.D.: MW-2 Laboratory: Pace (Sequoia) Other ___

Analyzed for: (GRO) (BTEX) MTBE DRO (Oxy's) (1,2-DCA) (EDB) (Ethanol) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.7 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:

5387

Station #

20200 Hesperian Blvd. Hayward

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

added equip. rinse water_____ any other adjustments_____

TOTAL GALS. RECOVERED 151 loaded onto BTS vehicle # 62

BTS event #	time	date
050906-551	1405	9/6/05

signature

* *

REC'D AT	time	date
BTS	1500	9/6/05

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.

Sequoia Analytical

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

21 September, 2005

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

RE: ARCO #5387, Hayward, CA
Work Order: MOI0257

Enclosed are the results of analyses for samples received by the laboratory on 09/07/05 16:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race For Jamshid Kekobad
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

1885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

URS Corporation [Arco]	Project:ARCO #5387, Hayward, CA	MOI0257
1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MOI0257-01	Water	09/06/05 11:05	09/07/05 16:15
MW-2	MOI0257-02	Water	09/06/05 13:38	09/07/05 16:15
MW-3	MOI0257-03	Water	09/06/05 10:28	09/07/05 16:15
A-4	MOI0257-04	Water	09/06/05 12:38	09/07/05 16:15
A-5	MOI0257-05	Water	09/06/05 13:10	09/07/05 16:15
A-6	MOI0257-06	Water	09/06/05 12:05	09/07/05 16:15
A-7	MOI0257-07	Water	09/06/05 09:32	09/07/05 16:15
A-8	MOI0257-08	Water	09/06/05 10:07	09/07/05 16:15
A-9	MOI0257-09	Water	09/06/05 09:10	09/07/05 16:15
AR-1	MOI0257-10	Water	09/06/05 08:15	09/07/05 16:15
AR-2	MOI0257-11	Water	09/06/05 08:25	09/07/05 16:15
TB090620055387	MOI0257-12	Water	09/06/05 00:00	09/07/05 16:15

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

These samples were received with no custody seals.

Sequoia Analytical

1885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

URS Corporation [Arco]	Project:ARCO #5387, Hayward, CA	MOI0257
1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOI0257-01) Water	**Sampled: 09/06/05 11:05**	**Received: 09/07/05 16:15**							
GRO (C4 - C12)	ND	50	ug/l	1	5I16111	09/16/05	09/17/05	EPA 8015B	
Surrogate: 4-BFB (FID)		*86 %*	*65-140*		"	"	"	"	
MW-2 (MOI0257-02) Water	**Sampled: 09/06/05 13:38**	**Received: 09/07/05 16:15**							
GRO (C4 - C12)	**440**	50	ug/l	1	5I19079	09/19/05	09/19/05	EPA 8015B	
Surrogate: 4-BFB (FID)		*108 %*	*65-140*		"	"	"	"	
MW-3 (MOI0257-03) Water	**Sampled: 09/06/05 10:28**	**Received: 09/07/05 16:15**							
GRO (C4 - C12)	ND	50	ug/l	1	5I16111	09/16/05	09/16/05	EPA 8015B	
Surrogate: 4-BFB (FID)		*94 %*	*65-140*		"	"	"	"	
A-4 (MOI0257-04) Water	**Sampled: 09/06/05 12:38**	**Received: 09/07/05 16:15**							
GRO (C4 - C12)	ND	50	ug/l	1	5I16111	09/16/05	09/17/05	EPA 8015B	
Surrogate: 4-BFB (FID)		*82 %*	*65-140*		"	"	"	"	
A-5 (MOI0257-05) Water	**Sampled: 09/06/05 13:10**	**Received: 09/07/05 16:15**							
GRO (C4 - C12)	ND	50	ug/l	1	5I16111	09/16/05	09/17/05	EPA 8015B	
Surrogate: 4-BFB (FID)		*82 %*	*65-140*		"	"	"	"	
A-6 (MOI0257-06) Water	**Sampled: 09/06/05 12:05**	**Received: 09/07/05 16:15**							
GRO (C4 - C12)	ND	50	ug/l	1	5I16111	09/16/05	09/17/05	EPA 8015B	
Surrogate: 4-BFB (FID)		*81 %*	*65-140*		"	"	"	"	
A-7 (MOI0257-07) Water	**Sampled: 09/06/05 09:32**	**Received: 09/07/05 16:15**							
GRO (C4 - C12)	ND	50	ug/l	1	5I17001	09/17/05	09/17/05	EPA 8015B	
Surrogate: 4-BFB (FID)		*95 %*	*65-140*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #5387, Hayward, CA	MOI0257
1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M)

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-8 (MOI0257-08) Water Sampled: 09/06/05 10:07 Received: 09/07/05 16:15									
GRO (C4 - C12)	ND	50	ug/l	1	5I17001	09/17/05	09/17/05	EPA 8015B	
Surrogate: 4-BFB (FID)		*97 %*	*65-140*		"	"	"	"	
A-9 (MOI0257-09) Water Sampled: 09/06/05 09:10 Received: 09/07/05 16:15									
GRO (C4 - C12)	ND	50	ug/l	1	5I19079	09/19/05	09/19/05	EPA 8015B	
Surrogate: 4-BFB (FID)		*90 %*	*65-140*		"	"	"	"	
AR-1 (MOI0257-10) Water Sampled: 09/06/05 08:15 Received: 09/07/05 16:15									
GRO (C4 - C12)	ND	50	ug/l	1	5I17001	09/17/05	09/17/05	EPA 8015B	
Surrogate: 4-BFB (FID)		*97 %*	*65-140*		"	"	"	"	
AR-2 (MOI0257-11) Water Sampled: 09/06/05 08:25 Received: 09/07/05 16:15									
GRO (C4 - C12)	ND	50	ug/l	1	5I17001	09/17/05	09/17/05	EPA 8015B	
Surrogate: 4-BFB (FID)		*96 %*	*65-140*		"	"	"	"	

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1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOI0257-01) Water Sampled: 09/06/05 11:05 Received: 09/07/05 16:15									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	5I16019	09/16/05	09/16/05 19:36	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes, Total	ND	1.5	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
tert-Butanol (TBA)	**21**	10	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	**3.5**	0.50	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*97 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*	*80-120*		"	"	"	"	
MW-2 (MOI0257-02) Water Sampled: 09/06/05 13:38 Received: 09/07/05 16:15									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	5I16019	09/16/05	09/16/05 20:34	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes, Total	ND	1.5	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	**2.5**	0.50	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	**1.1**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #5387, Hayward, CA	MOI0257
1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MOI0257-03) Water Sampled: 09/06/05 10:28 Received: 09/07/05 16:15									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	5I16019	09/16/05	09/16/05 18:09	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes, Total	ND	1.5	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	0.50	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*97 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*80-120*		"	"	"	"	
A-4 (MOI0257-04) Water Sampled: 09/06/05 12:38 Received: 09/07/05 16:15									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	5I16019	09/16/05	09/16/05 21:03	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes, Total	ND	1.5	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	0.50	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97 %*	*80-120*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #5387, Hayward, CA	MOI0257
1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-5 (MOI0257-05) Water Sampled: 09/06/05 13:10 Received: 09/07/05 16:15									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	5I16019	09/16/05	09/16/05 21:33	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes, Total	ND	1.5	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	**0.61**	0.50	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*80-120*		"	"	"	"	
A-6 (MOI0257-06) Water Sampled: 09/06/05 12:05 Received: 09/07/05 16:15									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	5I16019	09/16/05	09/16/05 22:02	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes, Total	ND	1.5	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	0.50	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98 %*	*80-120*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #5387, Hayward, CA	MOI0257
1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-7 (MOI0257-07) Water Sampled: 09/06/05 09:32 Received: 09/07/05 16:15									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	5I16019	09/16/05	09/16/05 22:31	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes, Total	ND	1.5	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	0.50	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*99 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*	*80-120*		"	"	"	"	
A-8 (MOI0257-08) Water Sampled: 09/06/05 10:07 Received: 09/07/05 16:15									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	5I16019	09/16/05	09/16/05 23:00	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes, Total	ND	1.5	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	0.50	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97 %*	*80-120*		"	"	"	"	

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1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-9 (MOI0257-09) Water Sampled: 09/06/05 09:10 Received: 09/07/05 16:15									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	5I16019	09/16/05	09/16/05 23:30	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes, Total	ND	1.5	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	0.50	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*80-120*		"	"	"	"	
AR-1 (MOI0257-10) Water Sampled: 09/06/05 08:15 Received: 09/07/05 16:15									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	5I16019	09/16/05	09/17/05 00:28	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes, Total	ND	1.5	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	ND	0.50	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*80-120*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #5387, Hayward, CA	MOI0257
1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AR-2 (MOI0257-11) Water Sampled: 09/06/05 08:25 Received: 09/07/05 16:15									
1,2-Dibromoethane (EDB)	ND	0.50	ug/l	1	5116019	09/16/05	09/17/05 00:58	EPA 8260B	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes, Total	ND	1.5	"	"	"	"	"	"	
Ethanol	ND	150	"	"	"	"	"	"	
tert-Butanol (TBA)	ND	10	"	"	"	"	"	"	
Di-isopropyl Ether (DIPE)	ND	0.50	"	"	"	"	"	"	
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"	"	"	"	"	"	
Methyl-tert-butyl Ether (MTBE)	**0.79**	0.50	"	"	"	"	"	"	
tert-Amyl Methyl Ether (TAME)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*80-120*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95 %*	*80-120*		"	"	"	"	

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1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M) - Quality Control

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5I16111 - EPA 5030B / EPA 8015B										
Blank (5I16111-BLK1)				Prepared & Analyzed: 09/16/05						
GRO (C4 - C12)	ND	50	ug/l							
Surrogate: 4-BFB (FID)	*8.81*		"	*10.0*		*88*	*65-140*			
Laboratory Control Sample (5I16111-BS1)				Prepared & Analyzed: 09/16/05						
GRO (C4 - C12)	622	50	ug/l	800		78	65-140			
Surrogate: 4-BFB (FID)	*27.0*		"	*30.0*		*90*	*65-140*			
Matrix Spike (5I16111-MS1)	**Source: MOI0257-03**			Prepared & Analyzed: 09/16/05						
GRO (C4 - C12)	219	50	ug/l	220	ND	100	60-145			
Surrogate: 4-BFB (FID)	*9.14*		"	*10.0*		*91*	*65-140*			
Matrix Spike Dup (5I16111-MSD1)	**Source: MOI0257-03**			Prepared & Analyzed: 09/16/05						
GRO (C4 - C12)	225	50	ug/l	220	ND	102	60-145	3	20	
Surrogate: 4-BFB (FID)	*9.92*		"	*10.0*		*99*	*65-140*			
Batch 5I17001 - EPA 5030B / EPA 8015B										
Blank (5I17001-BLK1)				Prepared & Analyzed: 09/17/05						
GRO (C4 - C12)	ND	50	ug/l							
Surrogate: 4-BFB (FID)	*8.00*		"	*10.0*		*80*	*65-140*			
Laboratory Control Sample (5I17001-BS1)				Prepared & Analyzed: 09/17/05						
GRO (C4 - C12)	722	50	ug/l	800		90	65-140			
Surrogate: 4-BFB (FID)	*25.8*		"	*30.0*		*86*	*65-140*			
Matrix Spike (5I17001-MS1)	**Source: IOI0626-04**			Prepared & Analyzed: 09/17/05						
GRO (C4 - C12)	183	50	ug/l	220	ND	83	60-145			
Surrogate: 4-BFB (FID)	*8.07*		"	*10.0*		*81*	*65-140*			

Sequoia Analytical

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

URS Corporation [Arco]	Project:ARCO #5387, Hayward, CA	MOI0257
1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE FUEL HYDROCARBONS (EPA 5030/8015M) - Quality Control

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5I17001 - EPA 5030B / EPA 8015B										
Matrix Spike Dup (5I17001-MSD1)	**Source: IOI0626-04**			Prepared & Analyzed: 09/17/05						
GRO (C4 - C12)	231	50	ug/l	220	ND	105	60-145	23	20	RA
Surrogate: 4-BFB (FID)	*9.90*		"	*10.0*		*99*	*65-140*			
Batch 5I19079 - EPA 5030B / EPA 8015B										
Blank (5I19079-BLK1)				Prepared & Analyzed: 09/19/05						
GRO (C4 - C12)	ND	50	ug/l							
Surrogate: 4-BFB (FID)	*9.15*		"	*10.0*		*92*	*65-140*			
Laboratory Control Sample (5I19079-BS1)				Prepared & Analyzed: 09/19/05						
GRO (C4 - C12)	751	50	ug/l	800		94	65-140			
Surrogate: 4-BFB (FID)	*31.5*		"	*30.0*		*105*	*65-140*			
Matrix Spike (5I19079-MS1)	**Source: IOI0538-15**			Prepared & Analyzed: 09/19/05						
GRO (C4 - C12)	227	50	ug/l	220	ND	103	60-145			
Surrogate: 4-BFB (FID)	*8.85*		"	*10.0*		*88*	*65-140*			
Matrix Spike Dup (5I19079-MSD1)	**Source: IOI0538-15**			Prepared & Analyzed: 09/19/05						
GRO (C4 - C12)	229	50	ug/l	220	ND	104	60-145	0.9	20	
Surrogate: 4-BFB (FID)	*9.60*		"	*10.0*		*96*	*65-140*			

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URS Corporation [Arco]	Project:ARCO #5387, Hayward, CA	MOI0257
1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B) - Quality Control

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5I16019 - EPA 5030B GCMS / EPA 8260B										
Blank (5I16019-BLK1)				Prepared & Analyzed: 09/16/05						
1,2-Dibromoethane (EDB)	ND	0.50	ug/l							
1,2-Dichloroethane	ND	0.50	"							
Benzene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes, Total	ND	1.5	"							
Ethanol	ND	150	"							
tert-Butanol (TBA)	ND	10	"							
Di-isopropyl Ether (DIPE)	ND	0.50	"							
Ethyl tert-Butyl Ether (ETBE)	ND	0.50	"							
Methyl-tert-butyl Ether (MTBE)	ND	0.50	"							
tert-Amyl Methyl Ether (TAME)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*23.9*		"	*25.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*25.1*		"	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		"	*25.0*		*97*	*80-120*			
Laboratory Control Sample (5I16019-BS1)				Prepared & Analyzed: 09/16/05						
1,2-Dibromoethane (EDB)	23.4	0.50	ug/l	25.0		94	70-125			
1,2-Dichloroethane	22.6	0.50	"	25.0		90	60-140			
Benzene	22.5	0.50	"	25.0		90	65-120			
Ethylbenzene	24.2	0.50	"	25.0		97	70-125			
Toluene	22.9	0.50	"	25.0		92	70-125			
Xylenes, Total	70.8	1.5	"	75.0		94	70-125			
Ethanol	231	150	"	250		92	35-160			
tert-Butanol (TBA)	117	10	"	125		94	65-135			
Di-isopropyl Ether (DIPE)	22.9	0.50	"	25.0		92	60-135			
Ethyl tert-Butyl Ether (ETBE)	22.8	0.50	"	25.0		91	60-135			
Methyl-tert-butyl Ether (MTBE)	22.5	0.50	"	25.0		90	55-140			
tert-Amyl Methyl Ether (TAME)	24.0	0.50	"	25.0		96	60-135			
Surrogate: Dibromofluoromethane	*23.7*		"	*25.0*		*95*	*80-120*			
Surrogate: Toluene-d8	*25.5*		"	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.2*		"	*25.0*		*97*	*80-120*			

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URS Corporation [Arco]	Project:ARCO #5387, Hayward, CA	MOI0257
1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B) - Quality Control

Del Mar Analytical, Irvine

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5I16019 - EPA 5030B GCMS / EPA 8260B										
Matrix Spike (5I16019-MS1)	**Source: MOI0257-03**			Prepared & Analyzed: 09/16/05						
1,2-Dibromoethane (EDB)	31.5	0.50	ug/l	25.0	ND	126	65-130			
1,2-Dichloroethane	27.6	0.50	"	25.0	ND	110	60-140			
Benzene	25.2	0.50	"	25.0	ND	101	60-125			
Ethylbenzene	26.6	0.50	"	25.0	ND	106	65-130			
Toluene	25.4	0.50	"	25.0	ND	102	65-125			
Xylenes, Total	77.1	1.5	"	75.0	ND	103	60-130			
Ethanol	169	150	"	250	ND	68	35-160			
tert-Butanol (TBA)	122	10	"	125	ND	98	60-145			
Di-isopropyl Ether (DIPE)	26.6	0.50	"	25.0	ND	106	60-140			
Ethyl tert-Butyl Ether (ETBE)	28.3	0.50	"	25.0	ND	113	55-135			
Methyl-tert-butyl Ether (MTBE)	31.4	0.50	"	25.0	ND	126	50-150			
tert-Amyl Methyl Ether (TAME)	31.2	0.50	"	25.0	ND	125	55-140			
Surrogate: Dibromofluoromethane	*24.4*		*"*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*25.4*		*"*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.6*		*"*	*25.0*		*98*	*80-120*			
Matrix Spike Dup (5I16019-MSD1)	**Source: MOI0257-03**			Prepared & Analyzed: 09/16/05						
1,2-Dibromoethane (EDB)	23.7	0.50	ug/l	25.0	ND	95	65-130	28	25	RA
1,2-Dichloroethane	23.0	0.50	"	25.0	ND	92	60-140	18	20	
Benzene	23.2	0.50	"	25.0	ND	93	60-125	8	20	
Ethylbenzene	25.2	0.50	"	25.0	ND	101	65-130	5	20	
Toluene	23.6	0.50	"	25.0	ND	94	65-125	7	20	
Xylenes, Total	73.3	1.5	"	75.0	ND	98	60-130	5	20	
Ethanol	280	150	"	250	ND	112	35-160	49	30	RA
tert-Butanol (TBA)	123	10	"	125	ND	98	60-145	0.8	25	
Di-isopropyl Ether (DIPE)	23.8	0.50	"	25.0	ND	95	60-140	11	25	
Ethyl tert-Butyl Ether (ETBE)	23.6	0.50	"	25.0	ND	94	55-135	18	25	
Methyl-tert-butyl Ether (MTBE)	22.6	0.50	"	25.0	ND	90	50-150	33	25	RA
tert-Amyl Methyl Ether (TAME)	24.2	0.50	"	25.0	ND	97	55-140	25	30	
Surrogate: Dibromofluoromethane	*23.6*		*"*	*25.0*		*94*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*"*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.4*		*"*	*25.0*		*98*	*80-120*			

Sequoia Analytical

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URS Corporation [Arco]	Project:ARCO #5387, Hayward, CA	MOI0257
1333 Broadway, Suite 800	Project Number:G0C52-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/21/05 18:57

Notes and Definitions

RA	RPD exceeds limit due to matrix interf.; % recovs. within limits
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Chain of Custody Record

Project Name: Analytical for QMR sampling

BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 5387 > HistoricalBL

State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Fr

Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time:	745	Temp:	65°
Off-site Time:		Temp:	78°
Sky Conditions:	clear		
Meteorological Events:	—		
Wind Speed:	—	Direction:	—

Lab Name: Sequoia	BP/AR Facility No.: 5387	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 20200 Hesperian Blvd., Hayward, CA 9454	Address: 1333 Broadway, Suite 800
Morgan Hill, CA 95037	Site Lat/Long: 37.666474 / -122.117	Oakland, CA 94612
Lab PM: Lisa Race / Jamshid Kekobad	California Global ID No.: T0600101368	Consultant/Contractor Project No.: 38487036
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G0C52-0005	Consultant/Contractor PM: Scott Robinson
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.874.3280 / 510.874.3268
Address: P.O. Box 6549	Phase/WBS: 04 - Mon/Remed by Natural Attenuation	Report Type & QC Level: Level 1 with EDF
Moraga, CA 94570	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Donna_Cosper@urscorp.com
Tele/Fax: 925.299.8891 / 925.299.8872	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Company

Lab Bottle Order No: 5387

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO / BTEX (8260)	Requested Analysis: MTBE, TAME, ETBE DIPE, TBA (8260)	Requested Analysis: EDB, 1,2-DCA (8260)	Requested Analysis: Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-1	1105	9/6		X		01	3				X		X	X	X	X	MOE0257
2	MW-2	1338	"		"		02	3				"		X	X	X	X	
3	MW-3	1028	"		"		03	6				"		X	X	X	X	
4	A-4	1238	"		"		04	3				"		X	X	X	X	
5	A-5	1310	"		"		05	"				"		X	X	X	X	
6	A-6	1205	"		"		06	"				"		X	X	X	X	
7	A-7	932	"		"		07	"				"		X	X	X	X	
8	A-8	1007	"		"		08	"				"		X	X	X	X	
9	A-9	910	"		"		09	"				"		X	X	X	X	
10	AP-1	815	"		"		10	"				"		X	X	X	X	

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Suntern SUNG						
Sampler's Company: BFS		9/6/05	1509		9/6/05	1509
Shipment Date:		9/7/05	1012		9/7/05	1012
Shipment Method:		9/7/05	1615		9.7.05	1615
Shipment Tracking No:						

Special Instructions:

Custody Seals In Place Yes ✓ No ___ Temp Blank Yes X No ___ Cooler Temperature on Receipt 6.0 °F/C Trip Blank Yes X No

Chain of Custody Record

Project Name: Analytical for QMR sampling

BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 5387 > HistoricalBL

State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Fr

Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time: see pg 1	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: Sequoia	BP/AR Facility No.: 5387	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 20200 Hesperian Blvd., Hayward, CA 9454	Address: 1333 Broadway, Suite 800
Morgan Hill, CA 95037	Site Lat/Long: 37.666474 / -122.117	Oakland, CA 94612
Lab PM: Lisa Race / Jamshid Kekobad	California Global ID No.: T0600101368	Consultant/Contractor Project No.: 38487036
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G0C52-0005	Consultant/Contractor PM: Scott Robinson
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.874.3280 / 510.874.3268
Address: P.O. Box 6549	Phase/WBS: 04 - Mon/Remed by Natural Attenuation	Report Type & QC Level: Level 1 with EDF
Moraga, CA 94570	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Donna_Cosper@urscorp.com
Tele/Fax: 925.299.8891 / 925.299.8872	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Company

Lab Bottle Order No: 5387

MOI0257

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO / BTEX (8260)	Requested Analysis: MTBE, TAME, ETBE, DIPE, TBA (8260)	Requested Analysis: EDB, 1,2-DCA (8260)	Requested Analysis: Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-2	825	9/6		X		11	3				X		X	X	X	X	
2	TB0906200553877	—	"		X		12	2										on hold
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Sucetson Suarez		9/6/05	1509		9/6/05	1509
Sampler's Company: BTS		9/7/05	1012		9/7/05	1012
Shipment Date:		9/7/05	1615		9-7-05	1615
Shipment Method:						
Shipment Tracking No:						

Special Instructions:

Custody Seals In Place Yes X No Temp Blank Yes X No Cooler Temperature on Receipt 2 °F/C Trip Blank Yes X No

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP 5387
REC. BY (PRINT): E. Fallin
WORKORDER: 0510257

DATE REC'D AT LAB: 9.7.05
TIME REC'D AT LAB: 1415
DATE LOGGED IN: 9-10-05

For Regulatory Purposes?
DRINKING WATER YES / (NO)
WASTE WATER YES / (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)	01	A-C	MW-1	VOA(3)	HCl	—	~~SLUDGE~~ L	9.6.05	
	Intact / Broken*	02		MW-2	(3)					
2. Chain-of-Custody	(Present) / Absent*	03		MW-3	(6)					
3. Traffic Reports or		04		~~MW-4~~ A-4	VOA(3)					
Packing List:	Present / (Absent)	05		A-5						
4. Airbill:	Airbill / Sticker	06		A-6						
	Present / (Absent)	07		A-7						
5. Airbill #:	—	08		A-8						
6. Sample Labels:	(Present) / Absent	09		A-9						
7. Sample IDs:	(Listed) / Not Listed	10		AR-1						
	on Chain-of-Custody	11		AR-2						
8. Sample Condition:	(Intact) / Broken* /	12	A,B	TB090620055387	VOA(2)					
	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:	5.9 °C									
Corrected Temp:	5.9 °C									
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

9.7.05

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

ATTACHMENT C

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

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	9/30/2005 4:21:46 PM

Processing is complete. No errors were found!
You may now proceed to the upload page.

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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:	**3Q 2005 QMR GeoWell BP/ARCO 5387**
Submittal Date/Time:	**9/30/2005 4:22:15 PM**
Confirmation Number:	**8987792789**

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

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	9/30/2005 4:05:51 PM
GLOBAL ID:	T0600101368
FILE UPLOADED:	ARCO#5387-EDF-MOI0257.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

Regional Board - Case #: 01-1481
SAN FRANCISCO BAY RWQCB (REGION 2) - **(RDB)**
Local Agency (lead agency) - Case #: 817
ALAMEDA COUNTY LOP - **(AG)**

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	11
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	SW8015B,SW8260B
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%	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

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Electronic Submittal Information

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Confirmation Number: 8029155194
Date/Time of Submittal: 9/30/2005 4:07:17 PM
Facility Global ID: T0600101368
Facility Name: ARCO
Submittal Title: 3Q 2005 QMR EDF BP/ARCO 5387
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

ARCO 20200 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)**

CONF #	TITLE	QUARTER
8029155194	3Q 2005 QMR EDF BP/ARCO 5387	Q3 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	9/30/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	11
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	SW8015B,SW8260B
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%	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

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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