Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 1257
San Ramon, CA 94583
Phone: (925) 275-3801
Fax: (925) 275-3815

October 31, 2006

Re: Third Quarter, 2006 Semi-Annual Groundwater Monitoring Report
Former Atlantic Richfield Company Station #5387
20200 Hesperian Boulevard
Hayward, CA
ACEH Case No. RO0000174

"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 Manger

Third Quarter, 2006 Semi-Annual
Groundwater Monitoring Report
Former Atlantic Richfield Company Station #5387
20200 Hesperian Boulevard
Hayward, California

Prepared for

Mr. Paul Supple
Environmental Business Manager
Atlantic Richfield Company
P.O. Box 1257
San Ramon, California 94583

Prepared by

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

1324 Mangrove Avenue, Suite 212
Chico, California 95926
(530) 566-1400
www.broadbentinc.com

October, 2006

Project No. 06-02-628

Broadbent & Associates, Inc.
1324 Mangrove Ave., Suite 212
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BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL

October 31, 2006 Project No. 06-02-628

Atlantic Richfield Company
P.O. Box 1257
San Ramon, CA 94583
Submitted via ENFOS

Attn.: Mr. Paul Supple

Re: Third Quarter, 2006 Semi-Annual Groundwater Monitoring Report, Former Atlantic Richfield Company (a BP affiliated company) Station #5387, 20200 Hesperian Boulevard, Hayward, California. ACEH Case RO0000174.

Dear Mr. Supple:

Attached is the *Third Quarter, 2006 Semi-Annual Groundwater Monitoring Report* for Atlantic Richfield Company Station #5387 (herein referred to as Station #5387) located at 20200 Hesperian Boulevard, Hayward, California (Property). This report presents a summary of Third Quarter, 2006 ground-water monitoring results.

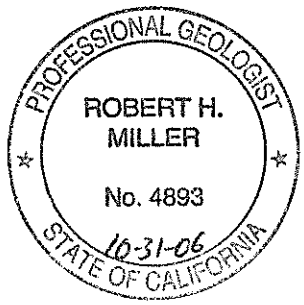
Should you have questions please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.

Matthew G. Herrick, P.G.
Project Hydrogeologist

Robert H. Miller, P.G., C.HG.
Principal Hydrogeologist



Enclosures

cc: Mr. Steven Plunkett, Alameda County Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA, 94502 (Submitted via ACEH ftp Site)
Mr. Chris Panaitescu, Thrifty Oil Co., 13116 Imperial Hwy, Santa Fe Springs, CA 90670
Mr. Jack Oman, Atlantic Richfield Company (Submitted via ENFOS)

STATION #5387 SEMI-ANNUAL GROUND-WATER MONITORING REPORT

Facility: #5387 Address:	20200 Hesperian Boulevard, Hayward, California
Station #5387 Environmental Business Manager:	Mr. Paul Supple
Consulting Co./Contact Persons:	Broadbent & Associates, Inc. (BAI)/Rob Miller & Matt Herrick
Primary Agency/Regulatory ID No.:	Alameda County Environmental Health (ACEH)/ACEH Case RO0000174
Consultant Project No.:	06-02-628
Facility Permits/Permitting Agency.:	NA

WORK PERFORMED THIS QUARTER (Third Quarter, 2006):

1. Submitted the Second Quarter, 2006 Status Report. Work completed by BAI.
2. Conducted ground-water monitoring/sampling for Third Quarter, 2006. Work completed by URS.

WORK PROPOSED FOR NEXT QUARTER (Fourth Quarter, 2006):

1. Submit Third Quarter, 2006 Semi-Annual Groundwater Monitoring Report (contained herein)
2. No environmental work is scheduled to be completed on the Property during the Fourth Quarter, 2006.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	**Monitoring**	(Assmnt., remed., etc.)
Frequency of ground-water sampling:	**A-7, AR-1, AR-2 = Annual (3Q) MW-1 and MW-2 = Semi-Annual (1Q and 3Q)**	(Quarterly, annually, etc.)
Frequency of ground-water monitoring:	**All wells = Semi-annual (1Q and 3Q)**	(Monthly, etc.)
Is free product (FP) present on-site:	**No**	(Yes\ no)
Current remediation techniques:	**NA**	(SVET,AS, FP removal, etc.)
Depth to ground water (below TOC):	**8.66 (MW-3) to 12.64 (A-7)**	(Measure feet below TOC)
General ground-water flow direction:	**West**	(North, northwest, etc.)
Approximate hydraulic gradient:	**0.007**	(Feet per foot)

DISCUSSION:

Gasoline range organics (GRO) were detected in MW-2 at 280 micrograms per liter (µg/L). Methyl tert-butyl ether (MTBE) was detected in MW-1, MW-2, and A-7 at 2.6 µg/L, 1.2 µg/L, and 0.80 µg/L, respectively. No other analytes were detected in ground-water samples collected during Third Quarter, 2006.

Drawing 1 depicts the ground-water elevation contour and an analytical summary map for the Third Quarter, 2006. Table 1 includes a summary of ground-water monitoring data including relative water elevations and laboratory analyses. Table 2 provides a summary of fuel additives analytical data. Table 3 lists historical ground-water flow direction and gradient data.

Case closure was requested in a Soil Gas Investigation Report submitted by URS on March 2, 2005. In recent correspondence (August 23, 2006 email), the ACEH expressed concerns in the data presented in the case closure request. Specifically, the ACEH was concerned with the elevated soil gas concentrations detected in deeper samples and the validity of the soil gas data based on

discrepancies in duplicate sample concentrations. The ACEH stated that re-sampling of the soil gas may be necessary at the site. In an August 31, 2006 email to the ACEH, BAI agreed with the ACEH findings. BAI recommended that re-sampling be completed to the west of the former UST and fuel dispensers as soil gas samples to the north and east of the former UST and fuel dispensers were all below site closure goals. Once a formal response is received from the ACEH regarding this recommendation we will move forward in re-sampling the necessary soil gas samples to move the site towards closure.

CLOSURE:

The findings presented in this report are based upon: observations of URS field personnel (see Appendix A), the points investigated, and results of laboratory tests performed by TestAmerica. Our services were performed in accordance with the generally accepted standard of practice at the time this report was written. No other warranty, expressed or implied was made. This report has been prepared for the exclusive use of Atlantic Richfield Company. It is possible that variations in soil or ground-water conditions could exist beyond points explored in this investigation. Also, changes in site conditions could occur in the future due to variations in rainfall, temperature, regional water usage, or other factors.

ATTACHMENTS:

Drawing 1. Ground-Water Elevation Contour and Analytical Summary Map, Station #5387, Hayward, CA

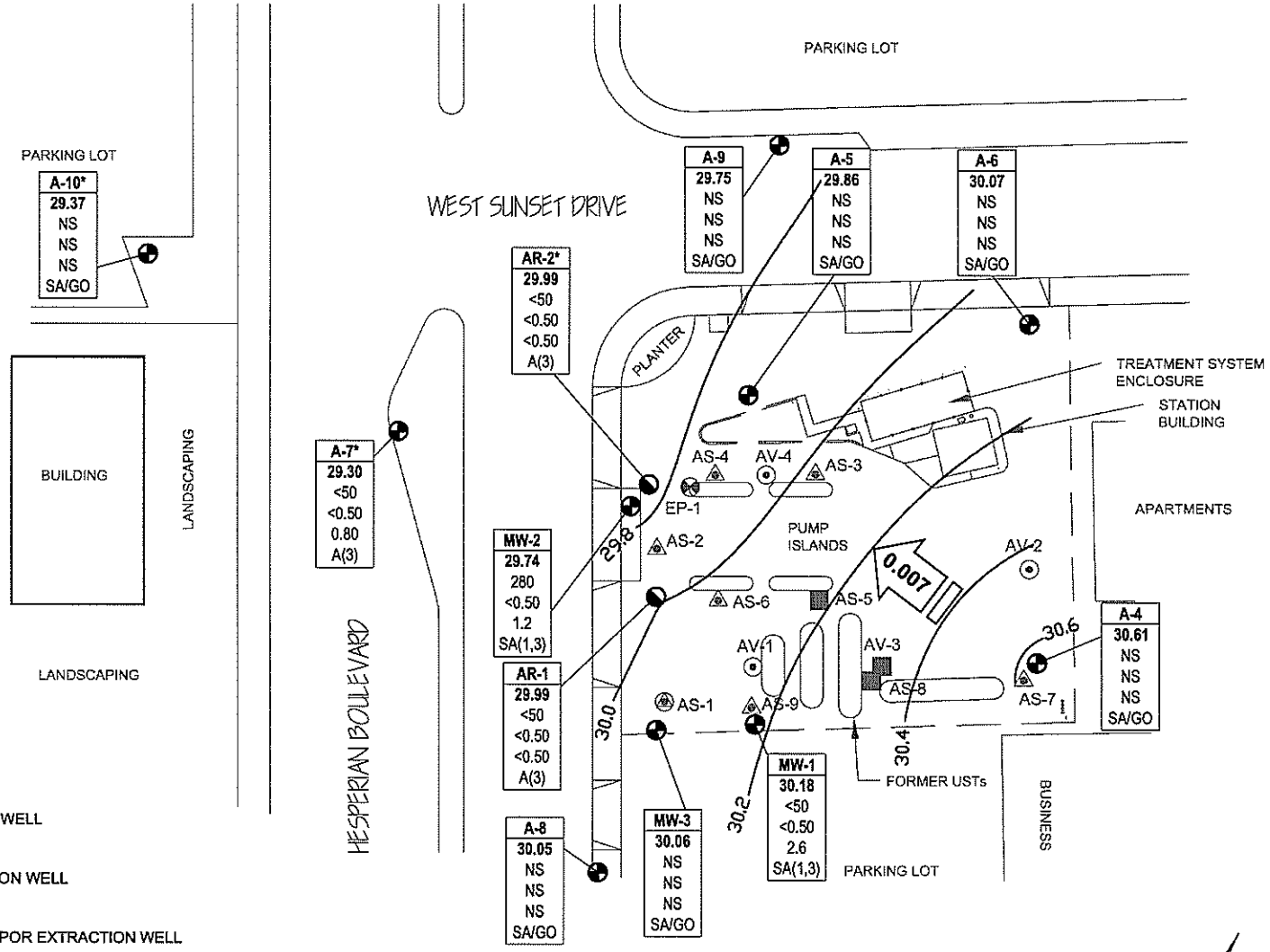
Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #5387, Hayward, CA

Table 2. Summary of Fuel Additives Analytical Data, Station #5387, Hayward, CA

Table 3. Historical Ground-Water Flow Direction and Gradient, Station #5387, Hayward, CA

Appendix A. URS Groundwater Sampling Data Package (Includes Laboratory Report and Chain of Custody Documentation, Field and Laboratory Procedures, and Field Data Sheets).

Appendix B. GeoTracker Upload Confirmation.



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)
- 0.007 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)
- SA/A — SAMPLING FREQUENCY

- * NOT USED IN CONTOURING
- 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.

0 50 100
SCALE (ft)

BROADBENT & ASSOCIATES, INC.
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
1324 Mangrove Ave. Suite 212, Chico, California, 95926
Project No.: 06-02-628 Date: 10/18/06

Former Station #5387
20200 Hesperian Boulevard
Hayward, California

Ground-Water Elevation Contour and Analytical Summary Map
September 7, 2006

Drawing
1

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-4															
3/6/1991	--		39.46	10.0	35.0	13.22	26.24	34,000	11,000	870	2,500	2,100	--	--	--
12/24/1991	--		39.86	10.0	35.0	17.6	22.26	1,900	29	1.9	25	29	--	--	--
3/10/1992	--		39.86	10.0	35.0	14.76	25.1	7,400	37	<0.60	11	73	--	--	--
6/9/1992	--		39.86	10.0	35.0	15.63	24.23	4,500	3.2	1.5	37	16	--	--	--
9/14/1992	--		39.86	10.0	35.0	16.83	23.03	1,300	<2.5	2.5	61	6.8	--	--	--
11/12/1992	--		39.86	10.0	35.0	16.97	22.89	610	7.2	0.98	34	0.97	--	--	--
2/11/1993	--		39.86	10.0	35.0	13.43	26.43	740	2.4	<0.5	5	3.5	--	--	--
4/14/1993	--		39.86	10.0	35.0	13.06	26.8	380	<0.5	<0.5	10	1.6	--	--	--
8/12/1993	--		39.86	10.0	35.0	14.94	24.92	1,200	0.93	<0.5	0.91	<0.5	--	--	--
10/26/1993	--		39.86	10.0	35.0	15.52	24.34	160	<0.5	<0.5	1	<0.5	--	--	--
2/17/1994	--		39.46	10.0	35.0	14.02	25.44	320	0.5	<0.5	28	0.9	--	--	--
5/3/1994	--		39.46	10.0	35.0	13.85	25.61	130	<0.5	<0.5	1.1	<0.5	--	--	--
8/17/1994	--		39.53	10.0	35.0	14.95	39.53	62	34.58	<0.5	<0.5	<0.5	--	--	--
11/18/1994	--		39.53	10.0	35.0	14.46	25.07	98	1.3	0.6	<0.5	<0.5	--	--	--
12/6/1995	--		39.53	10.0	35.0	13.82	25.71	ND	0.6	ND	ND	ND	--	--	--
2/14/1996	--		39.53	10.0	35.0	11.24	28.29	ND	ND	2.3	ND	0.71	--	--	--
10/29/1996	--		39.53	10.0	35.0	13.5	26.03	140	ND	ND	ND	ND	--	--	--
1/29/1997	--		39.53	10.0	35.0	12.65	26.88	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/30/1997	--		39.53	10.0	35.0	13.97	25.56	<20	<0.3	<0.3	<0.3	<0.5	<50	--	--
7/31/1997	--		39.53	10.0	35.0	12.7	26.83	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
10/22/1997	--		39.53	10.0	35.0	13.95	25.58	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
1/28/1998	--		39.53	10.0	35.0	11.9	27.63	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/22/1998	--		39.53	10.0	35.0	13.92	25.61	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
7/8/1998	--		39.53	10.0	35.0	10.8	28.73	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
10/22/1998	--		39.53	10.0	35.0	12.6	26.93	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/13/1999	--		39.53	10.0	35.0	12.6	26.93	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/29/1999	--		39.53	10.0	35.0	12.61	26.92	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/15/2002	--		39.53	10.0	35.0	--	--	<50	<0.5	<0.5	<0.5	<0.5	6.2	--	--
4/24/2002	--	j	39.53	10.0	35.0	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
09/23/2002	--	a	39.53	10.0	35.0	--	--	--	--	--	--	--	--	--	--
12/9/2002	P		39.53	10.0	35.0	13.36	26.17	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	2.4	6.6

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L) GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO (mg/L)	pH
A-4 Cont.															
2/11/2003	P	e	39.53	10.0	35.0	11.82	27.71	<50	<0.50	<0.50	<0.50	<0.50	0.53	1.8	6.6
6/27/2003	--		39.53	10.0	35.0	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	10.0	35.0	--	--	--	--	--	--	--	--	--	--
11/17/2003	--	m	39.53	10.0	35.0	15.09	24.44	--	--	--	--	--	--	--	--
03/01/2004	P	i	42.26	10.0	35.0	10.95	31.31	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.7
06/02/2004	--	m	42.26	10.0	35.0	12.34	29.92	--	--	--	--	--	--	--	--
09/16/2004	P		42.26	10.0	35.0	13.19	29.07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	6.7
12/07/2004	--	m	42.26	10.0	35.0	13.00	29.26	--	--	--	--	--	--	--	--
03/02/2005	P		42.26	10.0	35.0	10.66	31.60	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	6.7
06/20/2005	--	m	42.26	10.0	35.0	11.42	30.84	--	--	--	--	--	--	--	--
09/06/2005	P		42.26	10.0	35.0	12.30	29.96	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.1	6.7
03/07/2006	--		42.26	10.0	35.0	10.78	31.48	--	--	--	--	--	--	--	--
9/7/2006	--		**42.26**	**10.0**	**35.0**	**11.65**	**30.61**	--	--	--	--	--	--	--	--
A-5															
12/24/1991	--		38.94	10	30.00	16.85	22.09	1,600	21	<0.30	32	52	--	--	--
3/10/1992	--		38.94	10	30.00	13.83	25.11	1,000	1.6	<0.30	43	100	--	--	--
6/9/1992	--		38.94	10	30.00	14.91	24.03	680	34	<1.5	14	16	--	--	--
9/14/1992	--		38.94	10	30.00	16.14	22.8	770	12	<0.30	51	65	--	--	--
11/12/1992	--		38.94	10	30.00	16.35	22.59	520	3	<2.5	29	36	--	--	--
2/11/1993	--		38.94	10	30.00	13.21	25.73	150	1.6	0.96	5.1	1.5	--	--	--
4/14/1993	--		38.94	10	30.00	12.97	25.97	190	5.4	<0.5	1.5	0.97	--	--	--
8/12/1993	--		38.94	10	30.00	14.12	24.82	230	1.7	<0.5	5.3	0.94	--	--	--
10/26/1993	--		38.94	10	30.00	14.72	24.22	190	2.8	<0.5	5.5	2	--	--	--
2/17/1994	--		38.47	10	30.00	13.2	25.27	340	<0.5	<0.5	13	2.9	--	--	--
5/3/1994	--		38.47	10	30.00	13.08	25.39	170	1.4	<0.5	4	1.9	--	--	--
8/17/1994	--		38.54	10	30.00	14.18	24.36	270	0.6	<0.5	7.3	1.1	--	--	--
11/18/1994	--		38.54	10	30.00	13.73	24.81	338	--	<0.5	4.6	<0.5	--	--	--
9/26/1995	--		38.47	10	30.00	12.44	26.03	ND	0.63	1.1	ND	1.2	--	--	--
12/6/1995	--		38.47	10	30.00	12.92	25.55	ND	ND	ND	ND	ND	--	--	--
2/14/1996	--		38.47	10	30.00	10.76	27.71	ND	ND	2	ND	1.1	--	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-5 Cont.															
10/29/1996	--		38.47	10	30.00	12.35	26.12	ND	ND	ND	ND	ND	--	--	--
1/29/1997	--		38.47	10	30.00	10.85	27.62	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/30/1997	--		38.47	10	30.00	13.56	24.91	<20	<0.3	<0.3	<0.3	<0.5	<50	--	--
7/31/1997	--		38.47	10	30.00	11.8	26.67	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
10/22/1997	--		38.47	10	30.00	12.2	26.27	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
1/28/1998	--		38.47	10	30.00	10.12	28.35	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/22/1998	--		38.47	10	30.00	13.5	24.97	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
7/8/1998	--		38.47	10	30.00	10.2	28.27	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
10/22/1998	--		38.47	10	30.00	11.5	26.97	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/13/1999	--		38.47	10	30.00	10.15	28.32	<50	0.32	0.38	<0.3	<0.5	<20	--	--
4/29/1999	--		38.47	10	30.00	11.5	26.97	<50	<0.3	<0.3	<0.3	0.58	<5	--	--
1/15/2002	--		38.47	10	30.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	5	--	--
4/24/2002	--	j	38.47	10	30.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	1.2	--	--
9/23/2002	P		38.47	10	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	30.00	12.6	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	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	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	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	30.00	12.37	26.57	--	--	--	--	--	--	--	--
03/01/2004	P	i	41.00	10	30.00	10.90	30.10	<50	<0.50	<0.50	<0.50	<0.50	0.77	3.2	6.7
06/02/2004	--	m	41.00	10	30.00	11.70	29.30	--	--	--	--	--	--	--	--
09/16/2004	P		41.00	10	30.00	12.40	28.60	<50	<0.50	<0.50	<0.50	<0.50	0.50	0.2	6.8
12/07/2004	--	m	41.00	10	30.00	12.40	28.60	--	--	--	--	--	--	--	--
03/02/2005	P		41.00	10	30.00	10.54	30.46	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	6.6
06/20/2005	--	m	41.00	10	30.00	10.92	30.08	--	--	--	--	--	--	--	--
09/06/2005	P		41.00	10	30.00	11.67	29.33	<50	<0.50	<0.50	<0.50	<1.5	0.61	0.2	6.7
03/07/2006	--		41.00	10	30.00	10.43	30.57	--	--	--	--	--	--	--	--
9/7/2006	**--**		**41.00**	**10**	**30.00**	**11.14**	**29.86**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
A-6															
12/24/1991	--		39.07	5.0	30.0	16.88	22.19	<30	<0.3	<0.3	<0.3	<0.3	--	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-6 Cont.															
3/10/1992	--		39.07	5.0	30.0	13.73	25.34	<30	<0.3	<0.3	<0.3	<0.3	--	--	--
6/9/1992	--		39.07	5.0	30.0	14.95	24.12	<30	<0.3	<0.3	<0.3	<0.3	--	--	--
9/14/1992	--		39.07	5.0	30.0	16.2	22.87	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/12/1992	--		39.07	5.0	30.0	16.35	22.72	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
2/11/1993	--		39.07	5.0	30.0	13.04	26.03	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
4/14/1993	--		39.07	5.0	30.0	12.23	26.84	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
8/12/1993	--		39.07	5.0	30.0	14.18	24.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/26/1993	--		39.07	5.0	30.0	14.85	24.22	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
5/3/1994	--		39.07	5.0	30.0	13.66	25.41	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
8/17/1994	--		38.78	5.0	30.0	14.34	24.44	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/18/1994	--		38.78	5.0	30.0	13.76	25.02	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
9/26/1995	--		38.78	5.0	30.0	12.56	26.22	ND	ND	ND	ND	ND	--	--	--
12/6/1995	--		38.78	5.0	30.0	13.18	25.6	ND	ND	ND	ND	ND	--	--	--
2/14/1996	--		38.78	5.0	30.0	12.46	26.32	ND	ND	ND	ND	ND	--	--	--
10/29/1996	--		38.78	5.0	30.0	12.4	26.38	50	ND	ND	ND	ND	--	--	--
1/29/1997	--		38.78	5.0	30.0	13.85	24.93	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/30/1997	--		38.78	5.0	30.0	12.49	26.29	<20	<0.3	<0.3	<0.3	<0.5	<50	--	--
7/31/1997	--		38.78	5.0	30.0	12.1	26.68	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
10/22/1997	--		38.78	5.0	30.0	15.2	23.58	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
1/28/1998	--		38.78	5.0	30.0	13.8	24.98	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/22/1998	--		38.78	5.0	30.0	12.45	26.33	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
7/8/1998	--		38.78	5.0	30.0	10.3	28.48	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
10/22/1998	--		38.78	5.0	30.0	11.1	27.68	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/13/1999	--		38.78	5.0	30.0	10.4	28.38	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/29/1999	--		38.78	5.0	30.0	13.8	24.98	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/15/2002	--		38.78	5.0	30.0	--	--	<50	<0.5	<0.5	<0.5	<0.5	5.7	--	--
4/24/2002	--	j	38.78	5.0	30.0	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
9/23/2002	P		38.78	5.0	30.0	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	5.0	30.0	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	5.0	30.0	11.21	27.57	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	6.7
6/27/2003	--		38.78	5.0	30.0	11.6	27.18	<50	<0.50	<0.50	<0.50	<0.50	<0.50	5.0	6.9

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Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-6 Cont.															
9/4/2003	--		38.78	5.0	30.0	12.29	26.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.8	6.9
11/17/2003	--		38.78	5.0	30.0	12.44	26.34	--	--	--	--	--	--	--	--
03/01/2004	--	i, n	41.25	5.0	30.0	10.45	30.80	--	--	--	--	--	--	--	--
06/02/2004	--	n	41.25	5.0	30.0	11.75	29.50	--	--	--	--	--	--	--	--
09/16/2004	P		41.25	5.0	30.0	12.56	28.69	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	6.8
12/07/2004	--	n	41.25	5.0	30.0	12.35	28.90	--	--	--	--	--	--	--	--
03/02/2005	--	n	41.25	5.0	30.0	10.34	30.91	--	--	--	--	--	--	--	--
06/20/2005	--	n	41.25	5.0	30.0	10.90	30.35	--	--	--	--	--	--	--	--
09/06/2005	P		41.25	5.0	30.0	11.70	29.55	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.2	6.8
03/07/2006	--		41.25	5.0	30.0	10.39	30.86	--	--	--	--	--	--	--	--
9/7/2006	**--**		**41.25**	**5.0**	**30.0**	**11.18**	**30.07**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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	15.3	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	22.6	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	13.8	26.15	260	20	1	11	21	--	--	--
4/14/1993	--		39.95	10.00	35.00	13.6	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	--	--	--
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	15.4	24.05	350	2.2	<0.5	9.6	3.6	--	--	--
11/18/1994	--		39.45	10.00	35.00	14.95	24.5	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	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	13.1	26.28	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--

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Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L) GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO (mg/L)	pH
A-7 Cont.															
4/30/1997	--		39.38	10.00	35.00	11.7	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	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	11.2	28.18	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
10/22/1998	--		39.38	10.00	35.00	13.75	25.63	51	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/13/1999	--		39.38	10.00	35.00	14.45	24.93	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/29/1999	--		39.38	10.00	35.00	13.74	25.64	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/15/2002	--		39.38	10.00	35.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	4.8	--	--
4/24/2002	--	j	39.38	10.00	35.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	7.2	--	--
9/23/2002	P		39.38	10.00	35.00	13.78	25.60	<50.0	<0.500	<0.500	<0.500	<1.50	3.48	0.8	6.7
12/9/2002	P		39.38	10.00	35.00	13.97	25.41	<50.0	<0.500	<0.500	<0.500	<1.00	<5.00	2.2	6.8
2/11/2003	P	e	39.38	10.00	35.00	12.35	27.03	54	<0.50	<0.50	<0.50	<0.50	21	1.7	6.3
6/27/2003	--		39.38	10.00	35.00	12.95	26.43	<50	<0.50	<0.50	<0.50	<0.50	9.4	1.3	6.8
9/4/2003	--		39.38	10.00	35.00	13.59	25.79	<50	<0.50	<0.50	<0.50	<0.50	3.4	2.6	6.9
11/17/2003	P		39.38	10.00	35.00	13.84	25.54	<50	<0.50	<0.50	<0.50	<0.50	1.4	3.5	6.5
03/01/2004	P	i	41.94	10.00	35.00	12.65	29.29	<50	<0.50	<0.50	<0.50	<0.50	1.1	3.5	6.7
06/02/2004	P		41.94	10.00	35.00	13.08	28.86	<50	<0.50	<0.50	<0.50	<0.50	0.92	1.3	7.3
09/16/2004	P		41.94	10.00	35.00	13.89	28.05	<50	<0.50	<0.50	<0.50	<0.50	1.0	0.7	6.7
12/07/2004	P		41.94	10.00	35.00	13.77	28.17	<50	<0.50	<0.50	<0.50	<0.50	1.8	0.8	7.3
03/02/2005	P		41.94	10.00	35.00	12.35	29.59	<50	<0.50	<0.50	<0.50	<0.50	1.4	3.1	6.7
06/20/2005	P		41.94	10.00	35.00	12.30	29.64	<50	<0.50	<0.50	<0.50	<0.50	6.0	0.12	6.8
09/06/2005	P		41.94	10.00	35.00	13.10	28.84	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.1	6.7
03/07/2006	--		41.94	10.00	35.00	11.83	30.11	--	--	--	--	--	--	--	--
9/7/2006	**P**		**41.94**	**10.00**	**35.00**	**12.64**	**29.30**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**0.80**	**1.31**	**6.7**
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	--	--	--

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Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-8 Cont.															
4/14/1993	--		37.23	10.00	35.00	12.33	24.9	<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	24.5	<50	<0.5	1.7	<0.5	1.4	--	--	--
11/18/1994	--		36.84	10.00	35.00	11.9	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	8.8	27.96	<50	ND	0.48	ND	ND	--	--	--
10/29/1996	--		36.76	10.00	35.00	11.3	25.46	<50	ND	ND	ND	ND	--	--	--
1/29/1997	--		36.76	10.00	35.00	7.6	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	11.2	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	9.6	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	9.9	26.86	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	6.5
6/27/2003	--		36.76	10.00	35.00	9.73	27.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	6.8
9/4/2003	--		36.76	10.00	35.00	10.32	26.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	6.9
11/17/2003	--	m	36.76	10.00	35.00	10.55	26.21	--	--	--	--	--	--	--	--
03/01/2004	P	i	39.29	10.00	35.00	8.51	30.78	<50	<0.50	<0.50	<0.50	<0.50	0.76	3.6	6.8
06/02/2004	--	m	39.29	10.00	35.00	9.83	29.46	--	--	--	--	--	--	--	--

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								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
A-8 Cont.															
09/16/2004	P		39.29	10.00	35.00	10.75	28.54	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.1	6.7
12/07/2004	--	m	39.29	10.00	35.00	10.55	28.74	--	--	--	--	--	--	--	--
03/02/2005	P		39.29	10.00	35.00	8.35	30.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	6.8
06/20/2005	--	m	39.29	10.00	35.00	8.95	30.34	--	--	--	--	--	--	--	--
09/06/2005	P		39.29	10.00	35.00	9.85	29.44	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.3	6.7
03/07/2006	--		39.29	10.00	35.00	8.33	30.96	--	--	--	--	--	--	--	--
9/7/2006	**--**		**39.29**	**10.00**	**35.00**	**9.24**	**30.05**	--	--	--	--	--	--	--	--
A-9															
9/14/1992	--		38.71	10.0	35.0	16.12	22.59	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/12/1992	--		38.71	10.0	35.0	16.29	22.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
2/11/1993	--		38.71	10.0	35.0	12.31	26.4	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
4/14/1993	--		38.71	10.0	35.0	12.01	26.7	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
8/12/1993	--		38.71	10.0	35.0	13.9	24.81	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/26/1993	--		38.71	10.0	35.0	14.86	23.85	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
2/17/1994	--		38.19	10.0	35.0	12.99	25.2	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
8/17/1994	--		38.19	10.0	35.0	14.03	24.16	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/18/1994	--		37.24	10.0	35.0	13.44	23.8	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
9/26/1995	--		37.24	10.0	35.0	12.43	25.81	<50	<0.5	ND	ND	ND	--	--	--
12/6/1995	--		38.19	10.0	35.0	13.14	25.05	<50	<0.5	ND	ND	ND	--	--	--
2/14/1996	--		38.19	10.0	35.0	9.05	29.14	<50	ND	1.8	0.49	0.82	--	--	--
10/29/1996	--		38.19	10.0	35.0	12.85	25.34	<50	ND	ND	ND	ND	--	--	--
1/29/1997	--		38.19	10.0	35.0	9.02	29.17	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/30/1997	--		38.19	10.0	35.0	12.05	26.14	<50	<0.3	<0.3	<0.3	<0.5	<50	--	--
7/31/1997	--		38.19	10.0	35.0	12.18	26.01	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
10/22/1997	--		38.19	10.0	35.0	7.45	30.74	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
1/28/1998	--		38.19	10.0	35.0	21.25	16.94	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/22/1998	--		38.19	10.0	35.0	12.1	26.09	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
7/8/1998	--		38.19	10.0	35.0	10.4	27.79	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
10/22/1998	--		38.19	10.0	35.0	1.55	24.64	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/13/1999	--		38.19	10.0	35.0	12.05	26.14	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L) GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO (mg/L)	pH
A-9 Cont.															
4/29/1999	--		38.19	10.0	35.0	7.43	30.76	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/15/2002	--		38.19	10.0	35.0	--	--	<50	<0.5	<0.5	<0.5	<0.5	4.3	--	--
4/24/2002	--	j	38.19	10.0	35.0	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
9/23/2002	P		38.19	10.0	35.0	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	10.0	35.0	12.37	25.82	<50	<0.500	<0.500	<0.500	<1.00	<5.00	3.2	7.1
2/11/2003	P	e	38.19	10.0	35.0	10.97	27.22	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.0	6.7
6/27/2003	--		38.19	10.0	35.0	11.41	26.78	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	6.7
9/4/2003	--		38.19	10.0	35.0	12.00	26.19	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	6.9
11/17/2003	--		38.19	10.0	35.0	12.18	26.01	--	--	--	--	--	--	--	--
03/01/2004	P	i	40.73	10.0	35.0	10.30	30.43	<50	<0.50	<0.50	<0.50	<0.50	0.50	3.1	6.7
06/02/2004	--	m	40.73	10.0	35.0	11.50	29.23	--	--	--	--	--	--	--	--
09/16/2004	P		40.73	10.0	35.0	12.23	28.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	6.8
12/07/2004	--	m	40.73	10.0	35.0	12.20	28.53	--	--	--	--	--	--	--	--
03/02/2005	P		40.73	10.0	35.0	10.09	30.64	--	--	--	--	--	--	3.7	--
06/20/2005	--	m	40.73	10.0	35.0	10.75	29.98	--	--	--	--	--	--	--	--
09/06/2005	P		40.73	10.0	35.0	11.44	29.29	<50	<0.50	<0.50	<0.50	<1.5	<0.50	1.0	6.6
03/07/2006	--		40.73	10.0	35.0	10.33	30.40	--	--	--	--	--	--	--	--
9/7/2006	--		**40.73**	**10.0**	**35.0**	**10.98**	**29.75**	--	--	--	--	--	--	--	--
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	24.5	52	<0.5	<0.5	<0.5	<0.5	--	--	--
5/3/1994	--		38.66	10.00	35.00	14	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	--	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L) GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE	DO (mg/L)	pH
A-10 Cont.															
2/14/1996	--		38.66	10.00	35.00	6.7	31.96	ND	ND	ND	ND	ND	--	--	--
10/29/1996	--		38.66	10.00	35.00	14.1	24.56	ND	ND	ND	ND	1.1	--	--	--
1/29/1997	--		38.66	10.00	35.00	11.2	24.46	<50	0.41	4.8	0.6	4.4	37	--	--
4/30/1997	--		38.66	10.00	35.00	12.66	26	<20	0.4	4.2	0.5	3.8	50	--	--
7/31/1997	--		38.66	10.00	35.00	13.2	25.46	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/22/1998	--		38.66	10.00	35.00	12.6	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	9.6	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	--	--
4/24/2002	--		38.66	10.00	35.00	--	--	--	--	--	--	--	--	--	--
9/23/2002	--	o	38.66	10.00	35.00	--	--	--	--	--	--	--	--	--	--
12/19/2002	P	c	38.66	10.00	35.00	12.75	25.91	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
2/11/2003	P	e	38.66	10.00	35.00	12.21	26.45	<50	<0.50	<0.50	<0.50	<0.50	1.9	1.3	6.7
6/27/2003	--		38.66	10.00	35.00	12.66	26.00	<50	<0.50	<0.50	<0.50	<0.50	0.99	0.8	7.2
9/4/2003	--		38.66	10.00	35.00	13.31	25.35	<50	<0.50	<0.50	<0.50	<0.50	1.1	0.9	6.9
11/17/2003	--	n	38.66	10.00	35.00	13.27	25.39	--	--	--	--	--	--	--	--
03/01/2004	--	j, n	41.22	10.00	35.00	11.55	29.67	--	--	--	--	--	--	--	--
06/02/2004	--	n	41.22	10.00	35.00	12.61	28.61	--	--	--	--	--	--	--	--
09/16/2004	P	k	41.22	10.00	35.00	12.51	28.71	<50	<0.50	<0.50	<0.50	<0.50	0.84	0.2	6.8
12/07/2004	--	n	41.22	10.00	35.00	13.60	27.62	--	--	--	--	--	--	--	--
03/02/2005	--	n	41.22	10.00	35.00	11.46	29.76	--	--	--	--	--	--	--	--
06/20/2005	--	n	41.22	10.00	35.00	12.00	29.22	--	--	--	--	--	--	--	--
09/06/2005	--	a	41.22	10.00	35.00	--	--	--	--	--	--	--	--	--	--
03/07/2006	--		41.22	10.00	35.00	10.42	30.80	--	--	--	--	--	--	--	--
9/7/2006	--		**41.22**	**10.00**	**35.00**	**11.85**	**29.37**	--	--	--	--	--	--	--	--
AR-1															
9/14/1992	--		38.11	15.00	40.00	15.21	22.9	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	--	--	--

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
AR-1 Cont.															
2/11/1993	--		38.11	15.00	40.00	12.81	25.3	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	--	--
4/22/1998	--		37.46	15.00	40.00	12.20	25.26	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
7/8/1998	--		37.46	15.00	40.00	9.10	28.36	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
10/22/1998	--		37.46	15.00	40.00	9.80	27.66	270	2.1	<0.3	3.6	<0.5	190	--	--
1/13/1999	--		37.46	15.00	40.00	10.10	27.36	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/29/1999	--		37.46	15.00	40.00	11.35	26.11	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/15/2002	--		37.46	15.00	40.00	--	--	<50	<0.5	<0.5	<0.5	1.1	2.9	--	--
4/24/2002	--	j	37.46	15.00	40.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	2.6	--	--
9/23/2002	P		37.46	15.00	40.00	11.26	26.20	<50.0	<0.500	<0.500	<0.500	<1.50	20.2	1.6	6.9
12/9/2002	P		37.46	15.00	40.00	11.35	26.11	<50.0	<0.500	<0.500	<0.500	<1.00	26.6	1.8	6.9
2/11/2003	P	e	37.46	15.00	40.00	9.91	27.55	<50	<0.50	<0.50	<0.50	<0.50	4.7	1.2	6.7
6/27/2003	NP		37.46	15.00	40.00	10.30	27.16	<50	<0.50	<0.50	<0.50	<0.50	1.6	1.6	7
09/04/2003	--	f	37.46	15.00	40.00	--	--	--	--	--	--	--	--	--	--
11/17/2003	P		37.46	15.00	40.00	11.13	26.33	<50	<0.50	<0.50	<0.50	<0.50	1.4	1.8	6.7
03/01/2004	P	i	39.82	15.00	40.00	9.00	30.82	<50	<0.50	<0.50	<0.50	<0.50	8.6	0.6	7.0

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
AR-1 Cont.															
06/02/2004	NP		39.82	15.00	40.00	10.40	29.42	<50	<0.50	<0.50	<0.50	<0.50	3.6	0.3	7.2
09/16/2004	NP		39.82	15.00	40.00	11.18	28.64	<50	<0.50	<0.50	<0.50	<0.50	3.2	0.1	6.7
12/07/2004	NP		39.82	15.00	40.00	11.15	28.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.2	7.3
03/02/2005	P	p	39.82	15.00	40.00	9.01	30.81	<50	<0.50	<0.50	<0.50	<0.50	1.7	0.9	6.8
06/20/2005	NP		39.82	15.00	40.00	9.55	30.27	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.07	8.1
09/06/2005	NP		39.82	15.00	40.00	10.42	29.40	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.7	7.5
03/07/2006	--		39.82	15.00	40.00	9.04	30.78	--	--	--	--	--	--	--	--
9/7/2006	**NP**		**39.82**	**15.00**	**40.00**	**9.83**	**29.99**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**2.07**	**7.1**
AR-2															
3/30/1993	--		38.39	5.0	35.00	11.53	26.86	390	4.1	1.6	<0.5	47	--	--	--
4/14/1993	--		38.39	5.0	35.00	11.87	26.52	310	18	<0.5	0.67	36	--	--	--
8/12/1993	--		38.39	5.0	35.00	13.59	24.8	130	16	<0.5	1.7	0.57	--	--	--
10/26/1993	--		38.39	5.0	35.00	14.25	24.14	110	15	<0.5	1.8	<0.5	--	--	--
2/17/1994	--		38.39	5.0	35.00	12.76	25.22	130	2.9	<0.5	15	0.8	--	--	--
5/3/1994	--		38.39	5.0	35.00	12.60	25.38	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
8/17/1994	--		38.18	5.0	35.00	13.86	24.32	3,000	140	140	220	91	--	--	--
11/18/1994	--		38.18	5.0	35.00	13.33	24.85	623	10.5	10.5	27.9	8	--	--	--
9/26/1995	--		37.98	5.0	35.00	11.67	26.31	ND	ND	ND	ND	ND	--	--	--
12/6/1995	--		37.98	5.0	35.00	12.32	25.66	320	12	12	23	2.1	--	--	--
2/14/1996	--		37.98	5.0	35.00	10.74	27.24	ND	ND	ND	ND	0.76	--	--	--
10/29/1996	--		37.98	5.0	35.00	11.95	26.03	ND	ND	ND	ND	ND	--	--	--
1/29/1997	--		37.98	5.0	35.00	11.35	26.63	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/30/1997	--		37.98	5.0	35.00	12.15	25.83	<20	<0.3	<0.3	<0.3	<0.5	<50	--	--
7/31/1997	--		37.98	5.0	35.00	11.20	26.78	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
10/22/1997	--		37.98	5.0	35.00	12.14	25.84	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
1/28/1998	--		37.98	5.0	35.00	10.05	27.93	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/22/1998	--		37.98	5.0	35.00	12.10	25.88	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
7/8/1998	--		37.98	5.0	35.00	9.50	28.48	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
10/22/1998	--		37.98	5.0	35.00	10.45	27.53	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/13/1999	--		37.98	5.0	35.00	10.50	27.48	<50	<0.3	0.4	<0.3	0.53	<20	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
AR-2 Cont.															
4/29/1999	--		37.98	5.0	35.00	11.48	26.5	<50	<0.3	<0.3	<0.3	0.82	<5	--	--
1/15/2002	--		37.98	5.0	35.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	17	--	--
4/24/2002	--	j	37.98	5.0	35.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	39	--	--
9/23/2002	P		37.98	5.0	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	5.0	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	5.0	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	5.0	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	5.0	35.00	--	--	--	--	--	--	--	--	--	--
11/17/2003	P		38.89	5.0	35.00	12.08	26.81	<50	<0.50	<0.50	<0.50	<0.50	0.86	1.8	6.8
03/01/2004	P	i	40.68	5.0	35.00	10.01	30.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	6.9
06/02/2004	--		40.68	5.0	35.00	11.38	29.30	<50	<0.50	<0.50	<0.50	<0.50	4.3	0.3	6.7
09/16/2004	NP		40.68	5.0	35.00	12.12	28.56	<50	<0.50	<0.50	<0.50	<0.50	1.5	0.1	6.9
12/07/2004	NP		40.68	5.0	35.00	12.00	28.68	<50	<0.50	<0.50	<0.50	<0.50	1.2	0.3	7.4
03/02/2005	NP		40.68	5.0	35.00	9.92	30.76	<50	<0.50	<0.50	<0.50	<0.50	1.5	0.8	7.0
06/20/2005	NP		40.68	5.0	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	5.0	35.00	11.35	29.33	<50	<0.50	<0.50	<0.50	<1.5	0.79	0.7	7.0
03/07/2006	--		40.68	5.0	35.00	9.92	30.76	--	--	--	--	--	--	--	--
9/7/2006	**NP**		**40.68**	**5.0**	**35.00**	**10.69**	**29.99**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**1.31**	**6.7**
MW-1															
8/8/1986	--		38.36	5.0	30.00	11.25	27.11	7,040	132	8.7	439	230	--	--	--
12/24/1991	--		38.36	5.0	30.00	16.12	22.24	2,200	190	8.5	6.9	2.6	--	--	--
3/10/1992	--		38.36	5.0	30.00	13.34	25.02	2,800	270	29	56	39	--	--	--
6/9/1992	--		38.36	5.0	30.00	14.12	24.24	2,900	960	27	99	63	--	--	--
9/14/1992	--		38.36	5.0	30.00	15.34	23.02	2,600	450	<5.0	45	21	--	--	--
11/12/1992	--		38.36	5.0	30.00	15.46	22.9	1,600	310	7.2	22	8.9	--	--	--
2/11/1993	--		38.36	5.0	30.00	11.95	26.41	4,000	510	47	200	91	--	--	--
4/14/1993	--		38.36	5.0	30.00	11.65	26.71	1,700	260	20	100	70	--	--	--
8/12/1993	--		38.36	5.0	30.00	12.93	25.43	830	60	3.8	39	3.6	--	--	--
10/26/1993	--		38.36	5.0	30.00	14.13	24.23	8,800	140	<10	41	<10	--	--	--
2/17/1994	--		37.26	5.0	30.00	11.86	25.4	1,200	130	12	54	58	--	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-1 Cont.															
5/3/1994	--		37.26	5.0	30.00	11.58	25.68	--	--	--	--	--	--	--	--
8/17/1994	--		37.33	5.0	30.00	12.78	24.55	3,900	86	5.1	78	9.4	--	--	--
11/18/1994	--		37.33	5.0	30.00	12.31	25.02	6,350	112	8.4	107	35	--	--	--
9/26/1995	--		37.26	5.0	30.00	11.26	26.00	ND	ND	ND	ND	ND	--	--	--
12/6/1995	--		37.26	5.0	30.00	12.16	25.1	4,100	0.86	0.46	0.38	0.92	--	--	--
2/14/1996	--		37.26	5.0	30.00	8.53	28.73	ND	ND	0.56	ND	0.82	--	--	--
10/29/1996	--		37.26	5.0	30.00	10.23	27.03	130	ND	ND	ND	ND	--	--	--
1/29/1997	--		37.26	5.0	30.00	8.15	29.11	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/30/1997	--		37.26	5.0	30.00	8.05	29.21	<20	<0.3	<0.3	<0.3	<0.5	<50	--	--
7/31/1997	--		37.26	5.0	30.00	10.50	26.76	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
10/22/1997	--		37.26	5.0	30.00	11.15	26.11	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
1/28/1998	--		37.26	5.0	30.00	4.95	32.31	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/22/1998	--		37.26	5.0	30.00	8.10	29.16	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
7/8/1998	--		37.26	5.0	30.00	8.02	29.24	<50	<0.3	<0.3	<0.3	<0.5	40	--	--
10/22/1998	--		37.26	5.0	30.00	9.70	27.56	230	0.43	1.9	0.99	0.99	33	--	--
1/13/1999	--		37.26	5.0	30.00	9.60	27.66	<50	0.43	<0.3	<0.3	<0.5	<20	--	--
4/29/1999	--	l	37.26	5.0	30.00	8.05	29.21	<50	<0.3	<0.3	<0.3	<0.5	31/17	--	--
1/15/2002	--		37.26	5.0	30.00	--	--	<50	<0.05	<0.5	<0.5	<0.5	21	--	--
4/24/2002	--	j	37.26	5.0	30.00	--	--	160	1.5	<0.50	<0.50	<0.50	770	--	--
09/23/2002	--	a	37.26	5.0	30.00	--	--	--	--	--	--	--	--	--	--
12/9/2002	P	b, d, j	37.26	5.0	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	5.0	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	5.0	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	5.0	30.00	--	--	--	--	--	--	--	--	--	--
11/17/2003	P		37.26	5.0	30.00	10.94	26.32	420	<0.50	<0.50	<0.50	<0.50	140	1.7	--
03/01/2004	P	i	39.80	5.0	30.00	8.85	30.95	<50	<0.50	<0.50	<0.50	<0.50	14	2.1	6.5
06/02/2004	P		39.80	5.0	30.00	10.30	29.50	340	<2.5	<2.5	<2.5	<2.5	250	0.4	7.0
09/16/2004	P		39.80	5.0	30.00	11.02	28.78	<250	<2.5	<2.5	<2.5	<2.5	170	0.5	6.7
12/07/2004	--		39.80	5.0	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	5.0	30.00	8.62	31.18	50	<0.50	<0.50	<0.50	<0.50	24	1.8	6.8
06/20/2005	P		39.80	5.0	30.00	9.20	30.60	<50	<0.50	<0.50	<0.50	<0.50	2.2	0.08	7.5

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-1 Cont.															
09/06/2005	P		39.80	5.0	30.00	10.12	29.68	<50	<0.50	<0.50	<0.50	<1.5	3.5	0.1	6.8
03/07/2006	P		39.80	5.0	30.00	8.69	31.11	<50	<0.50	<0.50	<0.50	<0.50	4.7	0.5	6.8
9/7/2006	**P**		**39.80**	**5.0**	**30.00**	**9.62**	**30.18**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**2.6**	**2.20**	**7.0**
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	16.5	22.08	23,000	1,500	1,100	480	1,400	--	--	--
3/10/1992	--		38.58	5.00	30.00	13.5	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	22.8	16,000	3,700	10	470	1,000	--	--	--
11/12/1992	--		38.58	5.00	30.00	15.98	22.6	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	24.3	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	26.9	<20	<0.3	<0.3	<0.3	<0.5	<50	--	--
7/31/1997	--		37.99	5.00	30.00	11.7	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	9.5	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	10.2	27.79	78	<0.3	<0.3	<0.3	<0.5	97	--	--
10/22/1998	--		37.99	5.00	30.00	11.1	26.89	270	0.37	2	0.91	0.73	26	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-2 Cont.															
1/13/1999	--		37.99	5.00	30.00	11.1	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	12.2	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
6/27/2003	P		37.99	5.00	30.00	11.2	26.79	520	<0.50	<0.50	<0.50	<0.50	45	0.8	6.8
9/4/2003	P		37.99	5.00	30.00	11.84	26.15	500	<0.50	<0.50	<0.50	<0.50	28	1.2	6.9
11/17/2003	P		37.99	5.00	30.00	11.98	26.01	530	<0.50	<0.50	<0.50	<0.50	50	3.1	6.7
03/01/2004	P	i	40.51	5.00	30.00	10.05	30.46	890	<0.50	<0.50	<0.50	<0.50	36	3.1	6.6
06/02/2004	P		40.51	5.00	30.00	11.32	29.19	310	<0.50	<0.50	<0.50	<0.50	9.2	0.3	7.2
09/16/2004	P		40.51	5.00	30.00	12.01	28.50	400	<0.50	<0.50	<0.50	<0.50	4.0	0.2	6.8
12/07/2004	P		40.51	5.00	30.00	12.00	28.51	920	<5.0	<5.0	<5.0	<5.0	10	0.9	7.4
03/02/2005	P		40.51	5.00	30.00	9.92	30.59	180	<0.50	<0.50	<0.50	<0.50	4.4	1.7	6.9
06/20/2005	P		40.51	5.00	30.00	10.46	30.05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.12	6.7
09/06/2005	P		40.51	5.00	30.00	11.28	29.23	440	<0.50	<0.50	<0.50	<1.5	2.5	0.2	6.7
03/07/2006	P		40.51	5.00	30.00	10.04	30.47	360	<0.50	<0.50	<0.50	<0.50	1.3	0.6	6.8
9/7/2006	**P**		**40.51**	**5.00**	**30.00**	**10.77**	**29.74**	**280**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**1.2**	**2.23**	**6.9**
MW-3															
8/8/1986	--		37.77	5.0	30.0	10.61	27.16	7,450	510	549	409	1,380	--	--	--
12/24/1991	--		37.77	5.0	30.0	15.6	22.17	6,800	450	10	610	45	--	--	--
3/10/1992	--		37.77	5.0	30.0	12.9	24.87	11,000	2,500	75	400	560	--	--	--
6/9/1992	--		37.77	5.0	30.0	13.6	24.17	16,000	2,000	69	1,300	2,600	--	--	--
9/14/1992	--		37.77	5.0	30.0	14.78	22.99	14,000	630	<50	1,500	2,400	--	--	--
11/12/1992	--		37.77	5.0	30.0	14.92	22.85	7,400	400	<25	860	330	--	--	--
2/11/1993	--		37.77	5.0	30.0	11.65	26.12	8,600	580	<20	710	300	--	--	--
4/14/1993	--		37.77	5.0	30.0	11.16	26.61	6,900	300	8.8	580	99	--	--	--
8/12/1993	--		37.77	5.0	30.0	12.82	24.95	3,400	56	<5	190	<5	--	--	--
10/26/1993	--		37.77	5.0	30.0	13.6	24.17	2,900	42	<10	76	<10	--	--	--

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-3 Cont.															
2/17/1994	--		36.8	5.0	30.0	11.53	25.27	3,100	160	<10	36	8.6	--	--	--
5/3/1994	--		36.8	5.0	30.0	11.36	25.44	2,300	44	<2.5	8	<2.5	--	--	--
8/17/1994	--		36.87	5.0	30.0	12.38	24.49	1,900	7	<9.5	4.4	<5	--	--	--
11/18/1994	--		36.87	5.0	30.0	11.93	24.94	909	1.1	<0.5	0.9	4	--	--	--
9/26/1995	--		36.8	5.0	30.0	10.96	25.84	410	1.3	1.9	2.3	3.3	--	--	--
12/6/1995	--		36.8	5.0	30.0	11.56	25.24	--	0.9	4.6	3	4.3	--	--	--
2/14/1996	--		36.8	5.0	30.0	7.47	29.33	99	ND	0.49	0.46	ND	--	--	--
10/29/1996	--		36.8	5.0	30.0	9.8	27	250	0.7	0.6	ND	ND	--	--	--
1/29/1997	--		36.8	5.0	30.0	7.5	29.3	170	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/30/1997	--		36.8	5.0	30.0	12.1	24.7	<20	<0.3	<0.3	<0.3	<0.5	<50	--	--
7/31/1997	--		36.8	5.0	30.0	9.9	26.9	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
10/22/1997	--		36.8	5.0	30.0	12.1	24.7	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
1/28/1998	--		36.8	5.0	30.0	7.5	29.3	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/22/1998	--		36.8	5.0	30.0	12.3	24.5	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
7/8/1998	--		36.8	5.0	30.0	8.3	28.5	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
10/22/1998	--		36.8	5.0	30.0	9.1	27.7	<50	<0.3	<0.3	<0.3	<0.5	<5	--	--
1/13/1999	--		36.8	5.0	30.0	9.5	27.3	<50	<0.3	<0.3	<0.3	<0.5	<20	--	--
4/29/1999	--		36.8	5.0	30.0	5.93	30.87	<50	<0.3	0.35	<0.3	<0.5	<5	--	--
1/15/2002	--		36.8	5.0	30.0	--	--	<50	<0.5	<0.5	<0.5	<0.5	7.9	--	--
4/24/2002	--	j	36.8	5.0	30.0	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
9/23/2002	P		36.8	5.0	30.0	10.3	26.50	<50.0	<0.500	<0.500	<0.500	<1.50	<0.500	1.0	6.9
12/9/2002	P		36.8	5.0	30.0	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	5.0	30.0	8.85	27.95	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	6.7
6/27/2003	--		36.8	5.0	30.0	9.12	27.68	<50	<0.50	<0.50	<0.50	<0.50	0.61	0.9	6.8
9/4/2003	--		36.8	5.0	30.0	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	5.0	30.0	9.93	26.70	--	--	--	--	--	--	--	--
03/01/2004	--	i, n	38.72	5.0	30.0	7.95	30.77	--	--	--	--	--	--	--	--
06/02/2004	--	n	38.72	5.0	30.0	9.25	29.47	--	--	--	--	--	--	--	--
09/16/2004	P		38.72	5.0	30.0	9.95	28.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.4	6.8
12/07/2004	--	n	38.72	5.0	30.0	9.90	28.82	--	--	--	--	--	--	--	--
03/02/2005	--	n	38.72	5.0	30.0	7.86	30.86	--	--	--	--	--	--	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

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

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/ TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-3 Cont.															
06/20/2005	--	n	38.72	5.0	30.0	8.38	30.34	--	--	--	--	--	--	--	--
09/06/2005	P		38.72	5.0	30.0	9.25	29.47	<50	<0.50	<0.50	<0.50	<1.5	<0.50	0.3	6.8
03/07/2006	--		38.72	5.0	30.0	7.86	30.86	--	--	--	--	--	--	--	--
9/7/2006	**--**		**38.72**	**5.0**	**30.0**	**8.66**	**30.06**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

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

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

NOTES:
Data for DO and pH were obtained through field measurements.

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

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

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

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

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 2. Summary of Fuel Additives Analytical Data

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

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
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	--	--	--	--	--	
11/17/2003	--	--	--	--	--	--	--	--	
03/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
06/02/2004	--	--	--	--	--	--	--	--	
09/16/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/07/2004	--	--	--	--	--	--	--	--	
03/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
06/20/2005	--	--	--	--	--	--	--	--	
09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/07/2006	--	--	--	--	--	--	--	--	
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	
11/17/2003	--	--	--	--	--	--	--	--	
03/01/2004	<100	<20	0.77	<0.50	<0.50	<0.50	<0.50	<0.50	a
06/02/2004	--	--	--	--	--	--	--	--	
09/16/2004	<100	<20	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/07/2004	--	--	--	--	--	--	--	--	
03/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
06/20/2005	--	--	--	--	--	--	--	--	
09/06/2005	<150	<10	0.61	<0.50	<0.50	<0.50	<0.50	<0.50	
03/07/2006	--	--	--	--	--	--	--	--	
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	
11/17/2003	--	--	--	--	--	--	--	--	

Table 2. Summary of Fuel Additives Analytical Data

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

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-6 Cont.									
03/01/2004	--	--	--	--	--	--	--	--	
06/02/2004	--	--	--	--	--	--	--	--	
09/16/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/07/2004	--	--	--	--	--	--	--	--	
03/02/2005	--	--	--	--	--	--	--	--	
06/20/2005	--	--	--	--	--	--	--	--	
09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/07/2006	--	--	--	--	--	--	--	--	
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	
03/07/2006	--	--	--	--	--	--	--	--	
9/7/2006	**<300**	**<20**	**0.80**	**<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	
11/17/2003	--	--	--	--	--	--	--	--	
03/01/2004	<100	<20	0.76	<0.50	<0.50	<0.50	<0.50	<0.50	a
06/02/2004	--	--	--	--	--	--	--	--	
09/16/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data

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

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-8 Cont.									
12/07/2004	--	--	--	--	--	--	--	--	
03/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
06/20/2005	--	--	--	--	--	--	--	--	
09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/07/2006	--	--	--	--	--	--	--	--	
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	
11/17/2003	--	--	--	--	--	--	--	--	
03/01/2004	<100	<20	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	a
06/02/2004	--	--	--	--	--	--	--	--	
09/16/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/07/2004	--	--	--	--	--	--	--	--	
03/02/2005	--	--	--	--	--	--	--	--	
06/20/2005	--	--	--	--	--	--	--	--	
09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/07/2006	--	--	--	--	--	--	--	--	
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	
11/17/2003	--	--	--	--	--	--	--	--	
03/01/2004	--	--	--	--	--	--	--	--	
06/02/2004	--	--	--	--	--	--	--	--	
09/16/2004	<100	<20	0.84	<0.50	<0.50	<0.50	<0.50	<0.50	
12/07/2004	--	--	--	--	--	--	--	--	
03/02/2005	--	--	--	--	--	--	--	--	
06/20/2005	--	--	--	--	--	--	--	--	
09/06/2005	--	--	--	--	--	--	--	--	

Table 2. Summary of Fuel Additives Analytical Data

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

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
A-10 Cont.									
03/07/2006	--	--	--	--	--	--	--	--	
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	
03/07/2006	--	--	--	--	--	--	--	--	
9/7/2006	**<300**	**<20**	**<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	
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	
03/07/2006	--	--	--	--	--	--	--	--	
9/7/2006	**<300**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-1									

Table 2. Summary of Fuel Additives Analytical Data

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

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-1 Cont.									
2/11/2003	<100	<20	76	<0.50	<0.50	<0.50	--	--	
6/27/2003	<1,000	<200	170	<0.50	<5.0	<5.0	<5.0	<5.0	
9/4/2003	--	--	--	--	--	--	--	--	
11/17/2003	<100	<20	140	<0.50	<0.50	1.7	--	--	b
03/01/2004	<100	<20	14	<0.50	<0.50	<0.50	<0.50	<0.50	a
06/02/2004	<500	<100	250	<2.5	<2.5	<2.5	<2.5	<2.5	
09/16/2004	<500	<100	170	<2.5	<2.5	<2.5	<2.5	<2.5	
12/07/2004	<500	<100	180	<2.5	<2.5	<2.5	<2.5	<2.5	
03/02/2005	<100	66	24	<0.50	<0.50	<0.50	<0.50	<0.50	
06/20/2005	<100	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
09/06/2005	<150	21	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	
03/07/2006	<300	<20	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	
9/7/2006	**<300**	**<20**	**2.6**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	c
MW-2									
2/11/2003	<100	<20	71	<0.50	<0.50	13	--	--	
6/27/2003	<100	<20	45	<0.50	<0.50	5.4	<0.50	<0.50	
9/4/2003	<100	<20	28	<0.50	<0.50	3.8	<0.50	<0.50	
11/17/2003	<100	30	50	<0.50	<0.50	6.2	--	--	b
03/01/2004	<100	49	36	<0.50	<0.50	6.2	<0.50	<0.50	a
06/02/2004	<100	<20	9.2	<0.50	<0.50	1.7	<0.50	<0.50	
09/16/2004	<100	<20	4.0	<0.50	<0.50	<0.50	<0.50	<0.50	
12/07/2004	<1,000	<200	10	<5.0	<5.0	<5.0	<5.0	<5.0	
03/02/2005	<100	75	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	
06/20/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/06/2005	<150	<10	2.5	<0.50	<0.50	1.1	<0.50	<0.50	
03/07/2006	<300	<20	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
9/7/2006	**<300**	**<20**	**1.2**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	c
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	

Table 2. Summary of Fuel Additives Analytical Data

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

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-3 Cont.									
9/4/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/17/2003	--	--	--	--	--	--	--	--	
03/01/2004	--	--	--	--	--	--	--	--	
06/02/2004	--	--	--	--	--	--	--	--	
09/16/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/07/2004	--	--	--	--	--	--	--	--	
03/02/2005	--	--	--	--	--	--	--	--	
06/20/2005	--	--	--	--	--	--	--	--	
09/06/2005	<150	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/07/2006	--	--	--	--	--	--	--	--	

SYMBOLS AND ABBREVIATIONS:
-- = Data not available, analyzed, applicable, or sampled
< = Not detected at or above specified laboratory reporting limit
1,2-DCA = 1,2-Dichloroethane
DIPE = Di-isopropyl ether
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert-butyl ether
MTBE = Methyl tert-butyl ether
TAME = tert-Amyl methyl ether
TBA = tert-Butyl alcohol
g/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.
c = Calib. verif. is within method limits but outside contract limits.

NOTES:
All fuel oxygenate compounds analyzed using EPA Method 8260B.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 3. Historical Ground-Water Flow Direction and Gradient

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

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

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

APPENDIX A

URS GROUNDWATER SAMPLING DATA PACKAGE (INCLUDES LABORATORY REPORT AND CHAIN OF CUSTORDY DOCUMENTATION, FIELD AND LABORATORY PROCEDURES, AND FIELD DATA SHEETS)

URS

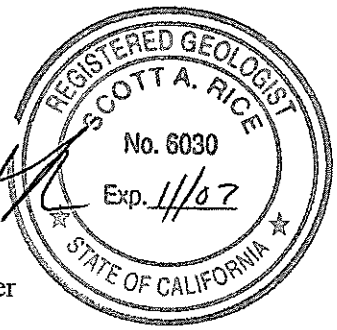
October 4, 2006

Mr. Rob Miller
Broadbent & Associates, Inc.
2000 Kirman Avenue
Reno, NV 89502

Groundwater Sampling Data Package
Former BP Service Station #5387
20200 Hesperian Boulevard
Hayward, CA
Field Work Performed: 09/07/06

General Information
Data Submittal Prepared/Reviewed by: Scott Rice
Phone Number: 916-679-2095
On-Site Supplier Representative: Blaine Tech
Scope of Work Performed: Groundwater Monitoring in accordance with 3rd Quarter 2006 protocols as identified in the Quarterly Monitoring Program Table in the Field and Laboratory Procedures Attachment.
Variations from Work Scope: None

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include, at a minimum, sampling procedures, field data collected, laboratory results, chain of custody documentation, and waste management activities. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.



Scott Rice, P.G.
Portfolio Manager

cc: 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

URS

Attachments

Field and Laboratory Procedures
Laboratory Report
Chain of Custody Documentation
Field Data Sheets
    Well Gauging Data
    Well Monitoring Data Sheets

FIELD & LABORATORY PROCEDURES

Sampling Procedures

The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear Teflon™ bailer or an oil-water interface probe. Wells not containing free product are purged approximately three casing volumes of water (or until dewatered) using a centrifugal pump, gas displacement pump, or bailer. Equipment and purging method used for the current sampling event is noted on the attached field data sheets. During purging, temperature, pH, and electrical conductivity are monitored to document that these parameters are stable prior to collecting samples. After purging, water levels are allowed to partially (approximately 80%) recover. Groundwater samples (both purge and no purge) are collected using a Teflon bailer, placed into appropriate Environmental Protection Agency- (EPA) approved containers, labeled, logged onto chain-of-custody records, and transported on ice to a California State-certified laboratory. Wells with free product are not sampled and free product is removed according to California Code of Regulation, Title 23, Div. 3, Chap. 16, Section 2655, UST Regulations.

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.

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www.testamericainc.com

29 September, 2006

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

RE: ARCO #5387, Hayward, CA
Work Order: MPI0197

Enclosed are the results of analyses for samples received by the laboratory on 09/07/06 17:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate # 1210

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

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URS Corporation [Arco]	Project: ARCO #5387, Hayward, CA	MPI0197
1333 Broadway, Suite 800	Project Number: G0C52-0013	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	09/29/06 11:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MPI0197-01	Water	09/07/06 12:30	09/07/06 17:15
MW-2	MPI0197-02	Water	09/07/06 13:30	09/07/06 17:15
A-7	MPI0197-03	Water	09/07/06 11:35	09/07/06 17:15
AR-1	MPI0197-04	Water	09/07/06 09:55	09/07/06 17:15
AR-2	MPI0197-05	Water	09/07/06 10:20	09/07/06 17:15
TB-5387-09072006	MPI0197-06	Water	09/07/06 10:20	09/07/06 17:15

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.

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1333 Broadway, Suite 800	Project Number: G0C52-0013	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	09/29/06 11:24

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPI0197-01) Water Sampled: 09/07/06 12:30 Received: 09/07/06 17:15									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6I17006	09/17/06	09/18/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*60-145*		"	"	"	"	
MW-2 (MPI0197-02) Water Sampled: 09/07/06 13:30 Received: 09/07/06 17:15									
Gasoline Range Organics (C4-C12)	**280**	50	ug/l	1	6I17006	09/17/06	09/18/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-145*		"	"	"	"	
A-7 (MPI0197-03) Water Sampled: 09/07/06 11:35 Received: 09/07/06 17:15									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6I18011	09/18/06	09/18/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*91 %*	*60-145*		"	"	"	"	
AR-1 (MPI0197-04) Water Sampled: 09/07/06 09:55 Received: 09/07/06 17:15									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6I18004	09/18/06	09/18/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*60-145*		"	"	"	"	
AR-2 (MPI0197-05) Water Sampled: 09/07/06 10:20 Received: 09/07/06 17:15									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6I18004	09/18/06	09/18/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*60-145*		"	"	"	"	

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1333 Broadway, Suite 800	Project Number: G0C52-0013	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	09/29/06 11:24

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MPI0197-01) Water Sampled: 09/07/06 12:30 Received: 09/07/06 17:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6I17006	09/17/06	09/18/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**2.6**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*90 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*60-120*		"	"	"	"	
MW-2 (MPI0197-02) Water Sampled: 09/07/06 13:30 Received: 09/07/06 17:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6I17006	09/17/06	09/18/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**1.2**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*93 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*99 %*	*60-120*		"	"	"	"	

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Oakland CA, 94612	Project Manager: Scott Robinson	09/29/06 11:24

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A-7 (MPI0197-03) Water Sampled: 09/07/06 11:35 Received: 09/07/06 17:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6I18011	09/18/06	09/18/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.80**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*92 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*91 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*91 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*60-120*		"	"	"	"	
AR-1 (MPI0197-04) Water Sampled: 09/07/06 09:55 Received: 09/07/06 17:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6I18004	09/18/06	09/18/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*104 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*60-145*		"	"	"	"	
Surrogate: Toluene-d8		*84 %*	*70-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88 %*	*60-120*		"	"	"	"	

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Oakland CA, 94612	Project Manager: Scott Robinson	09/29/06 11:24

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AR-2 (MPI0197-05) Water Sampled: 09/07/06 10:20 Received: 09/07/06 17:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6118004	09/18/06	09/18/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*		*75-130*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*60-145*	"	"	"	"	
Surrogate: Toluene-d8		*84 %*		*70-130*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81 %*		*60-120*	"	"	"	"	

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1333 Broadway, Suite 800	Project Number: G0C52-0013	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	09/29/06 11:24

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I17006 - EPA 5030B P/T / LUFT GCMS										
Blank (6I17006-BLK1)				Prepared: 09/17/06 Analyzed: 09/18/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.21*		"	*2.50*		*88*	*60-145*			
Laboratory Control Sample (6I17006-BS1)				Prepared & Analyzed: 09/17/06						
Gasoline Range Organics (C4-C12)	722	50	ug/l	700		103	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.17*		"	*2.50*		*87*	*60-145*			
Laboratory Control Sample (6I17006-BS2)				Prepared: 09/17/06 Analyzed: 09/18/06						
Gasoline Range Organics (C4-C12)	482	50	ug/l	440		110	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.17*		"	*2.50*		*87*	*60-145*			
Laboratory Control Sample Dup (6I17006-BSD1)				Prepared: 09/17/06 Analyzed: 09/18/06						**DU**
Gasoline Range Organics (C4-C12)	736	50	ug/l	700		105	75-140	2	20	
Surrogate: 1,2-Dichloroethane-d4	*2.19*		"	*2.50*		*88*	*60-145*			
Laboratory Control Sample Dup (6I17006-BSD2)				Prepared: 09/17/06 Analyzed: 09/18/06						**DU**
Gasoline Range Organics (C4-C12)	460	50	ug/l	440		105	75-140	5	20	
Surrogate: 1,2-Dichloroethane-d4	*2.17*		"	*2.50*		*87*	*60-145*			
Batch 6I18004 - EPA 5030B P/T / LUFT GCMS										
Blank (6I18004-BLK1)				Prepared & Analyzed: 09/18/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.39*		"	*2.50*		*96*	*60-145*			
Laboratory Control Sample (6I18004-BS2)				Prepared & Analyzed: 09/18/06						
Gasoline Range Organics (C4-C12)	438	50	ug/l	440		100	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.39*		"	*2.50*		*96*	*60-145*			

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URS Corporation [Arco]	Project: ARCO #5387, Hayward, CA	MPI0197
1333 Broadway, Suite 800	Project Number: G0C52-0013	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	09/29/06 11:24

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I18004 - EPA 5030B P/T / LUFT GCMS										
Matrix Spike (6I18004-MS1)	**Source: MPI0205-03**			Prepared & Analyzed: 09/18/06						
Gasoline Range Organics (C4-C12)	631	50	ug/l	700	ND	90	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.84*		"	*2.50*		*114*	*60-145*			
Matrix Spike Dup (6I18004-MSD1)	**Source: MPI0205-03**			Prepared & Analyzed: 09/18/06						
Gasoline Range Organics (C4-C12)	589	50	ug/l	700	ND	84	75-140	7	20	
Surrogate: 1,2-Dichloroethane-d4	*2.68*		"	*2.50*		*107*	*60-145*			
Batch 6I18011 - EPA 5030B P/T / LUFT GCMS										
Blank (6I18011-BLK1)				Prepared & Analyzed: 09/18/06						
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	*2.40*		"	*2.50*		*96*	*60-145*			
Laboratory Control Sample (6I18011-BS2)				Prepared & Analyzed: 09/18/06						
Gasoline Range Organics (C4-C12)	518	50	ug/l	440		118	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.37*		"	*2.50*		*95*	*60-145*			
Matrix Spike (6I18011-MS1)	**Source: MPI0137-03**			Prepared & Analyzed: 09/18/06						
Gasoline Range Organics (C4-C12)	5530	250	ug/l	3500	2000	101	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.45*		"	*2.50*		*98*	*60-145*			
Matrix Spike Dup (6I18011-MSD1)	**Source: MPI0137-03**			Prepared & Analyzed: 09/18/06						
Gasoline Range Organics (C4-C12)	5350	250	ug/l	3500	2000	96	75-140	3	20	
Surrogate: 1,2-Dichloroethane-d4	*2.37*		"	*2.50*		*95*	*60-145*			

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1333 Broadway, Suite 800	Project Number: G0C52-0013	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	09/29/06 11:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I17006 - EPA 5030B P/T / EPA 8260B										
Blank (6I17006-BLK1)				Prepared: 09/17/06 Analyzed: 09/18/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.27*		"	*2.50*		*91*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.21*		"	*2.50*		*88*	*60-145*			
Surrogate: Toluene-d8	*2.28*		"	*2.50*		*91*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.24*		"	*2.50*		*90*	*60-120*			
Laboratory Control Sample (6I17006-BS1)				Prepared & Analyzed: 09/17/06						
tert-Amyl methyl ether	11.7	0.50	ug/l	10.0		117	65-135			
Benzene	10.6	0.50	"	10.0		106	70-125			
tert-Butyl alcohol	190	20	"	200		95	60-135			
Di-isopropyl ether	10.8	0.50	"	10.0		108	70-130			
1,2-Dibromoethane (EDB)	11.5	0.50	"	10.0		115	80-125			
1,2-Dichloroethane	10.6	0.50	"	10.0		106	75-125			
Ethanol	160	300	"	200		80	15-150			
Ethyl tert-butyl ether	11.3	0.50	"	10.0		113	65-130			
Ethylbenzene	11.5	0.50	"	10.0		115	70-130			
Methyl tert-butyl ether	12.2	0.50	"	10.0		122	50-140			
Toluene	11.4	0.50	"	10.0		114	70-120			
Xylenes (total)	35.3	0.50	"	30.0		118	80-125			
Surrogate: Dibromofluoromethane	*2.26*		"	*2.50*		*90*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.17*		"	*2.50*		*87*	*60-145*			
Surrogate: Toluene-d8	*2.31*		"	*2.50*		*92*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.35*		"	*2.50*		*94*	*60-120*			

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Oakland CA, 94612	Project Manager: Scott Robinson	09/29/06 11:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I17006 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample Dup (6I17006-BSD1)				Prepared: 09/17/06 Analyzed: 09/18/06						DU
tert-Amyl methyl ether	11.7	0.50	ug/l	10.0		117	65-135	0	25	
Benzene	10.6	0.50	"	10.0		106	70-125	0	15	
tert-Butyl alcohol	195	20	"	200		98	60-135	3	35	
Di-isopropyl ether	11.0	0.50	"	10.0		110	70-130	2	35	
1,2-Dibromoethane (EDB)	11.8	0.50	"	10.0		118	80-125	3	15	
1,2-Dichloroethane	10.8	0.50	"	10.0		108	75-125	2	10	
Ethanol	175	300	"	200		88	15-150	9	35	
Ethyl tert-butyl ether	11.4	0.50	"	10.0		114	65-130	0.9	35	
Ethylbenzene	11.5	0.50	"	10.0		115	70-130	0	15	
Methyl tert-butyl ether	12.1	0.50	"	10.0		121	50-140	0.8	25	
Toluene	11.2	0.50	"	10.0		112	70-120	2	15	
Xylenes (total)	35.6	0.50	"	30.0		119	80-125	0.8	15	
Surrogate: Dibromofluoromethane	*2.27*		"	*2.50*		*91*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.19*		"	*2.50*		*88*	*60-145*			
Surrogate: Toluene-d8	*2.33*		"	*2.50*		*93*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.34*		"	*2.50*		*94*	*60-120*			
Batch 6I18004 - EPA 5030B P/T / EPA 8260B										
Blank (6I18004-BLK1)				Prepared & Analyzed: 09/18/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.37*		"	*2.50*		*95*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.39*		"	*2.50*		*96*	*60-145*			
Surrogate: Toluene-d8	*2.22*		"	*2.50*		*89*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.15*		"	*2.50*		*86*	*60-120*			

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Oakland CA, 94612	Project Manager: Scott Robinson	09/29/06 11:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I18004 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (6I18004-BS1)				Prepared & Analyzed: 09/18/06						
tert-Amyl methyl ether	11.2	0.50	ug/l	10.0		112	65-135			
Benzene	9.85	0.50	"	10.0		98	70-125			
tert-Butyl alcohol	210	20	"	200		105	60-135			
Di-isopropyl ether	11.7	0.50	"	10.0		117	70-130			
1,2-Dibromoethane (EDB)	10.4	0.50	"	10.0		104	80-125			
1,2-Dichloroethane	10.5	0.50	"	10.0		105	75-125			
Ethanol	211	300	"	200		106	15-150			
Ethyl tert-butyl ether	11.5	0.50	"	10.0		115	65-130			
Ethylbenzene	11.9	0.50	"	10.0		119	70-130			
Methyl tert-butyl ether	10.9	0.50	"	10.0		109	50-140			
Toluene	10.0	0.50	"	10.0		100	70-120			
Xylenes (total)	35.2	0.50	"	30.0		117	80-125			
Surrogate: Dibromofluoromethane	*2.50*		"	*2.50*		*100*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.37*		"	*2.50*		*95*	*60-145*			
Surrogate: Toluene-d8	*2.40*		"	*2.50*		*96*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.67*		"	*2.50*		*107*	*60-120*			
Matrix Spike (6I18004-MS1)	**Source: MPI0205-03**			Prepared & Analyzed: 09/18/06						
tert-Amyl methyl ether	12.8	0.50	ug/l	10.0	ND	128	65-135			
Benzene	10.3	0.50	"	10.0	ND	103	70-125			
tert-Butyl alcohol	235	20	"	200	ND	118	60-135			
Di-isopropyl ether	13.6	0.50	"	10.0	ND	136	70-130			LM
1,2-Dibromoethane (EDB)	12.2	0.50	"	10.0	ND	122	80-125			
1,2-Dichloroethane	13.0	0.50	"	10.0	ND	130	75-125			LM
Ethanol	219	300	"	200	ND	110	15-150			
Ethyl tert-butyl ether	13.4	0.50	"	10.0	ND	134	65-130			LM
Ethylbenzene	12.4	0.50	"	10.0	ND	124	70-130			
Methyl tert-butyl ether	12.8	0.50	"	10.0	ND	128	50-140			
Toluene	10.7	0.50	"	10.0	ND	107	70-120			
Xylenes (total)	36.5	0.50	"	30.0	ND	122	80-125			
Surrogate: Dibromofluoromethane	*2.73*		"	*2.50*		*109*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.84*		"	*2.50*		*114*	*60-145*			
Surrogate: Toluene-d8	*2.35*		"	*2.50*		*94*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.68*		"	*2.50*		*107*	*60-120*			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I18004 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (6I18004-MSD1)	**Source: MPI0205-03**			Prepared & Analyzed: 09/18/06						
tert-Amyl methyl ether	11.8	0.50	ug/l	10.0	ND	118	65-135	8	25	
Benzene	9.66	0.50	"	10.0	ND	97	70-125	6	15	
tert-Butyl alcohol	223	20	"	200	ND	112	60-135	5	35	
Di-isopropyl ether	12.2	0.50	"	10.0	ND	122	70-130	11	35	
1,2-Dibromoethane (EDB)	11.5	0.50	"	10.0	ND	115	80-125	6	15	
1,2-Dichloroethane	11.8	0.50	"	10.0	ND	118	75-125	10	10	
Ethanol	203	300	"	200	ND	102	15-150	8	35	
Ethyl tert-butyl ether	12.2	0.50	"	10.0	ND	122	65-130	9	35	
Ethylbenzene	11.5	0.50	"	10.0	ND	115	70-130	8	15	
Methyl tert-butyl ether	11.9	0.50	"	10.0	ND	119	50-140	7	25	
Toluene	10.1	0.50	"	10.0	ND	101	70-120	6	15	
Xylenes (total)	34.5	0.50	"	30.0	ND	115	80-125	6	15	
Surrogate: Dibromofluoromethane	*2.71*		"	*2.50*		*108*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.68*		"	*2.50*		*107*	*60-145*			
Surrogate: Toluene-d8	*2.34*		"	*2.50*		*94*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.60*		"	*2.50*		*104*	*60-120*			
Batch 6I18011 - EPA 5030B P/T / EPA 8260B										
Blank (6I18011-BLK1)				Prepared & Analyzed: 09/18/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	5.0	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Surrogate: Dibromofluoromethane	*2.31*		"	*2.50*		*92*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.40*		"	*2.50*		*96*	*60-145*			
Surrogate: Toluene-d8	*2.27*		"	*2.50*		*91*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.21*		"	*2.50*		*88*	*60-120*			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I18011 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (6I18011-BS1)				Prepared & Analyzed: 09/18/06						
tert-Amyl methyl ether	11.7	0.50	ug/l	10.0		117	65-135			
Benzene	10.4	0.50	"	10.0		104	70-125			
tert-Butyl alcohol	202	5.0	"	200		101	60-135			
Di-isopropyl ether	11.4	0.50	"	10.0		114	70-130			
1,2-Dibromoethane (EDB)	11.2	0.50	"	10.0		112	80-125			
1,2-Dichloroethane	11.1	0.50	"	10.0		111	75-125			
Ethanol	361	300	"	200		180	15-150			HL
Ethyl tert-butyl ether	11.8	0.50	"	10.0		118	65-130			
Ethylbenzene	11.3	0.50	"	10.0		113	70-130			
Methyl tert-butyl ether	12.0	0.50	"	10.0		120	50-140			
Toluene	11.1	0.50	"	10.0		111	70-120			
Xylenes (total)	34.8	0.50	"	30.0		116	80-125			
Surrogate: Dibromofluoromethane	*2.31*		"	*2.50*		*92*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.44*		"	*2.50*		*98*	*60-145*			
Surrogate: Toluene-d8	*2.38*		"	*2.50*		*95*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.49*		"	*2.50*		*100*	*60-120*			
Matrix Spike (6I18011-MS1)	**Source: MPI0137-03**			Prepared & Analyzed: 09/18/06						
tert-Amyl methyl ether	58.4	2.5	ug/l	50.0	ND	117	65-135			
Benzene	293	2.5	"	50.0	260	66	70-125			BB,LN
tert-Butyl alcohol	876	25	"	1000	28	85	60-135			
Di-isopropyl ether	54.8	2.5	"	50.0	0.55	108	70-130			
1,2-Dibromoethane (EDB)	56.2	2.5	"	50.0	ND	112	80-125			
1,2-Dichloroethane	57.6	2.5	"	50.0	ND	115	75-125			
Ethanol	1320	1500	"	1000	ND	132	15-150			
Ethyl tert-butyl ether	56.7	2.5	"	50.0	ND	113	65-130			
Ethylbenzene	61.8	2.5	"	50.0	5.9	112	70-130			
Methyl tert-butyl ether	71.6	2.5	"	50.0	12	119	50-140			
Toluene	57.0	2.5	"	50.0	3.1	108	70-120			
Xylenes (total)	172	2.5	"	150	1.8	113	80-125			
Surrogate: Dibromofluoromethane	*2.26*		"	*2.50*		*90*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.45*		"	*2.50*		*98*	*60-145*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.49*		"	*2.50*		*100*	*60-120*			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I18011 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (6I18011-MSD1)	**Source: MPI0137-03**			Prepared & Analyzed: 09/18/06						
tert-Amyl methyl ether	58.4	2.5	ug/l	50.0	ND	117	65-135	0	25	
Benzene	286	2.5	"	50.0	260	52	70-125	2	15	BB,LN
tert-Butyl alcohol	891	25	"	1000	28	86	60-135	2	35	
Di-isopropyl ether	54.8	2.5	"	50.0	0.55	108	70-130	0	35	
1,2-Dibromoethane (EDB)	56.8	2.5	"	50.0	ND	114	80-125	1	15	
1,2-Dichloroethane	55.4	2.5	"	50.0	ND	111	75-125	4	10	
Ethanol	1520	1500	"	1000	ND	152	15-150	14	35	HL
Ethyl tert-butyl ether	56.8	2.5	"	50.0	ND	114	65-130	0.2	35	
Ethylbenzene	60.4	2.5	"	50.0	5.9	109	70-130	2	15	
Methyl tert-butyl ether	71.1	2.5	"	50.0	12	118	50-140	0.7	25	
Toluene	56.2	2.5	"	50.0	3.1	106	70-120	1	15	
Xylenes (total)	168	2.5	"	150	1.8	111	80-125	2	15	
Surrogate: Dibromofluoromethane	*2.24*		"	*2.50*		*90*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*2.37*		"	*2.50*		*95*	*60-145*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*2.46*		"	*2.50*		*98*	*60-120*			

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URS Corporation [Arco]	Project: ARCO #5387, Hayward, CA	MPI0197
1333 Broadway, Suite 800	Project Number: G0C52-0013	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	09/29/06 11:24

Notes and Definitions

LM	MS and/or MSD above acceptance limits. See Blank Spike(LCS).
IC	Calib. verif. is within method limits but outside contract limits
HL	Analyte recovery above established limit
DU	Insufficient sample quantity for matrix spike/dup matrix spike
BB,LN	Sample > 4x spike concentration.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Chain of Custody Record

Project Name: 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 Fra
Requested Due Date (mm/dd/yy): 10 Day TAT
BTS#060907-SC1

On-site Time: 0825	Temp: 70°		
Off-site Time: 1340	Temp: 80°		
Sky Conditions: Clear			
Meteorological Events:			
Wind Speed:	Direction:		

Lab Name: Sequoia	BP/AR Facility No.: 5387	Consultant/Contractor: URS
Address: 885 Jarvis Drive, Morgan Hill, CA 95037	BP/AR Facility Address: 20200 Hesperian Blvd., Hayward, CA 9454	Address: 1333 Broadway, Suite 800, Oakland, CA 94612
Lab PM: Lisa Race / Katt Min	Site Lat/Long: 37.666474 / -122.117	Consultant/Contractor Project No.: 38487538
Tele/Fax: 408.782.8156 / 408.782.6308	California Global ID No.: T0600101368	Consultant/Contractor PM: Barb Jakub
BP/AR PM Contact: Paul Supple	Enfos Project No.: G0C52-0013	Tele/Fax: 510.874.3296 / 510.874.3268
Address: P.O. Box 6549, Moraga, CA 94570	Provision or RCOP: Provision	Report Type & QC Level: Level 1 with EDF
Tele/Fax: 925.299.8891 / 925.299.8872	Phase/WBS: 04 - Mon/Remed by Natural Attenuation	E-mail EDD To: jane_field@urscorp.com
Lab Bottle Order No: 5387	Sub Phase/Task: 03 - Analytical	Invoice to: Atlantic Richfield Company
	Cost Element: 05 - Subcontracted Costs	

Item No.	Sample Description	Time	Date	Soil/Solid	Water/Liquid	Air	Laboratory No. MPI0197	No. of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	Methanol	GRO / BTEX (8260)	MTBE, TAME, ETBE DIPE, TBA (8260)	EDB, 1,2-DCA (8260)	Ethanol (8260)						Sample Point Lat/Long and Comments
1	MW-1	1230	09/07/06		X		01	3				X		X	X	X	X						
2	MW-2	1330	↓		X		02	3				X		X	X	X	X						
3	A-7	1135	↓		X		03	3				X		X	X	X	X						
4	AR-1	0955	↓		X		04	3				X		X	X	X	X						
5	AR-2	1020	↓		X		05	3				X		X	X	X	X						
6	TB-5387-09072006	—	↓		X		06	2 ~~3~~ SC				X		~~X~~	~~X~~	~~X~~	~~X~~ SC						ON HOLD
7																							
8																							
9																							
10																							

Sampler's Name: S. Carmack
Sampler's Company: Blaine Tech Services
Shipment Date:
Shipment Method:
Shipment Tracking No:

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
[signature] / BTS	09/07/06	1430	[signature] (Sample Custodian) / BTS	9/7/06	1430
[signature]	9/7/06	1610	[signature]	9/7/06	1610
[signature]	9/7/06	1715	JULIE NG. (MH) 9/7/06	~~9/8~~	~~0845~~ 1715

Special Instructions: CC to bpedf@broadbentinc.com

Custody Seals In Place Yes ___ No ✓ Temp Blank Yes X No ___ Cooler Temperature on Receipt 2.0 °F/C Trip Blank Yes X No ___

Distribution: White Copy - Laboratory / Yellow Copy - BP/Atlantic Richfield Co. / Pink Copy - Consultant/Contractor

BP COC Rev. 4 10/1/04

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP
REC. BY (PRINT): JULIE NE
WORKORDER: MPI0197

DATE REC'D AT LAB: 9/7/06
TIME REC'D AT LAB: 1715
DATE LOGGED IN: 9/8/06

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; Intact / Broken*									
2. Chain-of-Custody Present / Absent*									
3. Traffic Reports or Packing List: Present / Absent									
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #: —									
6. Sample Labels: Present / Absent									
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper preservatives used? Yes / No*									
13. Trip Blank / Temp. Blank Received? (circle which if yes) Yes / No*									
14. Read Temp: 5.0 °C									
Corrected Temp: —									
Is corrected temp 4° / 2°C? Yes / No** (Acceptance range for samples requiring thermal pres.)									
Exception (if any): METALS / DIFFICULT or Problem COC									

Julie NE 9/8/06 See COC

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

WELL GAUGING DATA

Project # 060807-5C1 Date 09/07/06 Client ARCO 5387

Site 20200 Hesperian Blvd. Hayward, CA

Well ID	Time	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	Notes
MW-1	1040	2					9.62	28.41		
MW-2	1046	2					10.77	27.91		
MW-3	0931	2					8.66	27.98		G.O
A-4	1035	3					11.65	34.65		G.O
A-5	0905	3					11.14	29.52		G.O
A-6	0911	3					11.18	34.45		G.O
A-7	1059	3					12.64	34.90		
A-8	0923	2					9.24	33.52		G.O
A-9	0918	2					10.98	33.22		G.O
A-10	1052	2					11.85	33.22		G.O
AR-1	0942	6	Gauged w/ tubing in well				9.83	33.97		NP
AR-2	1012	6					10.69	35.18		NP

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060907-SC1	Station # 20200 Hesperian Blvd. Hayward, CA
Sampler: SC	Date: 09/07/06
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 28.41	Depth to Water: 9.62
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
- X 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.

3.1 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 9.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1210	68.7	7.0	926	3.1	Cldy brown
1215	68.8	7.0	922	6.2	" "
1220	68.5	7.0	920	9.3	" "

Did well dewater? Yes (No)

Gallons actually evacuated: 9.3

Sampling Time: 1230

Sampling Date: 09/07/06

Sample I.D.: MW-1

Laboratory: Pace Sequoia Other TA

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

Other: See COC

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.20	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060907-SC1	Station # 20200 Hesperian Blvd. Hayward, CA
Sampler: SC	Date: 09/07/06
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 27.91	Depth to Water: 10.77
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
- X 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.

2.8 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 8.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1310	70.3	7.0	838	2.8	cldy grey-brown; odor
1315	70.3	6.9	841	5.6	" " " "
1320	70.5	6.9	848	8.4	" " " "

Did well dewater? Yes (No)

Gallons actually evacuated: 8.4

Sampling Time: 1330

Sampling Date: 09/07/06

Sample I.D.: MW-2

Laboratory: Pace Sequoia Other TA

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.23	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

24.1
17.7
42.6

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060907-SC1	Station # 20300 Hesperian Blvd. Hayward, CA
Sampler: SC	Date: 09/07/06
Well I.D.: A-7	Well Diameter: 2 (3) 4 6 8
Total Well Depth: 34.90	Depth to Water: 12.64
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
- X Electric Submersible
- Extraction Pump
- Other: _____

Sampling Method:
- Bailer
- X 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
1126	68.5	6.7	1011	8.3	Cloudy brown,
1128	69.3	6.7	1007	16.6	clearer
1130	69.4	6.7	1007	24.9	"

Did well dewater? Yes (No) Gallons actually evacuated: 24.9

Sampling Time: 1135 Sampling Date: 09/07/06

Sample I.D.: A-7 Laboratory: Pace Sequoia Other TA

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.31	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060907-SC1	Station # 20200 Hesperian Blvd. Hayward, CA
Sampler: SC	Date: 09/07/06
Well I.D.: AR-1	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: 33.97	Depth to Water: 9.83
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 / X Disposable Bailer / Extraction Port / Other: ___

Top of Screen: NP

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

___ (1 Case Volume (Gals.)) X 3 (5c) (Specified Volumes) = ___ (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
0950	71.0	7.1	858	—	clear lt brown / no odor

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

Sampling Time: 0955 Sampling Date: 09/07/06

Sample I.D.: AR-1 Laboratory: Pace Sequoia Other TA

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.07	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060907-SC1	Station # 20200 Hesperian Blvd. Hayward, CA
Sampler: SC	Date: 09/07/06
Well I.D.: AR-2	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: 35.18	Depth to Water: 10.69
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 / X Disposable Bailer / Extraction Port / Other: ___

Top of Screen: NP

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1015	68.9	6.7	825	—	clear; no odor

Did well dewater? Yes (No)

Gallons actually evacuated: —

Sampling Time: 1020

Sampling Date: 09/07/06

Sample I.D.: AR-2

Laboratory: Pace Sequoia Other TA

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.31	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 BELSHIRE ENVIRONMENTAL TO SEAPORT ENVIRONMENTAL IN REDWOOD CITY, CALIFORNIA.

The contractor performing this work is BLAINE TECH SERVICES, INC. (BTS), 1680 Rogers Avenue, San Jose, CA 95112 (phone [408] 573-0555), 4731 Pell Drive #5, Sacramento, CA 95838. 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:

ARCO 5387

Station #

20200 Hesperian Blvd. Hayward, CA

Station Address

Total Gallons Collected From Groundwater Monitoring Wells: 42.6

added equip. rinse water 1.4

any other adjustments

TOTAL GALS. RECOVERED 44.0

loaded onto BTS vehicle # 22

BTS event #	time	date
060907-SC1	1330	09/07/06

signature

* *

REC'D AT	time	date
		/ /

unloaded by signature

WELLHEAD INSPECTION CHECKLIST
BP / GEM

Date 09/07/06

Site Address 20200 Hesperian Blvd. Hayward, CA

Job Number 060907-SC1 Technician S. Carmack

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1		X						
MW-2		X					X	
MW-3	X							
A-4	X							
A-5		X						
A-6		X						
A-7	X (SV)						X	
A-8							X	
A-9							X	
A-10							X	
AR-1	X							
AR-2	X							

NOTES: A-9=) Christy box ; A-8=) Cement Water box - no bolt holes
MW-2=) " " ; A-10=) Well box hit by some kind of const. equip. Lid no longer fits on box => box bent
A-7=) Christy box

APPENDIX B

GEOTRACKER UPLOAD CONFIRMATION

5387

Electronic Submittal Information

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

Your EDF file has been successfully uploaded!

Confirmation Number: 4025989890
Date/Time of Submittal: 10/20/2006 2:53:00 PM
Facility Global ID: T0600101368
Facility Name: ARCO
Submittal Title: 3Q06 GW Monitoring
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) **Local Agency (lead agency) - Case #: 817** ALAMEDA COUNTY LOP - **(SP)**

CONF #	TITLE	QUARTER
4025989890	3Q06 GW Monitoring	Q3 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Broadbent & Associates, Inc.	10/20/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	5
# FIELD POINTS WITH DETECTIONS	3
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,8260TPH
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	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

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

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

5387

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:	**3Q06 GEO_WELL**
Submittal Date/Time:	**10/20/2006 2:58:29 PM**
Confirmation Number:	**7188703775**

Back to Main Menu

Logged in as BROADBENT-C
(CONTRACTOR)

CONTACT SITE ADMINISTRATOR.