



Atlantic Richfield Company
(a BP affiliated company)



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

July 8, 2005

Alameda County
JUL 18 2005
Environmental Health

**Re: Second Quarter 2005 Groundwater Monitoring Report
ARCO Service Station #0601
712 Lewelling Boulevard
San Leandro, California
ACEH Case #4275**

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

Submitted by:

Paul Supple
Environmental Business Manager



July 8, 2005

Ms. Donna Drogas
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, 2nd floor
Alameda, CA 94502

**Re: Second Quarter 2005 Groundwater Monitoring Report
ARCO Service Station #0601
712 Lewelling Boulevard
San Leandro, California
ACEH Case #4275**

Dear Ms Drogas:

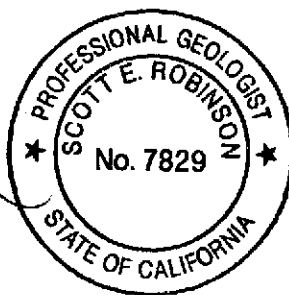
On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Second Quarter 2005 Groundwater Monitoring Report* for the ARCO Service Station #0601, located at 712 Lewelling Boulevard, San Leandro, California.

If you have any questions regarding this submission, please call (510) 874-3280.

Sincerely,

URS CORPORATION

Scott Robinson, P.G.
Project Manager



Enclosure: Second Quarter 2005 Groundwater Monitoring Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division, 835 East
14th Street, San Leandro, CA 94577

R E P O R T

SECOND QUARTER 2005 GROUNDWATER MONITORING REPORT

**ARCO SERVICE STATION #0601
712 LEWELLING BOULEVARD
SAN LEANDRO, CALIFORNIA**

Prepared for
RM

July 7, 2005

URS

**URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612**

Date: July 7, 2005

Quarter: 2Q 05

SECOND QUARTER 2005 GROUNDWATER MONITORING REPORT

Facility No.: 0601 Address: 712 Lewelling Boulevard, San Leandro, CA
RM Environmental Business Manager: Paul Supple
Consulting Co./Contact Person: URS Corporation / Scott Robinson
Primary Agency: Alameda County Environmental Health (ACEH)
ACEH Case #: 4275

WORK PERFORMED THIS QUARTER (Second – 2005):

1. Performed the second quarter 2005 groundwater monitoring event on April 14, 2005.

WORK PROPOSED FOR NEXT QUARTER (Third – 2005):

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

SITE SUMMARY:

Current Phase of Project:	<u>Groundwater monitoring/sampling</u>
Frequency of Groundwater Sampling:	<u>Quarterly: MW-1, MW-3 through MW-6</u> <u>Annual (3rd Quarter): MW-2, MW-7, MW-8, MW-9, MW-10, MW-14 and MW-15</u>
Frequency of Groundwater Monitoring:	<u>Quarterly</u>
Is Free Product (FP) Present On-Site:	<u>No</u>
Cumulative FP Recovered to Date:	<u>No</u>
Bulk Soil Removed to Date:	<u>1,565 cubic yards of TPH impacted soil</u>
Current Remediation Techniques:	<u>None</u>
Approximate Depth to Groundwater:	<u>5.40 (MW-15) to 7.95 (MW-7) feet</u>
Groundwater Gradient (direction):	<u>Variable: Northwest to Southwest</u>
Groundwater Gradient (magnitude):	<u>Variable: 0.005 to 0.02 feet per foot</u>

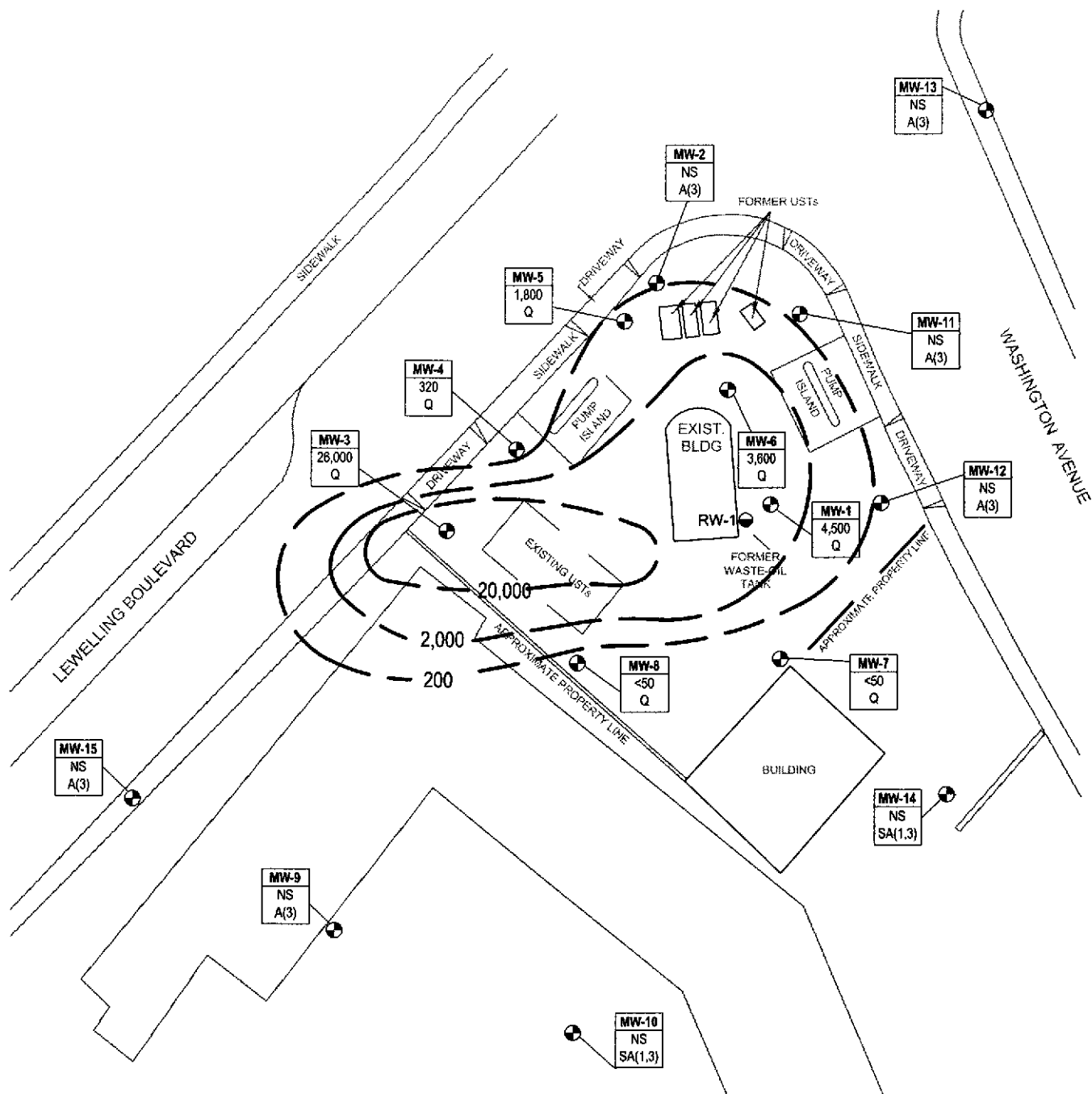
DISCUSSION:

Gasoline range organics were detected at or above the laboratory reporting limit in all five of the five wells sampled this quarter at concentrations ranging from 320 micrograms per liter ($\mu\text{g/L}$) (MW-4) to 26,000 $\mu\text{g/L}$ (MW-3). Benzene was detected at or above the laboratory reporting limit in all five wells at concentrations ranging from 16 $\mu\text{g/L}$ (MW-4) to 410 $\mu\text{g/L}$ (MW-6). Ethylbenzene was detected at or above the laboratory reporting limit in all five wells at concentrations ranging from 1.4 $\mu\text{g/L}$ (MW-4) to 1,500 $\mu\text{g/L}$ (MW-3). Toluene was detected at or above the laboratory reporting limit in four wells at concentrations ranging from 0.69 $\mu\text{g/L}$ (MW-4) to 200 $\mu\text{g/L}$ (MW-3). Xylenes were detected at or above the laboratory reporting limit in all five wells at concentrations ranging from 17 $\mu\text{g/L}$ (MW-1) to 5,000 $\mu\text{g/L}$ (MW-3). Methyl-tert-butyl ether was detected at or above the laboratory reporting limit in three wells at concentrations ranging from 4.5 $\mu\text{g/L}$ (MW-4) to 210 $\mu\text{g/L}$ (MW-6). Tert-amyl methyl ether (TAME) was detected at or above the laboratory reporting limit in three wells at concentrations ranging from 0.61 $\mu\text{g/L}$ (MW-4) to 56 $\mu\text{g/L}$ (MW-6). Well MW-1 was analyzed for semivolatile organic compounds (SVOCs) by EPA method 8270C. Bis (2-ethylhexyl) phthalate, 2-methyl-naphthalene and naphthalene were detected at or above the laboratory reporting limit at concentrations of 140 $\mu\text{g/L}$ and 490 $\mu\text{g/L}$, respectively, for a total SVOC concentration of 630 $\mu\text{g/L}$.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – April 14, 2005
- Figure 2 – GRO Isoconcentration Map – April 14, 2005
- Figure 3 – Benzene Isoconcentration Map – April 14, 2005
- Figure 4 – MTBE Isoconcentration Map – April 14, 2005
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 – Groundwater Flow Direction and Gradient
- Table 4 – Volatile and Semivolatile Organic Compounds Data
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports and Chain-of-Custody Records
- Attachment C – Error Check Reports and EDF/Geowell Submittal Confirmations

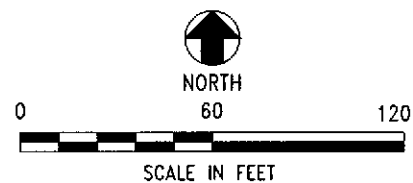
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LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 200 GRO ISOCONCENTRATION CONTOUR (µg/L)
- Well WELL DESIGNATION
- GRO GRO CONCENTRATIONS (µg/L)
- A/Q/SA SAMPLING FREQUENCY
- < NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
- A(3) SAMPLED ANNUALLY, 3RD QUARTER
- SA(1,3) SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS
- Q SAMPLED QUARTERLY

NOTES:
SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES.
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.
GROUNDWATER CONTOURS CALCULATED BY AUTODESK LAND DESKTOP.



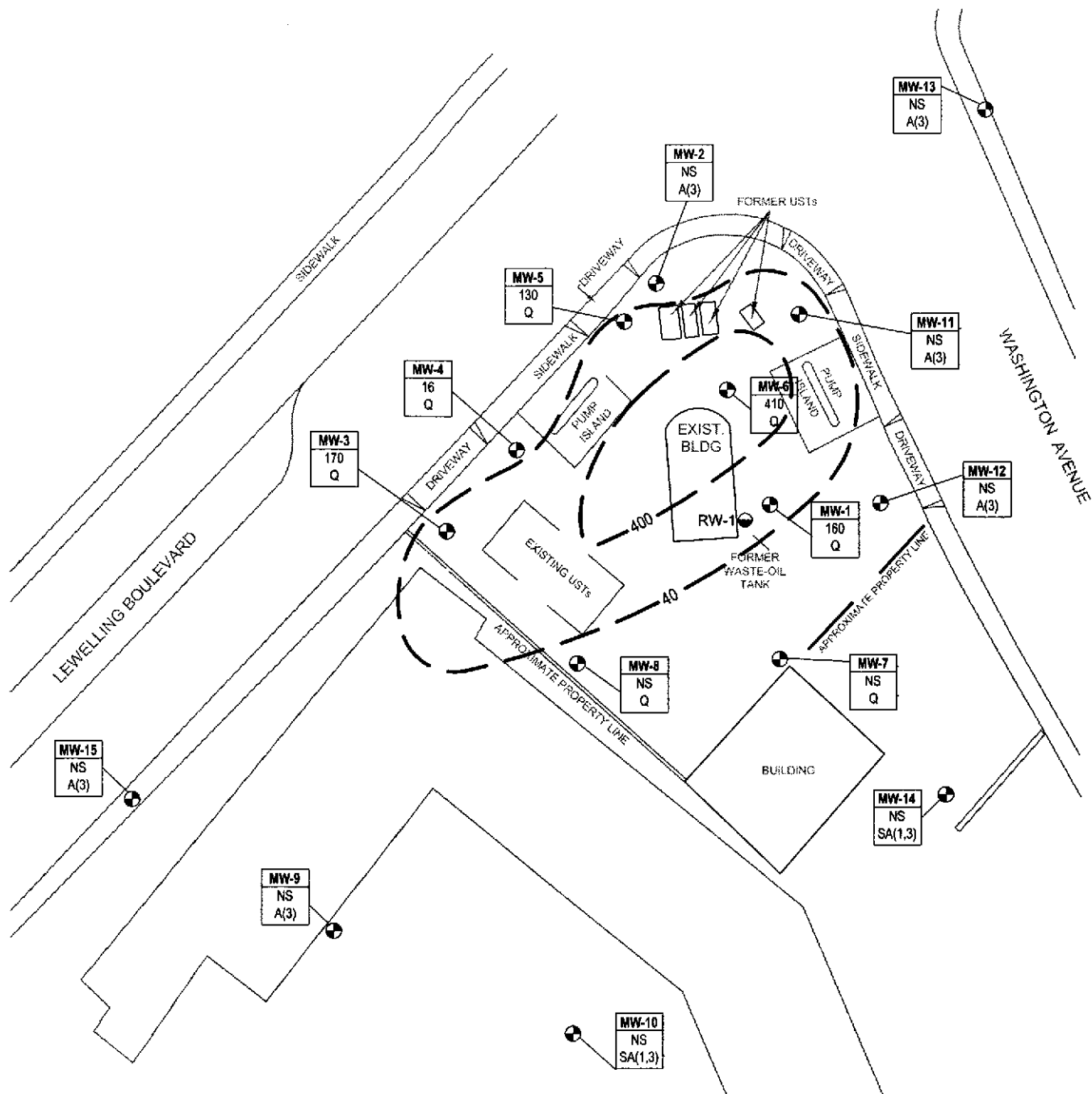
URS

Project No. 38487167
ARCO Service Station #0601
712 Lewelling Boulevard
San Leandro, California

GRO ISOCONCENTRATION MAP
Second Quarter 2005 (April 14, 2005)

FIGURE
2

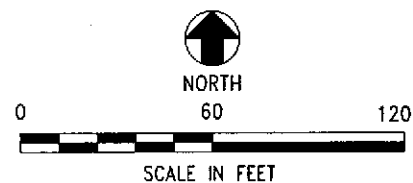
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LEGEND

- ⊕ GROUNDWATER MONITORING WELL
- ⊙ SOIL VAPOR EXTRACTION WELL
- 500 — BENZENE ISOCONCENTRATION CONTOUR (µg/L)
- | | |
|---------|-------------------------------|
| Well | WELL DESIGNATION |
| Benzene | BENZENE CONCENTRATIONS (µg/L) |
| AQ/SA | SAMPLING FREQUENCY |
- < NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
- A(3) SAMPLED ANNUALLY, 3RD QUARTER
- SA(1,3) SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS
- Q SAMPLED QUARTERLY

NOTES:
 SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES.
 SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.
 GROUNDWATER CONTOURS CALCULATED BY AUTODESK LAND DESKTOP.



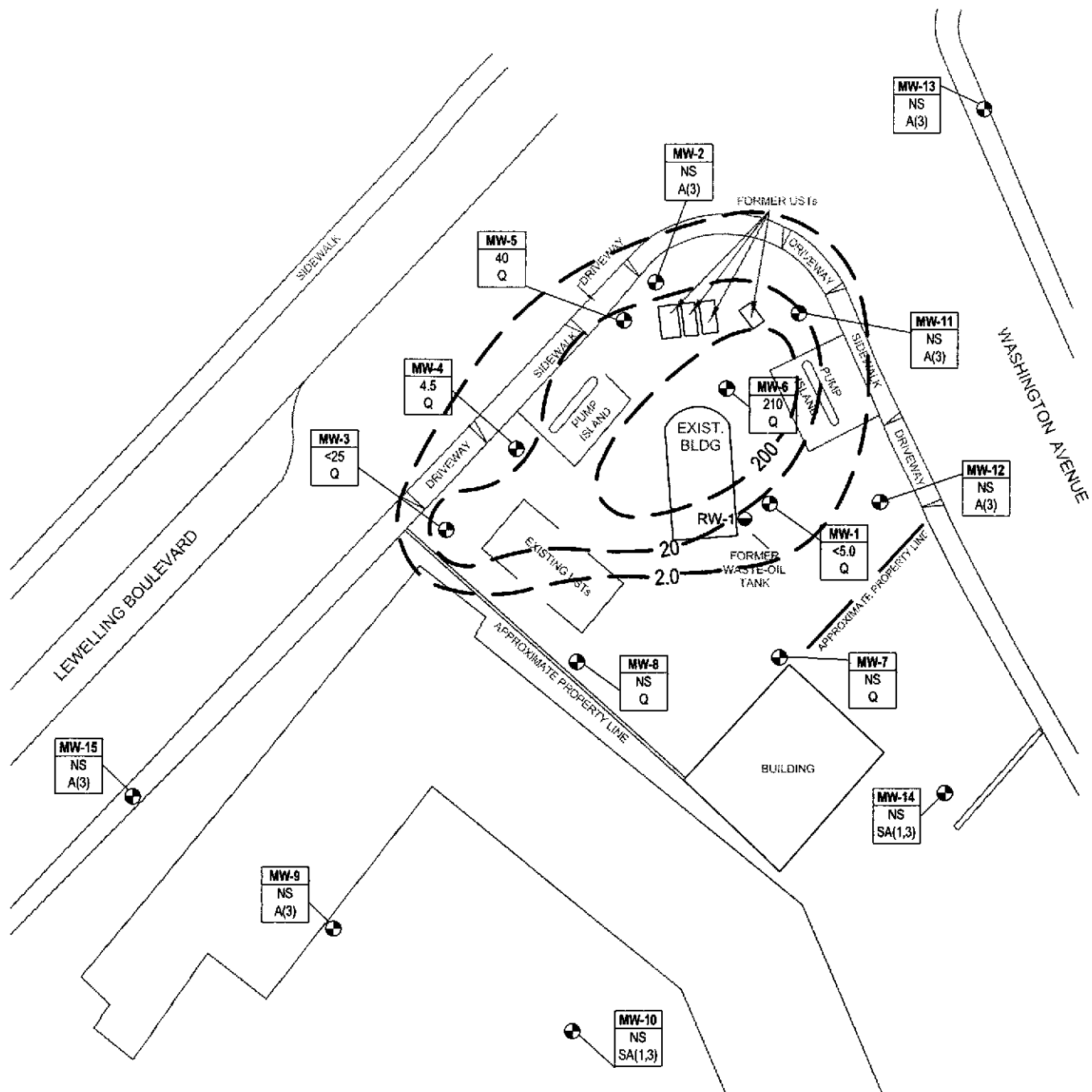
URS

Project No. 38487167
ARCO Service Station #0601
712 Levee Boulevard
San Leandro, California

BENZENE ISOCONCENTRATION MAP
Second Quarter 2005 (April 14, 2005)

FIGURE

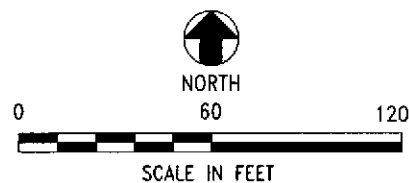
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LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 200 — MTBE ISOCONCENTRATION CONTOUR (µg/L)
- Well — WELL DESIGNATION
- MTBE — MTBE CONCENTRATIONS (µg/L)
- A/Q/SA — SAMPLING FREQUENCY
- < — NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
- A(3) — SAMPLED ANNUALLY, 3RD QUARTER
- SA(1,3) — SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS
- Q — SAMPLED QUARTERLY

NOTES:
SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES.
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.
GROUNDWATER CONTOURS CALCULATED BY AUTODESK LAND DESKTOP.



URS

Project No. 38487167
ARCO Service Station #0601
712 Lewelling Boulevard
San Leandro, California

MTBE ISOCONCENTRATION MAP
Second Quarter 2005 (April 14, 2005)

FIGURE

4

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-1	1/9/1991	--	i, l	22.98	7.00	12.00	10.80	9.47	13.51	--	--	--	--	--	--	--	--	--
	4/16/1991	--	a	22.98	7.00	12.00	10.80	6.12	16.86	--	--	--	--	--	--	--	--	--
	6/10/1991	--	a	22.26	7.00	12.00	10.80	9.00	13.26	--	--	--	--	--	--	--	--	--
	10/10/1991	--	i, l	22.26	7.00	12.00	10.80	9.73	12.53	--	--	--	--	--	--	--	--	--
	3/23/1992	--	a	22.26	7.00	12.00	10.80	7.40	14.86	--	--	--	--	--	--	--	--	--
	6/8/1992	--	i, l	22.26	7.00	12.00	10.80	9.08	13.18	--	--	--	--	--	--	--	--	--
	9/15/1992	--	l	22.26	7.00	12.00	10.80	9.18	14.08	--	--	--	--	--	--	--	--	--
	11/16/1992	--	i, l	22.26	7.00	12.00	10.80	9.09	13.17	--	--	--	--	--	--	--	--	--
	2/16/1993	--	i, l	22.26	7.00	12.00	10.80	7.03	15.23	--	--	--	--	--	--	--	--	--
	5/13/1993	--	i, l	22.26	7.00	12.00	10.80	8.08	14.18	--	--	--	--	--	--	--	--	--
	8/17/1993	--	i, l	22.26	7.00	12.00	10.80	8.81	13.45	--	--	--	--	--	--	--	--	--
	11/8/1993	--	i, l	22.26	7.00	12.00	10.80	9.22	13.04	--	--	--	--	--	--	--	--	--
	2/14/1994	--	a	22.26	7.00	12.00	10.80	7.72	14.54	--	--	--	--	--	--	--	--	--
	5/5/1994	--	a	22.26	7.00	12.00	10.80	8.47	13.79	--	--	--	--	--	--	--	--	--
	8/4/1994	--	a	22.26	7.00	12.00	10.80	8.72	13.54	--	--	--	--	--	--	--	--	--
	11/20/1994	--	a	22.26	7.00	12.00	10.80	7.81	14.45	--	--	--	--	--	--	--	--	--
	3/17/1995	--		22.26	7.00	12.00	10.80	6.57	15.69	120,000	5,300	370	1,500	13,000	--	--	--	--
	6/1/1995	--		22.26	7.00	12.00	10.80	7.87	14.39	250,000	7,100	950	3,500	21,000	--	--	--	--
	8/31/1995	--	i, l	22.26	7.00	12.00	10.80	8.12	14.15	--	--	--	--	--	--	--	--	--
	11/27/1995	--		22.26	7.00	12.00	10.80	8.42	13.84	310,000	4,600	770	5,700	21,000	--	--	--	--
	2/22/1996	--	j	22.26	7.00	12.00	10.80	6.01	16.25	100,000	6,200	320	2,500	12,000	<1,000	--	--	--
	5/20/1996	--		22.26	7.00	12.00	10.80	7.03	15.23	340,000	6,600	240	4,500	22,000	<1,000	--	--	--
	8/26/1996	--		22.26	7.00	12.00	10.80	8.16	14.10	210,000	7,900	320	3,400	15,000	<1,000	--	--	--
	11/20/1996	--		22.26	7.00	12.00	10.80	7.84	14.42	62,000	5,900	77	2,000	7,700	<300	--	--	--
	3/24/1997	--		19.19	7.00	12.00	10.80	8.05	11.14	170,000	6,500	<200	2,400	9,900	<1,000	--	--	--
	5/23/1997	--		19.19	7.00	12.00	10.80	8.42	10.77	83,000	6,200	84	2,500	9,000	<300	--	--	--
	8/19/1997	--		19.19	7.00	12.00	10.80	8.65	10.54	83,000	4,500	<100	2,200	8,100	<600	--	--	--
	11/19/1997	--		19.19	7.00	12.00	10.80	8.54	10.65	250,000	4,400	<500	3,800	9,900	<3,000	--	--	--
	2/19/1998	--		19.19	7.00	12.00	10.80	5.57	13.62	74,000	2,500	120	2,200	4,100	<300	--	--	--
	4/23/1998	--		19.19	7.00	12.00	10.80	6.92	12.27	210,000	2,700	<500	4,200	8,300	<3,000	--	1.5	--
	7/27/1998	--		19.19	7.00	12.00	10.80	8.14	11.05	73,000	2,100	88	2,600	4,600	<300	--	1.0	--
	10/14/1998	--		19.19	7.00	12.00	10.80	8.58	10.61	47,000	2,900	<500	2,300	3,900	<300	--	1.5	--
	1/21/1999	--		19.19	7.00	12.00	10.80	7.48	11.71	45,000	1,400	64	2,100	2,400	<300	--	1.0	--
	5/6/1999	--		19.19	7.00	12.00	10.80	8.00	11.19	41,000	1,900	<20	2,800	3,400	<120	--	0.85	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-1	8/23/1999	--		19.19	7.00	12.00	10.80	8.56	10.63	26,000	1,700	52	1,600	1,500	<75	--	0.72	--
	10/28/1999	--		19.19	7.00	12.00	10.80	8.92	10.27	38,000	2,500	35	2,400	2,500	<200	--	0.7	--
	2/4/2000	--		19.19	7.00	12.00	10.80	8.48	10.71	19,000	960	13	1,200	860	<60	--	2.11	--
	6/20/2000	--		19.19	7.00	12.00	10.80	8.20	10.99	23,000	2,400	50	1,800	680	<200	--	--	--
	9/29/2000	--		19.19	7.00	12.00	10.80	8.55	10.64	23,600	2,880	<50	2,130	871	<250	--	--	--
	12/17/2000	--		19.19	7.00	12.00	10.80	8.28	10.91	21,600	1,980	<50	1,610	664	<250	--	--	--
	3/28/2001	--		19.19	7.00	12.00	10.80	8.13	11.06	19,800	2,310	<100	2,010	517	<500	--	--	--
	6/20/2001	--		19.19	7.00	12.00	10.80	8.60	10.59	17,000	2,200	23	1,800	320	100	--	--	--
	9/22/2001	--		19.19	7.00	12.00	10.80	9.03	10.16	20,000	2,900	<200	2,500	270	<1000	--	--	--
	12/27/2001	--		19.19	7.00	12.00	10.80	7.93	11.26	15,000	2,000	<50	1,700	140	290	--	--	--
	3/15/2002	--		19.19	7.00	12.00	10.80	7.89	11.30	12,000	1,800	<50	1,400	79	<250	--	--	--
	4/18/2002	--		19.19	7.00	12.00	10.80	7.05	12.14	16,000	3,000	180	2,600	320	<250	--	1.26	--
	7/23/2002	NP	e	19.19	7.00	12.00	10.80	8.70	10.49	14,000	3,200	<50	2,100	<50	<250	--	0.9	6.8
	10/16/2002	NP	d	19.19	7.00	12.00	10.80	9.12	10.07	14,000	2,100	<25	2,000	31	<120	--	0.8	7.1
	1/23/2003	NP	g	19.19	7.00	12.00	10.80	7.45	11.74	6,000	680	<50	800	<50	<50	--	0.9	6.8
	4/7/2003	--		19.19	7.00	12.00	10.80	7.68	11.51	6,400	940	6.6	810	11	69	--	1.1	6.9
	8/7/2003	--	a, k	19.19	7.00	12.00	10.80	8.75	--	12,000	1,500	27	1,700	42	160	--	--	6.4
	10/23/2003	NP	a	19.19	7.00	12.00	10.80	8.96	10.23	14,000	1,700	<25	1,600	<25	220	1470	--	--
	01/12/2004	P		19.19	7.00	12.00	10.80	7.99	11.20	8,800	1,100	<25	980	<25	140	1392	0.2	7.2
MW-2	04/20/2004	NP	a	24.78	7.00	12.00	10.80	8.87	15.91	12,000	1,600	<25	920	36	84	1780	1.5	6.6
	07/01/2004	NP	a	24.78	7.00	12.00	10.80	9.31	15.47	9,700	830	<10	580	11	100	886	0.8	6.7
	11/04/2004	NP		24.78	7.00	12.00	10.80	8.12	16.66	7,800	650	<5.0	300	12	130	1368	1.2	6.7
	01/10/2005	NP		24.78	7.00	12.00	10.80	7.06	17.72	6,000	280	<5.0	130	12	12	1280	1.05	6.9
	04/14/2005	NP		24.78	7.00	12.00	10.80	7.20	17.58	4,500	160	<5.0	320	17	<5.0	--	2.1	7.0
	04/20/2005	NP	q	24.78	7.00	12.00	10.80	7.05	17.73	--	--	--	--	--	--	630	--	6.6
	7/18/1990	--		22.06	8.00	12.00	12.10	7.86	14.20	35,000	3,800	2,900	690	3,600	--	--	--	--
	10/15/1990	--		22.06	8.00	12.00	12.10	8.61	13.45	6,400	650	290	110	560	--	--	--	--
	1/9/1991	--		22.06	8.00	12.00	12.10	8.43	13.63	13,000	1,500	970	390	1,500	--	--	--	--
	4/16/1991	--		22.06	8.00	12.00	12.10	6.97	15.09	54,000	5,200	9,000	1,500	7,700	--	--	--	--
MW-3	6/10/1991	--		21.33	8.00	12.00	12.10	7.91	13.42	26,000	3,000	2,500	880	4,200	--	--	--	--
	10/10/1991	--		21.33	8.00	12.00	12.10	8.82	12.51	10,000	1,600	910	280	1,400	--	--	--	--
	3/23/1992	--		21.33	8.00	12.00	12.10	6.86	14.47	33,000	4,100	5,000	1,100	5,300	--	--	--	--
	6/8/1992	--		21.33	8.00	12.00	12.10	7.95	13.38	18,000	1,200	980	330	1,800	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-2	9/15/1992	--		21.33	8.00	12.00	12.10	8.71	12.62	13,000	430	500	340	1,800	--	--	--	--
	11/16/1992	--		21.33	8.00	12.00	12.10	7.93	13.40	13,000	900	940	300	1,400	--	--	--	--
	2/16/1993	--		21.33	8.00	12.00	12.10	6.02	15.31	20,000	1,800	1,200	530	2,700	--	--	--	--
	5/13/1993	--		21.33	8.00	12.00	12.10	6.99	14.34	13,000	1,000	470	370	1,900	--	--	--	--
	8/17/1993	--		21.33	8.00	12.00	12.10	7.85	13.48	9,100	770	160	310	1,500	--	--	--	--
	11/8/1993	--		21.33	8.00	12.00	12.10	8.12	13.21	9,200	380	62	130	630	--	--	--	--
	2/14/1994	--		21.33	8.00	12.00	12.10	6.88	14.45	8,700	670	370	50	1,400	--	--	--	--
	5/5/1994	--		21.33	8.00	12.00	12.10	7.51	13.82	5,600	390	140	120	480	--	--	--	--
	8/4/1994	--	n (T, E)	21.33	8.00	12.00	12.10	8.00	13.33	2,300	180	<2.5	<2.5	230	--	--	--	--
	11/20/1994	--		21.33	8.00	12.00	12.10	6.86	14.47	4,900	170	150	120	390	--	--	--	--
	3/17/1995	--		21.33	8.00	12.00	12.10	6.12	15.21	10,000	460	77	260	550	--	--	--	--
	6/1/1995	--		21.33	8.00	12.00	12.10	6.56	14.77	13,000	400	78	210	410	--	--	--	--
	8/31/1995	--		21.33	8.00	12.00	12.10	7.18	14.15	5,000	280	18	120	140	<50	--	--	--
	11/27/1995	--		21.33	8.00	12.00	12.10	7.39	13.94	3,200	230	12	77	90	--	--	--	--
	2/22/1996	--		21.33	8.00	12.00	12.10	5.78	15.55	11,000	290	67	190	330	<50	--	--	--
	5/20/1996	--		21.33	8.00	12.00	12.10	6.27	15.06	--	--	--	--	--	--	--	--	--
	8/26/1996	--		21.33	8.00	12.00	12.10	7.30	14.03	--	--	--	--	--	--	--	--	--
	11/20/1996	--		21.33	8.00	12.00	12.10	7.28	14.05	--	--	--	--	--	--	--	--	--
	3/24/1997	--		21.12	8.00	12.00	12.10	7.11	14.01	4,800	570	6	71	32	67	--	--	--
	5/23/1997	--		21.12	8.00	12.00	12.10	7.44	13.68	--	--	--	--	--	--	--	--	--
	8/19/1997	--		21.12	8.00	12.00	12.10	7.64	13.48	--	--	--	--	--	--	--	--	--
	11/19/1997	--		21.12	8.00	12.00	12.10	7.70	13.42	--	--	--	--	--	--	--	--	--
	2/19/1998	--		21.12	8.00	12.00	12.10	5.22	15.90	2,000	160	50	66	230	25	--	--	--
	4/23/1998	--		21.12	8.00	12.00	12.10	6.24	14.88	--	--	--	--	--	--	--	--	--
	7/27/1998	--		21.12	8.00	12.00	12.10	7.02	14.10	--	--	--	--	--	--	--	--	--
	10/14/1998	--		21.12	8.00	12.00	12.10	7.54	13.58	--	--	--	--	--	--	--	--	--
	1/21/1999	--		21.12	8.00	12.00	12.10	7.15	13.97	1,700	84	4	31	10	13	--	0.5	--
	5/6/1999	--		21.12	8.00	12.00	12.10	6.95	14.17	--	--	--	--	--	--	--	--	--
	8/23/1999	--		21.12	8.00	12.00	12.10	7.49	13.63	--	--	--	--	--	--	--	0.68	--
	10/28/1999	--		21.12	8.00	12.00	12.10	7.92	13.20	--	--	--	--	--	--	--	--	--
	2/4/2000	--		21.12	8.00	12.00	12.10	6.61	14.51	--	--	--	--	--	--	--	--	--
	6/20/2000	--		21.12	8.00	12.00	12.10	7.12	14.00	--	--	--	--	--	--	--	--	--
	9/29/2000	--		21.12	8.00	12.00	12.10	7.60	13.52	--	--	--	--	--	--	--	--	--
	12/17/2000	--		21.12	8.00	12.00	12.10	7.42	13.70	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-2	3/28/2001	--		21.12	8.00	12.00	12.10	6.84	14.28	838	18.1	<5.0	7.63	5.98	39.5	--	--	--
	6/20/2001	--		21.12	8.00	12.00	12.10	7.66	13.46	--	--	--	--	--	--	--	--	--
	9/22/2001	--		21.12	8.00	12.00	12.10	8.08	13.04	--	--	--	--	--	--	--	--	--
	12/27/2001	--		21.12	8.00	12.00	12.10	6.48	14.64	--	--	--	--	--	--	--	--	--
	3/15/2002	--		21.12	8.00	12.00	12.10	6.84	14.28	100	<0.5	<0.5	2.5	<0.5	75	--	--	--
	4/18/2002	--		21.12	8.00	12.00	12.10	6.19	14.93	--	--	--	--	--	--	--	--	--
	7/23/2002	--		21.12	8.00	12.00	12.10	7.73	13.39	--	--	--	--	--	--	--	--	--
	10/16/2002	--		21.12	8.00	12.00	12.10	8.10	13.02	--	--	--	--	--	--	--	--	--
	1/23/2003	P	g	21.12	8.00	12.00	12.10	6.52	14.60	<5,000	<50	<50	<50	<50	95	--	1.6	7.2
	4/7/2003	--		21.12	8.00	12.00	12.10	7.22	13.90	--	--	--	--	--	--	--	--	--
	8/7/2003	--		21.12	8.00	12.00	12.10	7.84	13.28	--	--	--	--	--	--	--	--	--
	10/23/2003	P	m	21.12	8.00	12.00	12.10	7.95	13.17	<250	<2.5	<2.5	<2.5	4.2	68	--	--	--
	01/12/2004	--		21.12	8.00	12.00	12.10	6.60	14.52	--	--	--	--	--	--	--	--	--
	04/20/2004	--		23.87	8.00	12.00	12.10	8.32	15.55	--	--	--	--	--	--	--	--	--
	07/01/2004	P	o	23.87	8.00	12.00	12.10	8.96	14.91	72	<0.50	<0.50	<0.50	<0.50	72	--	2.1	6.9
	11/04/2004	--		23.87	8.00	12.00	12.10	7.30	16.57	--	--	--	--	--	--	--	--	--
	01/10/2005	--		23.87	8.00	12.00	12.10	5.87	18.00	--	--	--	--	--	--	--	--	--
	04/14/2005	--		23.87	8.00	12.00	12.10	5.75	18.12	--	--	--	--	--	--	--	--	--
MW-3	7/18/1990	--		20.84	8.00	12.00	11.85	7.03	13.81	--	--	--	--	--	--	--	--	--
	10/15/1990	--	i, l	20.84	8.00	12.00	11.85	8.19	12.65	--	--	--	--	--	--	--	--	--
	1/9/1991	--	i, l	20.84	8.00	12.00	11.85	7.46	13.38	--	--	--	--	--	--	--	--	--
	4/16/1991	--	a	20.84	8.00	12.00	11.85	7.95	12.89	--	--	--	--	--	--	--	--	--
	6/10/1991	--	a	20.11	8.00	12.00	11.85	7.14	12.97	--	--	--	--	--	--	--	--	--
	10/10/1991	--	i, l	20.11	8.00	12.00	11.85	7.82	12.29	--	--	--	--	--	--	--	--	--
	3/23/1992	--	a	20.11	8.00	12.00	11.85	5.75	14.36	--	--	--	--	--	--	--	--	--
	6/8/1992	--	i, l	20.11	8.00	12.00	11.85	7.52	12.59	--	--	--	--	--	--	--	--	--
	9/15/1992	--	i, l	20.11	8.00	12.00	11.85	8.01	12.10	--	--	--	--	--	--	--	--	--
	11/16/1992	--	a	20.11	8.00	12.00	11.85	7.11	13.00	--	--	--	--	--	--	--	--	--
	2/16/1993	--	i, l	20.11	8.00	12.00	11.85	5.93	14.18	--	--	--	--	--	--	--	--	--
	5/13/1993	--	i, l	20.11	8.00	12.00	11.85	6.37	13.74	--	--	--	--	--	--	--	--	--
	8/17/1993	--	i, l	20.11	8.00	12.00	11.85	7.00	13.11	--	--	--	--	--	--	--	--	--
	11/8/1993	--		20.11	8.00	12.00	11.85	7.31	12.80	430,000	4,100	14,000	6,400	37,000	--	--	--	--
	2/14/1994	--		20.11	8.00	12.00	11.85	5.81	14.30	85,000	4,200	12,000	2,500	16,000	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-3	5/5/1994	--		20.11	8.00	12.00	11.85	6.81	13.30	560,000	4,600	14,000	5,300	40,000	--	--	--	--
	8/4/1994	--		20.11	8.00	12.00	11.85	7.31	12.80	64,000	4,200	7,600	1,700	12,000	--	--	--	--
	11/20/1994	--		20.11	8.00	12.00	11.85	5.88	14.23	80,000	4,700	9,700	2,400	15,000	--	--	--	--
	3/17/1995	--		20.11	8.00	12.00	11.85	5.46	14.65	370,000	4,800	12,000	5,800	34,000	--	--	--	--
	6/1/1995	--		20.11	8.00	12.00	11.85	6.34	13.77	270,000	6,000	11,000	5,200	28,000	--	--	--	--
	8/31/1995	--	i, l	20.11	8.00	12.00	11.85	6.60	13.52	--	--	--	--	--	--	--	--	--
	11/27/1995	--		20.11	8.00	12.00	11.85	6.76	13.35	150,000	5,100	8,800	3,900	21,000	--	--	--	--
	2/22/1996	--		20.11	8.00	12.00	11.85	5.14	14.97	150,000	4,400	7,600	4,100	22,000	<3,000	--	--	--
	5/20/1996	--		20.11	8.00	12.00	11.85	5.17	14.94	410,000	4,700	8,000	6,300	36,000	<3,000	--	--	--
	8/26/1996	--		20.11	8.00	12.00	11.85	7.04	13.07	260,000	4,000	6,100	4,200	24,000	<2,000	--	--	--
	11/20/1996	--		20.11	8.00	12.00	11.85	6.26	13.85	190,000	3,200	5,800	3,300	20,000	<1,000	--	--	--
	3/24/1997	--		22.99	8.00	12.00	11.85	6.94	16.05	430,000	2,700	7,600	7,000	39,000	<5,000	--	--	--
	5/23/1997	--		22.99	8.00	12.00	11.85	6.98	16.01	130,000	2,100	4,300	3,500	19,000	<700	--	--	--
	8/19/1997	--		22.99	8.00	12.00	11.85	7.25	15.74	100,000	2,000	3,200	<100	19,000	<600	--	--	--
	11/19/1997	--		22.99	8.00	12.00	11.85	7.25	15.74	93,000	1,700	2,400	2,800	16,000	<600	--	--	--
	2/19/1998	--		22.99	8.00	12.00	11.85	5.24	17.75	80,000	620	1,200	2,500	13,000	<600	--	--	--
	4/23/1998	--		22.99	8.00	12.00	11.85	6.60	16.39	130,000	1,500	2,400	3,500	18,000	<600	--	3.5	--
	7/27/1998	--		22.99	8.00	12.00	11.85	7.00	15.99	140,000	920	1,500	2,400	13,000	<600	--	1.0	--
	10/14/1998	--		22.99	8.00	12.00	11.85	7.04	15.95	300,000	1,200	2,400	5,700	32,000	970	--	1.0	--
	1/21/1999	--		22.99	8.00	12.00	11.85	6.50	16.49	120,000	860	1,500	2,600	14,000	<600	--	0.5	--
	5/6/1999	--		22.99	8.00	12.00	11.85	6.90	16.09	49,000	670	1,400	2,500	11,000	170	--	1.03	--
	8/23/1999	--		22.99	8.00	12.00	11.85	6.53	16.46	51,000	440	930	2,200	9,200	<150	--	0.67	--
	10/28/1999	--		22.99	8.00	12.00	11.85	7.50	15.49	1,400,00	830	4,100	15,000	78,000	<5,000	--	0.77	--
	2/4/2000	--		22.99	8.00	12.00	11.85	6.21	16.78	<50	<0.5	<0.5	<0.5	<1	650	--	1.61	--
	6/20/2000	--		22.99	8.00	12.00	11.85	6.22	16.77	45,000	670	990	2,400	12,000	<500	--	--	--
	9/29/2000	--		22.99	8.00	12.00	11.85	7.20	15.79	51,000	860	1,120	2,720	12,900	<250	--	--	--
	12/17/2000	--		22.99	8.00	12.00	11.85			--	--	--	--	--	--	--	--	--
	3/28/2001	--		22.99	8.00	12.00	11.85	6.10	16.89	43,500	804	<200	250	11,000	<1,000	--	--	--
	6/20/2001	--		22.99	8.00	12.00	11.85	6.14	16.85	62,000	1,000	850	2,800	13,000	<2,500	--	--	--
	9/22/2001	--		22.99	8.00	12.00	11.85	7.24	15.75	53,000	1,200	1,200	3,100	13,000	<1,000	--	--	--
	12/27/2001	--		22.99	8.00	12.00	11.85	7.00	15.99	44,000	860	840	2,300	10,000	<250	--	--	--
	3/15/2002	--		22.99	8.00	12.00	11.85	7.02	15.97	43,000	1,000	810	2,300	11,000	<250	--	--	--
	4/18/2002	--		22.99	8.00	12.00	11.85			--	--	--	--	--	--	--	--	--
	7/23/2002	P	d	22.99	8.00	12.00	11.85	7.22	15.77	45,000	750	570	2,100	10,000	<250	--	1	8

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-3	10/16/2002	P	d	22.99	8.00	12.00	11.85	7.54	15.45	42,000	780	620	2,500	11,000	<250	--	1.4	7.7
	1/23/2003	P	g	22.99	8.00	12.00	11.85	6.85	16.14	68,000	580	500	3,300	16,000	<100	--	1.3	7
	4/7/2003	--		22.99	8.00	12.00	11.85	7.05	15.94	48,000	620	450	2,200	11,000	<50	--	1.4	6.9
	8/7/2003	--	m	--	8.00	12.00	11.85	6.89	--	35,000	360	250	1,700	8,100	<100	--	2.4	8.9
	10/23/2003	P	m	22.99	8.00	12.00	11.85	7.05	15.94	36,000	340	250	1,700	8,300	<25	--	--	--
	01/12/2004	NP		22.99	8.00	12.00	11.85	5.93	17.06	1,100	<5.0	<5.0	<5.0	34	<5.0	--	3.2	9.5
	04/20/2004	P		22.63	8.00	12.00	11.85	7.60	15.03	30,000	210	170	1,700	7,300	<50	--	1.6	7.8
	07/01/2004	P	a	22.63	8.00	12.00	11.85	7.76	14.87	33,000	190	190	1,300	6,300	<50	--	2.3	7.4
	11/04/2004	--	p	22.63	8.00	12.00	11.85	--	--	--	--	--	--	--	--	--	--	--
	11/23/2004	P		22.63	8.00	12.00	11.85	6.75	15.88	32,000	150	160	1,400	7,100	<50	--	1.2	7.5
	01/10/2005	P		22.63	8.00	12.00	11.85	4.75	17.88	34,000	180	150	1,400	6,900	<100	--	0.7	7.0
	04/14/2005	P		22.63	8.00	12.00	11.85	5.60	17.03	26,000	170	200	1,500	5,000	<25	--	2.3	7.0
MW-4	6/10/1991	--	b	20.75	6.00	9.00	--			--	--	--	--	--	--	--	--	--
	10/10/1991	--	b	20.75	6.00	9.00	--			15,000	5,300	1,500	470	1,300	--	--	--	--
	3/23/1992	--	b	20.75	6.00	9.00	--			24,000	5,600	4,000	580	3,100	--	--	--	--
	6/8/1992	--	b	20.75	6.00	9.00	--			5,700	2,000	170	92	270	--	--	--	--
	9/15/1992	--	b	20.75	6.00	9.00	--			--	--	--	--	--	--	--	--	--
	11/16/1992	--	b	20.75	6.00	9.00	--			--	--	--	--	--	--	--	--	--
	2/16/1993	--		20.75	6.00	9.00	--	7.10	13.65	12,000	920	1,100	130	750	--	--	--	--
	5/13/1993	--		20.75	6.00	9.00	--	7.02	13.73	19,000	2,900	2,800	360	1,900	--	--	--	--
	8/17/1993	--		20.75	6.00	9.00	--	7.85	12.90	8,100	1,600	1,300	170	730	--	--	--	--
	11/8/1993	--	b	20.75	6.00	9.00	--			2,000	540	110	10	240	--	--	--	--
	2/14/1994	--	b	20.75	6.00	9.00	--			--	--	--	--	--	--	--	--	--
	5/5/1994	--		20.75	6.00	9.00	--	7.73	13.02	1,900	510	78	31	150	--	--	--	--
	8/4/1994	--	n (E)	20.75	6.00	9.00	--	7.83	12.92	1,300	360	17	<5	190	--	--	--	--
	11/20/1994	--		20.75	6.00	9.00	--	7.73	13.02	<50	2.9	0.5	<0.5	1.4	--	--	--	--
	3/17/1995	--		20.75	6.00	9.00	--	6.65	14.10	16,000	1,800	970	310	2,500	--	--	--	--
	6/1/1995	--		20.75	6.00	9.00	--	7.25	13.50	16,000	2,800	870	380	2,700	--	--	--	--
	8/31/1995	--		20.75	6.00	9.00	--	7.75	13.00	9,000	2,000	270	270	1,400	<100	--	--	--
	11/27/1995	--		20.75	6.00	9.00	--	7.87	12.88	3,800	890	130	130	550	--	--	--	--
	2/22/1996	--		20.75	6.00	9.00	--	7.29	13.46	940	150	82	19	130	<20	--	--	--
	5/20/1996	--		20.75	6.00	9.00	--	7.30	13.45	6,700	1,100	330	120	1,100	<100	--	--	--
	8/26/1996	--		20.75	6.00	9.00	--	7.57	13.18	14,000	2,400	510	350	2,100	<100	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-4	11/20/1996	--		20.75	6.00	9.00	--	7.89	12.86	420	55	17	11	62	<3	--	--	--
	3/24/1997	--		22.38	6.00	9.00	--	6.90	15.48	6,800	620	150	81	1,300	<50	--	--	--
	5/23/1997	--		22.38	6.00	9.00	--	7.80	14.58	9,000	1,300	240	200	1,600	<60	--	--	--
	8/19/1997	--	b	22.38	6.00	9.00	--			--	--	--	--	--	--	--	--	--
	11/19/1997	--	b, j	22.38	6.00	9.00	--			3700	600	93	120	710	<60	--	--	--
	2/19/1998	--		22.38	6.00	9.00	--	6.78	15.60	1,800	93	51	29	420	110	--	--	--
	4/23/1998	--		22.38	6.00	9.00	--	6.47	15.91	6,500	700	110	180	1,300	93	--	0.5	--
	7/27/1998	--		22.38	6.00	9.00	--	7.22	15.16	10,000	1,400	140	290	1,900	<120	--	1.5	--
	10/14/1998	--		22.38	6.00	9.00	--	7.60	14.78	6,500	900	63	200	1,200	63	--	1	--
	1/21/1999	--		22.38	6.00	9.00	--	7.43	14.95	1,700	140	22	56	320	13	--	0.5	--
	5/6/1999	--		22.38	6.00	9.00	--	6.55	15.83	3,300	250	36	73	890	41	--	1.28	--
	8/23/1999	--		22.38	6.00	9.00	--	7.16	15.22	7,400	500	73	230	1,700	57	--	0.89	--
	10/28/1999	--		22.38	6.00	9.00	--	8.28	14.10	370	41	5.7	14	52	16	--	0.92	--
	2/4/2000	--		22.38	6.00	9.00	--	8.23	14.15	310	33	7.5	11	65	8	--	2.43	--
	6/20/2000	--		22.38	6.00	9.00	--	6.46	15.92	2,700	210	20	94	520	46	--	--	--
	9/29/2000	--	b	22.38	6.00	9.00	--			--	--	--	--	--	--	--	--	--
	12/17/2000	--	b	22.38	6.00	9.00	--			--	--	--	--	--	--	--	--	--
	3/28/2001	--	b	22.38	6.00	9.00	--	7.49	14.89	--	--	--	--	--	--	--	--	--
	6/20/2001	--		22.38	6.00	9.00	--	7.21	15.17	13,000	690	170	330	1,400	110	--	--	--
	9/22/2001	--		22.38	6.00	9.00	--	7.43	14.95	6,700	650	110	410	1,800	100	--	--	--
	12/27/2001	--		22.38	6.00	9.00	--	7.32	15.06	1,200	47	15	46	250	15	--	--	--
	3/15/2002	--		22.38	6.00	9.00	--	7.43	14.95	490	34	7.4	26	110	12	--	--	--
	4/18/2002	--		22.38	6.00	9.00	--	7.00	15.38	<50	0.57	0.83	<0.5	1.1	3.7	--	--	--
	7/23/2002	NP	d	22.38	6.00	9.00	--	7.70	14.68	820	80	12	23	190	41	--	2.2	7.3
	10/16/2002	NP	d	22.38	6.00	9.00	--	7.75	14.63	2,000	220	25	140	570	<25	--	1.8	7.6
	1/23/2003	NP	g	22.38	6.00	9.00	--	7.11	15.27	<250	<2.5	<2.5	<2.5	8.8	5.9	--	1.7	7
	4/7/2003	--		22.38	6.00	9.00	--	7.19	15.19	310	24	2.4	15	62	9.2	--	1.1	7.1
	8/7/2003	--	m	--	6.00	9.00	--	7.45	--	3,000	280	<25	150	700	<25	--	1.2	6.8
	10/23/2003	NP	m	22.38	6.00	9.00	--	7.59	14.79	1,700	150	7.6	83	320	12	--	--	--
	01/12/2004	NP		22.38	6.00	9.00	--	7.40	14.98	260	4.4	<2.5	<2.5	27	4.3	--	2.4	7.3
	04/20/2004	NP		23.32	6.00	9.00	--	7.38	15.94	1,500	160	<5.0	50	320	12	--	1.4	7.1
	07/01/2004	NP		23.32	6.00	9.00	--	7.78	15.54	1,800	150	5.2	16	260	15	--	1.9	7.0
	11/04/2004	NP		23.32	6.00	9.00	--	7.75	15.57	640	38	1.9	2.1	110	5.7	--	1.9	7.0
	01/10/2005	NP		23.32	6.00	9.00	--	7.54	15.78	<50	1.1	<0.50	<0.50	0.96	2.5	--	1.61	7.0

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-4	04/14/2005	NP		23.32	6.00	9.00	--	7.20	16.12	320	16	0.69	1.4	48	4.5	--	2.5	7.0
MW-5	6/10/1991	--		20.9	6.00	10.50	--	7.58	13.32	100,000	25,000	20,000	2,600	12,000	--	--	--	--
	10/10/1991	--	a	20.9	6.00	10.50	--	8.51	12.39	--	--	--	--	--	--	--	--	--
	3/23/1992	--		20.9	6.00	10.50	--	6.06	14.84	150,000	24,000	31,000	4,400	23,000	--	--	--	--
	6/8/1992	--		20.9	6.00	10.50	--	7.66	13.24	120,000	17,000	13,000	2,400	11,000	--	--	--	--
	9/15/1992	--	I	20.9	6.00	10.50	--	8.40	12.50	--	--	--	--	--	--	--	--	--
	11/16/1992	--		20.9	6.00	10.50	--	7.70	13.20	110,000	16,000	16,000	3,200	18,000	--	--	--	--
	2/16/1993	--		20.9	6.00	10.50	--	5.64	15.26	150,000	12,000	15,000	3,000	17,000	--	--	--	--
	5/13/1993	--	I	20.9	6.00	10.50	--	6.68	14.22	--	--	--	--	--	--	--	--	--
	8/17/1993	--		20.9	6.00	10.50	--	7.49	13.41	87,000	15,000	8,500	1,900	11,000	--	--	--	--
	11/8/1993	--		20.9	6.00	10.50	--	7.93	12.97	87,000	12,000	8,300	2,000	12,000	--	--	--	--
	2/14/1994	--		20.9	6.00	10.50	--	6.49	14.41	46,000	7,300	5,300	940	5,200	--	--	--	--
	5/5/1994	--		20.9	6.00	10.50	--	7.18	13.72	54,000	9,700	4,700	1,000	6,400	--	--	--	--
	8/4/1994	--		20.9	6.00	10.50	--	7.83	13.07	57,000	14,000	3,200	1,200	7,200	--	--	--	--
	11/20/1994	--		20.9	6.00	10.50	--	6.34	14.56	33,000	5,700	1,800	720	4,700	--	--	--	--
	3/17/1995	--		20.9	6.00	10.50	--	5.51	15.39	48,000	6,400	2,000	740	5,100	--	--	--	--
	6/1/1995	--		20.9	6.00	10.50	--	6.55	14.35	76,000	11,000	5,400	1,400	7,700	--	--	--	--
	8/31/1995	--		20.9	6.00	10.50	--	6.80	14.10	53,000	12,000	1,600	1,000	6,000	<500	--	--	--
	11/27/1995	--		20.9	6.00	10.50	--	7.13	13.77	43,000	7,900	3,300	950	4,900	--	--	--	--
	2/22/1996	--		20.9	6.00	10.50	--	5.12	15.78	52,000	9,100	3,300	940	5,000	<500	--	--	--
	5/20/1996	--		20.9	6.00	10.50	--	5.87	15.03	55,000	9,300	3,800	1,100	5,400	<500	--	--	--
	8/26/1996	--		20.9	6.00	10.50	--	7.15	13.75	47,000	5,300	2,100	780	3,200	<300	--	--	--
	11/20/1996	--		20.9	6.00	10.50	--	6.88	14.02	53,000	8,700	5,700	920	4,400	<500	--	--	--
	3/24/1997	--		22.45	6.00	10.50	--	7.13	15.32	39,000	8,200	3,200	720	3,100	<500	--	--	--
	5/23/1997	--		22.45	6.00	10.50	--	7.42	15.03	29,000	6,600	1,700	400	1,500	<600	--	--	--
	8/19/1997	--		22.45	6.00	10.50	--	7.58	14.87	16,000	4,600	790	<50	1,300	<300	--	--	--
	11/19/1997	--		22.45	6.00	10.50	--	7.58	14.87	22,000	5,800	1,300	380	1,300	<300	--	--	--
	2/19/1998	--		22.45	6.00	10.50	--	4.65	17.80	40,000	5,100	3,800	620	2,900	<300	--	--	--
	4/23/1998	--		22.45	6.00	10.50	--	6.25	16.20	45,000	8,000	4,000	970	4,200	<600	--	1.5	--
	7/27/1998	--		22.45	6.00	10.50	--	6.71	15.74	30,000	8,000	2,000	590	1,900	<600	--	1.5	--
	10/14/1998	--		22.45	6.00	10.50	--	7.19	15.26	33,000	7,400	1,900	550	1,700	<300	--	1.5	--
	1/21/1999	--		22.45	6.00	10.50	--	7.03	15.42	34,000	6,200	2,600	630	2,300	<600	--	2.5	--
	5/6/1999	--		22.45	6.00	10.50	--	7.02	15.43	7,900	2,400	200	240	580	12	--	1.07	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-5	8/23/1999	--		22.45	6.00	10.50	--	7.04	15.41	25,000	5,800	2,300	570	2,000	67	--	1.04	--
	10/28/1999	--		22.45	6.00	10.50	--	7.90	14.55	20,000	5,900	1,100	450	1,100	<250	--	0.87	--
	2/4/2000	--		22.45	6.00	10.50	--	6.71	15.74	32,000	2,500	3,800	770	4,200	<75	--	2.33	--
	6/20/2000	--		22.45	6.00	10.50	--	6.78	15.67	10,000	3,000	650	260	700	<200	--	--	--
	9/29/2000	--	b	22.45	6.00	10.50	--			--	--	--	--	--	--	--	--	--
	12/17/2000	--	b	22.45	6.00	10.50	--			--	--	--	--	--	--	--	--	--
	3/28/2001	--		22.45	6.00	10.50	--	6.48	15.97	23,400	4,160	3,450	728	3,090	<250	--	--	--
	6/20/2001	--		22.45	6.00	10.50	--	7.26	15.19	120,000	1,200	49	190	540	<100	--	--	--
	9/22/2001	--	b	22.45	6.00	10.50	--			--	--	--	--	--	--	--	--	--
	12/27/2001	--		22.45	6.00	10.50	--	6.56	15.89	16,000	1,500	2,700	730	3,200	<250	--	--	--
	3/15/2002	--		22.45	6.00	10.50	--	6.90	15.55	20,000	2,600	3,300	1,000	4,000	<250	--	--	--
	4/18/2002	--		22.45	6.00	10.50	--	6.17	16.28	17,000	3,200	2,900	790	3,000	<250	--	--	--
	7/23/2002	NP	d	22.45	6.00	10.50	--	7.36	15.09	4,600	1,400	30	160	470	110	--	1.7	7.5
	10/16/2002	NP	d	22.45	6.00	10.50	--	7.66	14.79	5,400	1,300	<20	62	150	<100	--	1.1	7.5
	1/23/2003	NP	g	22.45	6.00	10.50	--	6.28	16.17	<5,000	110	<50	<50	98	<50	--	1.1	7.6
	4/7/2003	--		22.45	6.00	10.50	--	7.21	15.24	1,600	310	18	36	62	32	--	1.5	7.2
	8/7/2003	--	m	22.45	6.00	10.50	--	7.46	14.99	<50	1.8	<0.50	<0.50	<0.50	3.5	--	12.2	9
	10/23/2003	NP	m	22.45	6.00	10.50	--	7.68	14.77	76	14	<0.50	0.77	0.61	12	--	--	--
	01/12/2004	NP		22.45	6.00	10.50	--	6.34	16.11	<50	1.5	0.68	<0.50	0.62	11	--	6.8	8.8
	04/20/2004	NP		23.47	6.00	10.50	--	8.12	15.35	300	53	13	12	29	12	--	8.9	8.5
	07/01/2004	NP		23.47	6.00	10.50	--	8.62	14.85	<50	0.56	<0.50	<0.50	<0.50	11	--	10.6	8.5
	11/04/2004	NP		23.47	6.00	10.50	--	7.01	16.46	90	6.3	0.94	1.3	5.7	9.4	--	7.5	7.6
	01/10/2005	NP		23.47	6.00	10.50	--	5.51	17.96	710	0.55	<0.50	0.52	53	40	--	1.54	7.2
	04/14/2005	NP		23.47	6.00	10.50	--	5.67	17.80	1,800	130	5.9	54	350	40	--	2.0	6.8
MW-6	6/10/1991	--	b	22.08	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	10/10/1991	--	b	22.08	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	3/23/1992	--		22.08	5.50	9.00	--	7.45	14.63	75,000	19,000	10,000	1,600	8,600	--	--	--	--
	6/8/1992	--	b	22.08	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	9/15/1992	--	b	22.08	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	11/16/1992	--	b	22.08	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	2/16/1993	--		22.08	5.50	9.00	--	6.79	15.29	65,000	14,000	3,500	1,300	6,100	--	--	--	--
	5/13/1993	--		22.08	5.50	9.00	--	7.73	14.35	36,000	8,200	870	1,000	5,200	--	--	--	--
	8/17/1993	--	b	22.08	5.50	9.00	--			--	--	--	--	--	--	--	--	--

Table 1
Groundwater Elevation and Analytical Data
 ARCO Service Station #0601
 712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-6	11/8/1993	--	b	22.08	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	2/14/1994	--		22.08	5.50	9.00	--	7.78	14.30	47,000	14,000	390	1,000	5,100	--	--	--	--
	5/5/1994	--	n (T)	22.08	5.50	9.00	--	8.24	13.84	45,000	14,000	<200	1,300	4,500	--	--	--	--
	8/4/1994	--	b	22.08	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	11/20/1994	--	n (T)	22.08	5.50	9.00	--	7.41	14.67	30,000	11,000	<100	1,200	2,300	--	--	--	--
	3/17/1995	--	n (T)	22.08	5.50	9.00	--	6.66	15.42	45,000	9,300	<100	1,900	3,600	--	--	--	--
	6/1/1995	--		22.08	5.50	9.00	--	7.60	14.48	23,000	5,600	<50	1,300	1,900	--	--	--	--
	8/31/1995	--		22.08	5.50	9.00	--	7.92	14.16	26,000	8,000	<100	1,900	900	<500	--	--	--
	11/27/1995	--		22.08	5.50	9.00	--	8.21	13.87	6,700	1,800	<20	480	230	--	--	--	--
	2/22/1996	--		22.08	5.50	9.00	--	6.21	15.87	17,000	3,100	69	810	1,500	<300	--	--	--
	5/20/1996	--		22.08	5.50	9.00	--	7.07	15.01	16,000	3,700	<50	1,100	1,100	<300	--	--	--
	8/26/1996	--		22.08	5.50	9.00	--	7.93	14.15	23,000	5,800	<50	2,000	560	<300	--	--	--
	11/20/1996	--	j	22.08	5.50	9.00	--	8.02	14.06	11,000	3,300	<50	480	370	<300	--	--	--
	3/24/1997	--		22.77	5.50	9.00	--	7.95	14.82	9,700	1,900	<20	800	270	<100	--	--	--
	5/23/1997	--		22.77	5.50	9.00	--	8.17	14.60	16,000	4,300	<50	1,400	180	<300	--	--	--
	8/19/1997	--	b	22.77	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	11/19/1997	--	b	22.77	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	2/19/1998	--		22.77	5.50	9.00	--	5.78	16.99	2,600	540	8	90	88	<30	--	--	--
	4/23/1998	--		22.77	5.50	9.00	--	6.83	15.94	7,600	1,300	13	520	190	<60	--	0.5	--
	7/27/1998	--		22.77	5.50	9.00	--	7.80	14.97	15,000	3,600	<25	1,100	230	<150	--	1	--
	10/14/1998	--		22.77	5.50	9.00	--	8.31	14.46	8,700	2,400	<20	220	36	<120	--	2	--
	1/21/1999	--		22.77	5.50	9.00	--	7.90	14.87	4,800	1,100	<25	340	79	<150	--	2	--
	5/6/1999	--		22.77	5.50	9.00	--	7.70	15.07	1,300	240	2.3	85	19	5	--	1.18	--
	8/23/1999	--		22.77	5.50	9.00	--	8.24	14.53	4,200	970	12	110	29	<15	--	0.9	--
	10/28/1999	--	b	22.77	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	2/4/2000	--		22.77	5.50	9.00	--	7.31	15.46	110	<0.5	0.6	1.5	1.9	11	--	1.1	--
	6/20/2000	--	b	22.77	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	9/29/2000	--	b	22.77	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	12/17/2000	--	b	22.77	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	3/28/2001	--	b	22.77	5.50	9.00	--	7.57	15.20	--	--	--	--	--	--	--	--	--
	6/20/2001	--	b	22.77	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	9/22/2001	--	b	22.77	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	12/27/2001	--		22.77	5.50	9.00	--	7.21	15.56	<50	2.6	0.57	1.1	1.6	<2.5	--	--	--
	3/15/2002	--		22.77	5.50	9.00	--	7.51	15.26	2,100	380	8.6	110	17	<25	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-6	4/18/2002	--		22.77	5.50	9.00	--	6.89	15.88	2,200	440	12	96	14	52	--	--	--
	7/23/2002	NP		22.77	5.50	9.00	--	8.50	14.27	--	--	--	--	--	--	--	--	--
	10/16/2002	--	b	22.77	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	1/23/2003	--	g,h	22.77	5.50	9.00	--	--	--	<250	58	<2.5	6.2	3.8	17	--	2.1	--
	1/23/2003	NP	g	22.77	5.50	9.00	--	8.05	14.72	<5,000	<50	<50	<50	<50	<50	--	2.1	6.4
	4/7/2003	--		22.77	5.50	9.00	--	8.11	14.66	330	13	<0.50	2.7	8.6	15	--	2.2	6.9
	8/7/2003	--	b	22.77	5.50	9.00	--			--	--	--	--	--	--	--	--	--
	10/23/2003	NP		22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	--
	01/12/2004	NP		22.77	5.50	9.00	--	7.63	15.14	3,600	560	<25	120	<25	150	--	0.6	7.1
	04/20/2004	NP	c	24.66	5.50	9.00	--	8.54	16.12	--	--	--	--	--	--	--	--	--
	07/01/2004	--	b	24.66	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--	--
	11/04/2004	NP		24.66	5.50	9.00	--	8.10	16.56	4,900	580	<10	180	30	230	--	2.9	6.9
	01/10/2005	NP		24.66	5.50	9.00	--	7.03	17.63	5,400	540	<25	150	46	240	--	1.29	6.9
	04/14/2005	NP		24.66	5.50	9.00	--	6.85	17.81	3,600	410	5.2	100	25	210	--	2.7	--
MW-7	6/10/1991	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	10/10/1991	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	3/23/1992	--		22.89	8.00	10.00	--	8.20	14.69	270	10	0.5	3	13	--	--	--	--
	6/8/1992	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	9/15/1992	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	11/16/1992	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	2/16/1993	--		22.89	8.00	10.00	--	7.84	15.05	120	3.6	<0.5	<0.5	1.2	--	--	--	--
	5/13/1993	--		22.89	8.00	10.00	--	8.56	14.33	<50	0.8	<0.5	<0.5	<0.5	--	--	--	--
	8/17/1993	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	11/8/1993	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	2/14/1994	--		22.89	8.00	10.00	--	8.80	14.09	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	5/5/1994	--		22.89	8.00	10.00	--	9.11	13.78	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	8/4/1994	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	11/20/1994	--		22.89	8.00	10.00	--	8.72	14.17	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	3/17/1995	--		22.89	8.00	10.00	--	7.68	15.21	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	6/1/1995	--		22.89	8.00	10.00	--	8.40	14.49	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	8/31/1995	--		22.89	8.00	10.00	--	9.09	13.80	<50	<0.5	<0.5	0.6	<0.5	<3	--	--	--
	11/27/1995	--		22.89	8.00	10.00	--	9.15	13.74	<50	<0.5	<0.5	0.9	<0.5	--	--	--	--
	2/22/1996	--		22.89	8.00	10.00	--	7.44	15.45	110	1.4	<0.5	3.8	3	<3	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Ben- zene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi- VOCs (µg/L)	DO (mg/L)	pH Level
MW-7	5/20/1996	--		22.89	8.00	10.00	--	8.47	14.42	--	--	--	--	--	--	--	--	--
	8/26/1996	--		22.89	8.00	10.00	--	8.81	14.08	--	--	--	--	--	--	--	--	--
	11/20/1996	--		22.89	8.00	10.00	--	9.17	13.72	--	--	--	--	--	--	--	--	--
	3/24/1997	--		22.89	8.00	10.00	--	8.31	14.58	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	5/23/1997	--		22.89	8.00	10.00	--	9.26	13.63	--	--	--	--	--	--	--	--	--
	8/19/1997	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	11/19/1997	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	2/19/1998	--		22.89	8.00	10.00	--	6.13	16.76	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	4/23/1998	--		22.89	8.00	10.00	--	7.44	15.45	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.5	--
	7/27/1998	--		22.89	8.00	10.00	--	8.75	14.14	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--
	10/14/1998	--		22.89	8.00	10.00	--	9.22	13.67	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--
	1/21/1999	--		22.89	8.00	10.00	--	9.07	13.82	52	<0.5	<0.5	<0.5	0.27	<3	--	3.0	--
	5/6/1999	--		22.89	8.00	10.00	--	8.32	14.57	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.83	--
	8/23/1999	--		22.89	8.00	10.00	--	9.25	13.64	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.42	--
	10/28/1999	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	2/4/2000	--		22.89	8.00	10.00	--	8.79	14.10	<50	<0.5	<0.5	<0.5	<1	<3	--	4.46	--
	6/20/2000	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	9/29/2000	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	12/17/2000	--		22.89	8.00	10.00	--	8.93	13.96	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	3/28/2001	--		22.89	8.00	10.00	--	8.35	14.54	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	6/20/2001	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	9/22/2001	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	12/27/2001	--		22.89	8.00	10.00	--	8.42	14.47	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	3/15/2002	--		22.89	8.00	10.00	--	8.54	14.35	<50	1.3	2.6	1.1	5.4	<2.5	--	--	--
	4/18/2002	--		22.89	8.00	10.00	--	7.84	15.05	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	3.32	--
	7/23/2002	NP		22.89	8.00	10.00	--	9.51	13.38	--	--	--	--	--	--	--	--	--
	10/16/2002	--	b	22.89	8.00	10.00	--			--	--	--	--	--	--	--	--	--
	1/23/2003	NP	G	22.89	8.00	10.00	--	8.04	14.85	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.4	6.7
	4/7/2003	--		22.89	8.00	10.00	--	8.39	14.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.1	6.9
	8/7/2003	--		22.89	8.00	10.00	--	9.01	13.88	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	4.5	6.9
	10/23/2003	NP		22.89	8.00	10.00	--	9.22	13.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
	01/12/2004	NP		22.89	8.00	10.00	--	8.81	14.08	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.8	7.3
	04/20/2004	NP		25.46	8.00	10.00	--	8.95	16.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.6	7.2
	07/01/2004	--	b	25.46	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-7	11/04/2004	NP		25.46	8.00	10.00	--	9.04	16.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.4	7.1
	01/10/2005	NP		25.46	8.00	10.00	--	8.25	17.21	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	7.02	7.0
	04/14/2005	--		25.46	8.00	10.00	--	7.95	17.51	--	--	--	--	--	--	--	--	--
MW-8	6/10/1991	--		20.97	6.50	10.50	--	7.80	13.17	5,800	73	7.2	150	21	--	--	--	--
	10/10/1991	--		20.97	6.50	10.50	--	8.87	12.10	2,800	31	6.1	4.5	3.9	--	--	--	--
	3/23/1992	--	n (T)	20.97	6.50	10.50	--	5.81	15.16	8,000	18	<5	320	42	--	--	--	--
	6/8/1992	--	n (B, T, X)	20.97	6.50	10.50	--	8.01	12.96	4,000	<10	<10	110	<10	--	--	--	--
	9/15/1992	--	n (T, X)	20.97	6.50	10.50	--	8.80	12.17	4,200	6.4	<5	120	<5	--	--	--	--
	11/16/1992	--	n (T)	20.97	6.50	10.50	--	8.19	12.78	2,600	4	<2.5	21	5.2	--	--	--	--
	2/16/1993	--	n (B, T, X)	20.97	6.50	10.50	--	5.84	15.13	8,700	<5	<5	200	<5	--	--	--	--
	5/13/1993	--	n (B, T, X)	20.97	6.50	10.50	--	6.93	14.04	2,300	<5	<5	42	<5	--	--	--	--
	8/17/1993	--	n (T)	20.97	6.50	10.50	--	7.87	13.10	1,700	1.8	<1.3	16	1.2	--	--	--	--
	11/8/1993	--	n (T)	20.97	6.50	10.50	--	8.31	12.66	1,200	2.4	<1	19	2.3	--	--	--	--
	2/14/1994	--	n (T, X)	20.97	6.50	10.50	--	7.00	13.97	3,600	3	<1	72	<1	--	--	--	--
	5/5/1994	--	n (B, T, X)	20.97	6.50	10.50	--	7.46	13.51	2,100	<2.5	<2.5	8.3	<2.5	--	--	--	--
	8/4/1994	--	n (T, X)	20.97	6.50	10.50	--	8.17	12.80	1,200	1.5	<1	6.7	<1	--	--	--	--
	11/20/1994	--		20.97	6.50	10.50	--	6.78	14.19	2,300	1.2	1.1	20	2.2	--	--	--	--
	3/17/1995	--	n (B, T, X)	20.97	6.50	10.50	--	6.14	14.83	5,400	<5	<5	35	<5	--	--	--	--
	6/1/1995	--		20.97	6.50	10.50	--	6.50	14.47	2,600	<2.5	<2.5	15	<2.5	--	--	--	--
	8/31/1995	--		20.97	6.50	10.50	--	7.35	13.62	1,400	<3	<3	5	<3	520	--	--	--
	11/27/1995	--		20.97	6.50	10.50	--	7.60	13.37	620	<0.5	<0.5	<0.5	0.5	560	--	--	--
	2/22/1996	--		20.97	6.50	10.50	--	5.35	15.62	5,800	<5	<5	28	<5	110	--	--	--
	5/20/1996	--		20.97	6.50	10.50	--	5.92	15.05	6,100	<5	<5	26	<5	240	--	--	--
	8/26/1996	--		20.97	6.50	10.50	--	7.08	13.89	970	<1	<1	3	<1	710	--	--	--
	11/20/1996	--		20.97	6.50	10.50	--	7.01	13.96	3,900	<2.5	<2.5	12	<2.5	930	--	--	--
	3/24/1997	--		20.89	6.50	10.50	--	7.33	13.56	1,400	<10	<10	<10	12	1,300	--	--	--
	5/23/1997	--		20.89	6.50	10.50	--	7.55	13.34	730	<5	<5	<5	<5	630	--	--	--
	8/19/1997	--		20.89	6.50	10.50	--	7.87	13.02	<500	<5	<5	<5	<5	290	--	--	--
	11/19/1997	--		20.89	6.50	10.50	--	7.87	13.02	<200	<2	<2	<2	<2	260	--	--	--
	2/19/1998	--		20.89	6.50	10.50	--	4.46	16.43	2,000	<2	<2	9	<2	140	--	--	--
	4/23/1998	--		20.89	6.50	10.50	--	6.35	14.54	4,500	<5	<5	<5	11	590	--	0.5	--
	7/27/1998	--		20.89	6.50	10.50	--	7.43	13.46	--	--	--	--	--	--	--	--	--
	10/14/1998	--		20.89	6.50	10.50	--	7.79	13.10	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-8	1/21/1999	--		20.89	6.50	10.50	--	6.54	14.35	2,000	<2	<2	3	<2	320	--	2.5	--
	5/6/1999	--		20.89	6.50	10.50	--	7.30	13.59	<50	<0.5	<0.5	<0.5	<0.5	160	--	12.76	--
	8/23/1999	--		20.89	6.50	10.50	--	7.45	13.44	<50	<0.5	<0.5	<0.5	<0.5	5	--	7.85	--
	10/28/1999	--		20.89	6.50	10.50	--	8.22	12.67	160	<0.5	<0.5	<0.5	<1	45	--	0.84	--
	2/4/2000	--		20.89	6.50	10.50	--	8.47	12.42	<50	<0.5	<0.5	<0.5	<1	<3	--	1.92	--
	6/20/2000	--		20.89	6.50	10.50	--	7.23	13.66	150	<0.5	0.9	<0.5	<1.0	310	--	--	--
	9/29/2000	--		20.89	6.50	10.50	--	7.91	12.98	149	<0.5	<0.5	<0.5	<0.5	438	--	--	--
	12/17/2000	--		20.89	6.50	10.50	--	7.11	13.78	662	<5.0	<5.0	<5.0	<5.0	273	--	--	--
	3/28/2001	--		20.89	6.50	10.50	--	6.88	14.01	840	<5.0	<5.0	<5.0	<5.0	320	--	--	--
	6/20/2001	--		20.89	6.50	10.50	--	7.25	13.64	230	<0.5	<0.5	<0.5	0.65	330	--	--	--
	9/22/2001	--		20.89	6.50	10.50	--	8.14	12.75	<50	<0.5	<0.5	<0.5	<0.5	6.5	--	--	--
	12/27/2001	--		20.89	6.50	10.50	--	6.73	14.16	780	<0.5	<0.5	0.6	0.89	160	--	--	--
	3/15/2002	--		20.89	6.50	10.50	--	6.94	13.95	1,100	<10	<10	<10	<10	830	--	--	--
	4/18/2002	--		20.89	6.50	10.50	--			--	--	--	--	--	--	--	--	--
	7/23/2002	NP		20.89	6.50	10.50	--	7.89	13.00	<50	<0.50	<0.50	<0.50	<0.50	8.7	--	4.5	7.7
	10/16/2002	NP		20.89	6.50	10.50	--	8.13	12.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	4.2	7.5
	1/23/2003	NP	g	20.89	6.50	10.50	--	6.47	14.42	<50	<0.50	<0.50	<0.50	<0.50	2.6	--	4.0	7.5
	4/7/2003	--		20.89	6.50	10.50	--	7.49	13.40	<50	<0.50	<0.50	<0.50	<0.50	19	--	4.7	7.5
	8/7/2003	--	m	20.89	6.50	10.50	--	7.93	12.96	<50	<0.50	<0.50	<0.50	<0.50	0.96	--	14.8	8.3
	10/23/2003	NP		20.89	6.50	10.50	--	7.83	13.06	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	--	--
MW-9	01/12/2004	NP		20.89	6.50	10.50	--	6.62	14.27	<50	<0.50	<0.50	<0.50	<0.50	13	--	11.2	9.0
	04/20/2004	NP		23.55	6.50	10.50	--	8.21	15.34	55	<0.50	<0.50	<0.50	<0.50	25	--	10.1	8.7
	07/01/2004	NP		23.55	6.50	10.50	--	8.48	15.07	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	14.3	8.0
	11/04/2004	NP		23.55	6.50	10.50	--	7.19	16.36	<50	<0.50	<0.50	<0.50	<0.50	13	--	12.0	7.9
	01/10/2005	NP		23.55	6.50	10.50	--	5.42	18.13	<50	<0.50	<0.50	<0.50	<0.50	10	--	2.65	7.1
	04/14/2005	--		23.55	6.50	10.50	--	5.74	17.81	--	--	--	--	--	--	--	--	--
	6/11/1993	--		20.89	6.00	19.50	15.90	8.15	12.74	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	8/17/1993	--		20.89	6.00	19.50	15.90	8.53	12.36	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	11/8/1993	--		20.89	6.00	19.50	15.90	8.87	12.02	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	2/14/1994	--		20.89	6.00	19.50	15.90	7.47	13.42	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	5/5/1994	--		20.89	6.00	19.50	15.90	8.04	12.85	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	8/4/1994	--		20.89	6.00	19.50	15.90	8.78	12.11	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	11/20/1994	--		20.89	6.00	19.50	15.90	6.83	14.06	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-9	3/17/1995	--		20.89	6.00	19.50	15.90	6.94	13.95	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	6/1/1995	--		20.89	6.00	19.50	15.90	8.15	12.74	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	8/31/1995	--		20.89	6.00	19.50	15.90	8.10	12.79	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	11/27/1995	--		20.89	6.00	19.50	15.90	8.38	12.51	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	2/22/1996	--		20.89	6.00	19.50	15.90	7.36	13.53	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	5/20/1996	--		20.89	6.00	19.50	15.90	7.81	13.08	--	--	--	--	--	--	--	--	--
	8/26/1996	--		20.89	6.00	19.50	15.90	8.00	12.89	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	11/20/1996	--		20.89	6.00	19.50	15.90	7.06	13.83	--	--	--	--	--	--	--	--	--
	3/24/1997	--		22.26	6.00	19.50	15.90	7.74	14.52	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	5/23/1997	--		22.26	6.00	19.50	15.90	8.28	13.98	--	--	--	--	--	--	--	--	--
	8/19/1997	--		22.26	6.00	19.50	15.90	8.32	13.94	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	11/19/1997	--		22.26	6.00	19.50	15.90	8.32	13.94	--	--	--	--	--	--	--	--	--
	2/19/1998	--		22.26	6.00	19.50	15.90	7.11	15.15	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	4/23/1998	--		22.26	6.00	19.50	15.90	8.18	14.08	--	--	--	--	--	--	--	--	--
	7/27/1998	--		22.26	6.00	19.50	15.90	7.97	14.29	<50	<0.50	<0.50	<0.50	<0.50	<3	--	3.6	--
	10/14/1998	--		22.26	6.00	19.50	15.90	8.29	13.97	<50	<0.50	<0.50	<0.50	<0.50	<3	--	2.5	--
	1/21/1999	--		22.26	6.00	19.50	15.90	7.63	14.63	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.5	--
	5/6/1999	--		22.26	6.00	19.50	15.90	7.27	14.99	--	--	--	--	--	--	--	--	--
	8/23/1999	--		22.26	6.00	19.50	15.90	8.24	14.02	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.93	--
	10/28/1999	--		22.26	6.00	19.50	15.90	8.63	13.63	--	--	--	--	--	--	--	--	--
	2/4/2000	--		22.26	6.00	19.50	15.90	8.01	14.25	<50	<0.50	1.6	<0.50	<1	<3	--	1.47	--
	6/20/2000	--		22.26	6.00	19.50	15.90	8.01	14.25	--	--	--	--	--	--	--	--	--
	9/29/2000	--		22.26	6.00	19.50	15.90	8.44	13.82	<50	<0.5	<0.5	<0.5	<0.5	3.44	--	--	--
	12/17/2000	--		22.26	6.00	19.50	15.90	7.84	14.42	--	--	--	--	--	--	--	--	--
	3/28/2001	--		22.26	6.00	19.50	15.90	7.58	14.68	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	6/20/2001	--		22.26	6.00	19.50	15.90	7.75	14.51	--	--	--	--	--	--	--	--	--
	9/22/2001	--		22.26	6.00	19.50	15.90	8.69	13.57	<50	<0.5	<0.5	<0.5	<0.5	7.8	--	--	--
	12/27/2001	--		22.26	6.00	19.50	15.90	7.15	15.11	--	--	--	--	--	--	--	--	--
	3/15/2002	--		22.26	6.00	19.50	15.90	7.23	15.03	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		22.26	6.00	19.50	15.90	6.79	15.47	--	--	--	--	--	--	--	--	--
	7/23/2002	P		22.26	6.00	19.50	15.90	8.30	13.96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.4	7.2
	10/16/2002	--		22.26	6.00	19.50	15.90	8.64	13.62	--	--	--	--	--	--	--	--	--
	1/23/2003	P	g	22.26	6.00	19.50	15.90	7.35	14.91	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	3.0	7.2
	4/7/2003	--		22.26	6.00	19.50	15.90	7.81	14.45	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-9	8/7/2003	--		22.26	6.00	19.50	15.90	8.31	13.95	--	--	--	--	--	--	--	--	--
	10/23/2003	--		22.26	6.00	19.50	15.90	8.48	13.78	--	--	--	--	--	--	--	--	--
	01/12/2004	--		22.26	6.00	19.50	15.90	7.46	14.80	--	--	--	--	--	--	--	--	--
	04/20/2004	--		23.64	6.00	19.50	15.90	8.65	14.99	--	--	--	--	--	--	--	--	--
	07/01/2004	P		23.64	6.00	19.50	15.90	9.03	14.61	<50	<0.50	<0.50	<0.50	<0.50	3.2	--	1.3	6.9
	11/04/2004	--		23.64	6.00	19.50	15.90	7.60	16.04	--	--	--	--	--	--	--	--	--
	01/10/2005	--		23.64	6.00	19.50	15.90	6.24	17.40	--	--	--	--	--	--	--	--	--
	04/14/2005	--		23.64	6.00	19.50	15.90	6.90	16.74	--	--	--	--	--	--	--	--	--
MW-10	6/11/1993	--		21.12	6.00	16.50	11.90	8.14	12.98	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	8/17/1993	--		21.12	6.00	16.50	11.90	8.54	12.58	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	11/8/1993	--		21.12	6.00	16.50	11.90	8.70	12.42	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	2/14/1994	--		21.12	6.00	16.50	11.90	7.13	13.99	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	5/5/1994	--		21.12	6.00	16.50	11.90	8.08	13.04	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	8/4/1994	--		21.12	6.00	16.50	11.90	8.84	12.28	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	11/20/1994	--		21.12	6.00	16.50	11.90	7.05	14.07	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	3/17/1995	--		21.12	6.00	16.50	11.90	6.26	14.86	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	6/1/1995	--		21.12	6.00	16.50	11.90	7.63	13.49	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	8/31/1995	--		21.12	6.00	16.50	11.90	8.17	12.95	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	11/27/1995	--		21.12	6.00	16.50	11.90	8.38	12.74	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	2/22/1996	--		21.12	6.00	16.50	11.90	5.41	15.71	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	5/20/1996	--		21.12	6.00	16.50	11.90	6.78	14.34	--	--	--	--	--	--	--	--	--
	8/26/1996	--		21.12	6.00	16.50	11.90	8.00	13.12	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	11/20/1996	--		21.12	6.00	16.50	11.90	7.81	13.31	--	--	--	--	--	--	--	--	--
	3/24/1997	--		21.33	6.00	16.50	11.90	7.87	13.46	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	5/23/1997	--		21.33	6.00	16.50	11.90	8.33	13.00	--	--	--	--	--	--	--	--	--
	8/19/1997	--		21.33	6.00	16.50	11.90	8.39	12.94	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	11/19/1997	--		21.33	6.00	16.50	11.90	8.39	12.94	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	2/19/1998	--		21.33	6.00	16.50	11.90	4.65	16.68	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	4/23/1998	--		21.33	6.00	16.50	11.90	6.28	15.05	<50	<0.50	<0.50	<0.50	<0.50	<3	--	0.5	--
	7/27/1998	--		21.33	6.00	16.50	11.90	7.97	13.36	<50	<0.50	<0.50	<0.50	<0.50	<3	--	3.3	--
	10/14/1998	--		21.33	6.00	16.50	11.90	8.41	12.92	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.0	--
	1/21/1999	--		21.33	6.00	16.50	11.90	6.65	14.68	<50	<0.50	<0.50	<0.50	<0.50	<3	--	0.5	--
	5/6/1999	--		21.33	6.00	16.50	11.90	7.74	13.59	<50	<0.50	<0.50	<0.50	<0.50	<3	--	0.76	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-10	8/23/1999	--		21.33	6.00	16.50	11.90	8.37	12.96	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.21	--
	10/28/1999	--		21.33	6.00	16.50	11.90	8.73	12.60	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.12	--
	2/4/2000	--		21.33	6.00	16.50	11.90	8.78	12.55	<50	<0.50	<0.50	<0.50	<0.50	<3	--	2.84	--
	6/20/2000	--		21.33	6.00	16.50	11.90	7.99	13.34	<0.5	<0.5	<0.5	<0.5	<0.5	<3.0	--	--	--
	9/29/2000	--		21.33	6.00	16.50	11.90	8.40	12.93	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	12/17/2000	--		21.33	6.00	16.50	11.90	7.91	13.42	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	3/28/2001	--		21.33	6.00	16.50	11.90	7.47	13.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	6/20/2001	--		21.33	6.00	16.50	11.90	8.11	13.22	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	9/22/2001	--		21.33	6.00	16.50	11.90	8.77	12.56	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	12/27/2001	--		21.33	6.00	16.50	11.90	6.94	14.39	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	3/15/2002	--		21.33	6.00	16.50	11.90	7.48	13.85	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		21.33	6.00	16.50	11.90	6.77	14.56	<50	<0.5	<0.5	<0.5	<0.5	3.8	--	1.22	--
	7/23/2002	NP		21.33	6.00	16.50	11.90	8.42	12.91	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.0	7.2
	10/16/2002	NP		21.33	6.00	16.50	11.90	8.77	12.56	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.0	6.4
	1/23/2003	NP	g	21.33	6.00	16.50	11.90	7.12	14.21	<50	<0.50	<0.50	<0.50	<0.50	1.4	--	1.3	7.4
	4/7/2003	--		21.33	6.00	16.50	11.90	7.73	13.60	<50	<0.50	<0.50	<0.50	<0.50	1.6	--	1.3	7.0
	8/7/2003	--		21.33	6.00	16.50	11.90	8.45	12.88	<50	<0.50	<0.50	<0.50	<0.50	1.5	--	1.3	7.3
	10/23/2003	--		21.33	6.00	16.50	11.90	8.71	12.62	--	--	--	--	--	--	--	--	--
	01/12/2004	NP		21.33	6.00	16.50	11.90	7.25	14.08	<50	<0.50	<0.50	<0.50	<0.50	1.7	--	8.2	7.5
	04/20/2004	--		23.42	6.00	16.50	11.90	8.15	15.27	--	--	--	--	--	--	--	--	--
	07/01/2004	NP		23.42	6.00	16.50	11.90	8.90	14.52	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	1.0	7.1
	11/04/2004	--		23.42	6.00	16.50	11.90	7.68	15.74	--	--	--	--	--	--	--	--	--
	01/10/2005	NP		23.42	6.00	16.50	11.90	6.13	17.29	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	0.9	7.3
	04/14/2005	--		23.42	6.00	16.50	11.90	6.68	16.74	--	--	--	--	--	--	--	--	--
MW-11	11/16/1992	--	n (T)	22.38	7.00	12.00	--	9.02	13.36	7,000	21	<10	18	230	--	--	--	--
	2/16/1993	--	n (B, T, X)	22.38	7.00	12.00	--	7.11	15.27	2,200	<10	<10	11	<10	--	--	--	--
	5/13/1993	--	n (B, T)	22.38	7.00	12.00	--	8.04	14.34	1,600	<2.5	<2.5	41	6.8	--	--	--	--
	8/17/1993	--	n (T)	22.38	7.00	12.00	--	8.78	13.60	830	1.4	<1.0	25	15	--	--	--	--
	11/8/1993	--	n (B, T)	22.38	7.00	12.00	--	9.23	13.15	370	<1.0	<1.0	2.5	2.1	--	--	--	--
	2/14/1994	--	n (B, T)	22.38	7.00	12.00	--	7.94	14.44	650	<1	<1.0	2	4	--	--	--	--
	5/5/1994	--		22.38	7.00	12.00	--	8.55	13.83	210	<0.5	<0.5	2.5	0.6	--	--	--	--
	8/4/1994	--	n (T)	22.38	7.00	12.00	--	9.13	13.25	390	<0.5	<0.7	1.9	2.2	--	--	--	--
	11/20/1994	--		22.38	7.00	12.00	--	7.73	14.65	1,300	1.3	0.5	1.5	21	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-11	3/17/1995	--		22.38	7.00	12.00	--	6.94	15.44	100	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	6/1/1995	--		22.38	7.00	12.00	--	7.90	14.48	210	<0.5	<0.5	0.9	0.7	--	--	--	--
	8/31/1995	--		22.38	7.00	12.00	--	8.18	14.20	680	<0.5	<0.5	4	1.8	<3	--	--	--
	11/27/1995	--		22.38	7.00	12.00	--	8.48	13.90	340	<0.5	<0.5	2.2	1.6	--	--	--	--
	2/22/1996	--		22.38	7.00	12.00	--	6.63	15.75	150	<0.5	<0.5	<0.8	<0.8	<3	--	--	--
	5/20/1996	--		22.38	7.00	12.00	--	7.25	15.13	--	--	--	--	--	--	--	--	--
	8/26/1996	--		22.38	7.00	12.00	--	8.22	14.16	--	--	--	--	--	--	--	--	--
	11/20/1996	--		22.38	7.00	12.00	--	8.37	14.01	--	--	--	--	--	--	--	--	--
	3/24/1997	--		20.97	7.00	12.00	--	8.15	12.82	63	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	5/23/1997	--		20.97	7.00	12.00	--	8.48	12.49	--	--	--	--	--	--	--	--	--
	8/19/1997	--		20.97	7.00	12.00	--	8.67	12.30	--	--	--	--	--	--	--	--	--
	11/19/1997	--		20.97	7.00	12.00	--	8.67	12.30	--	--	--	--	--	--	--	--	--
	2/19/1998	--		20.97	7.00	12.00	--	6.25	14.72	<50	<0.5	1.6	<0.5	1.8	7	--	--	--
	4/23/1998	--		20.97	7.00	12.00	--	7.23	13.74	--	--	--	--	--	--	--	--	--
	7/27/1998	--		20.97	7.00	12.00	--	8.05	12.92	--	--	--	--	--	--	--	--	--
	10/14/1998	--		20.97	7.00	12.00	--	8.58	12.39	--	--	--	--	--	--	--	--	--
	1/21/1999	--		20.97	7.00	12.00	--	8.25	12.72	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.5	--
	5/6/1999	--		20.97	7.00	12.00	--	7.95	13.02	--	--	--	--	--	--	--	--	--
	8/23/1999	--		20.97	7.00	12.00	--	8.51	12.46	--	--	--	--	--	--	--	0.86	--
	10/28/1999	--		20.97	7.00	12.00	--	8.95	12.02	--	--	--	--	--	--	--	--	--
	2/4/2000	--		20.97	7.00	12.00	--	7.88	13.09	<50	<0.5	<0.5	<0.5	<1	<3	--	3.29	--
	6/20/2000	--		20.97	7.00	12.00	--	8.18	12.79	--	--	--	--	--	--	--	--	--
	9/29/2000	--		20.97	7.00	12.00	--	8.60	12.37	--	--	--	--	--	--	--	--	--
	12/17/2000	--		20.97	7.00	12.00	--	8.48	12.49	--	--	--	--	--	--	--	--	--
	3/28/2001	--		20.97	7.00	12.00	--	7.88	13.09	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	6/20/2001	--		20.97	7.00	12.00	--	8.48	12.49	--	--	--	--	--	--	--	--	--
	9/22/2001	--		20.97	7.00	12.00	--	9.11	11.86	--	--	--	--	--	--	--	--	--
	12/27/2001	--		20.97	7.00	12.00	--	7.50	13.47	--	--	--	--	--	--	--	--	--
	3/15/2002	--		20.97	7.00	12.00	--	7.87	13.10	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		20.97	7.00	12.00	--	7.22	13.75	--	--	--	--	--	--	--	--	--
	7/23/2002	--		20.97	7.00	12.00	--	8.76	12.21	--	--	--	--	--	--	--	--	--
	10/16/2002	--		20.97	7.00	12.00	--	9.15	11.82	--	--	--	--	--	--	--	--	--
	1/23/2003	P	g	20.97	7.00	12.00	--	7.61	13.36	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.4	7.4
	4/7/2003	--		20.97	7.00	12.00	--	8.25	12.72	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-11	8/7/2003	--		20.97	7.00	12.00	--	8.84	12.13	--	--	--	--	--	--	--	--	--
	10/23/2003	--		20.97	7.00	12.00	--	9.09	11.88	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
	01/12/2004	--		20.97	7.00	12.00	--	7.70	13.27	--	--	--	--	--	--	--	--	--
	04/20/2004	--		24.97	7.00	12.00	--	9.18	15.79	--	--	--	--	--	--	--	--	--
	07/01/2004	P	o	24.97	7.00	12.00	--	9.90	15.07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.8	7.01
	11/04/2004	--		24.97	7.00	12.00	--	8.21	16.76	--	--	--	--	--	--	--	--	--
	01/10/2005	--		24.97	7.00	12.00	--	6.94	18.03	--	--	--	--	--	--	--	--	--
	04/14/2005	--		24.97	7.00	12.00	--	6.77	18.20	--	--	--	--	--	--	--	--	--
MW-12	11/16/1992	--		22.77	7.50	12.50	--	9.65	13.12	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	2/16/1993	--		22.77	7.50	12.50	--	7.88	14.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	5/13/1993	--		22.77	7.50	12.50	--	8.63	14.14	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	8/17/1993	--		22.77	7.50	12.50	--	9.30	13.47	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	11/8/1993	--		22.77	7.50	12.50	--	9.72	13.05	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	2/14/1994	--		22.77	7.50	12.50	--	8.24	14.53	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	5/5/1994	--		22.77	7.50	12.50	--	8.97	13.80	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	8/4/1994	--		22.77	7.50	12.50	--	9.57	13.20	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	11/20/1994	--		22.77	7.50	12.50	--	8.06	14.71	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	3/17/1995	--		22.77	7.50	12.50	--	7.09	15.68	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	6/1/1995	--		22.77	7.50	12.50	--	8.40	14.37	--	--	--	--	--	--	--	--	--
	8/31/1995	--		22.77	7.50	12.50	--	8.55	14.22	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	11/27/1995	--		22.77	7.50	12.50	--	8.95	13.82	--	--	--	--	--	--	--	--	--
	2/22/1996	--		22.77	7.50	12.50	--	6.81	15.96	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	5/20/1996	--		22.77	7.50	12.50	--	7.56	15.21	--	--	--	--	--	--	--	--	--
	8/26/1996	--		22.77	7.50	12.50	--	8.63	14.14	--	--	--	--	--	--	--	--	--
	11/20/1996	--		22.77	7.50	12.50	--	8.38	14.39	--	--	--	--	--	--	--	--	--
	3/24/1997	--		20.11	7.50	12.50	--	8.75	11.36	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	5/23/1997	--		20.11	7.50	12.50	--	8.92	11.19	--	--	--	--	--	--	--	--	--
	8/19/1997	--		20.11	7.50	12.50	--	9.20	10.91	--	--	--	--	--	--	--	--	--
	11/19/1997	--		20.11	7.50	12.50	--	9.20	10.91	--	--	--	--	--	--	--	--	--
	2/19/1998	--		20.11	7.50	12.50	--	6.28	13.83	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	4/23/1998	--		20.11	7.50	12.50	--	7.52	12.59	--	--	--	--	--	--	--	--	--
	7/27/1998	--		20.11	7.50	12.50	--	8.52	11.59	--	--	--	--	--	--	--	--	--
	10/14/1998	--		20.11	7.50	12.50	--	9.06	11.05	--	--	--	--	--	--	--	--	--

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Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-12	1/21/1999	--		20.11	7.50	12.50	--	8.20	11.91	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--
	5/6/1999	--		20.11	7.50	12.50	--	8.47	11.64	--	--	--	--	--	--	--	--	--
	8/23/1999	--		20.11	7.50	12.50	--	9.04	11.07	--	--	--	--	--	--	--	0.85	--
	10/28/1999	--		20.11	7.50	12.50	--	9.40	10.71	--	--	--	--	--	--	--	--	--
	2/4/2000	--		20.11	7.50	12.50	--	8.38	11.73	<50	<0.5	<0.5	<0.5	<1	<3	--	3.34	--
	6/20/2000	--		20.11	7.50	12.50	--	8.55	11.56	--	--	--	--	--	--	--	--	--
	9/29/2000	--		20.11	7.50	12.50	--	8.98	11.13	--	--	--	--	--	--	--	--	--
	12/17/2000	--		20.11	7.50	12.50	--	8.76	11.35	--	--	--	--	--	--	--	--	--
	3/28/2001	--		20.11	7.50	12.50	--	8.31	11.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	6/20/2001	--		20.11	7.50	12.50	--	9.10	11.01	--	--	--	--	--	--	--	--	--
	9/22/2001	--		20.11	7.50	12.50	--	9.48	10.63	--	--	--	--	--	--	--	--	--
	12/27/2001	--		20.11	7.50	12.50	--	7.78	12.33	--	--	--	--	--	--	--	--	--
	3/15/2002	--		20.11	7.50	12.50	--	8.22	11.89	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		20.11	7.50	12.50	--	7.65	12.46	--	--	--	--	--	--	--	--	--
	7/23/2002	--		20.11	7.50	12.50	--	9.18	10.93	--	--	--	--	--	--	--	--	--
	10/16/2002	--		20.11	7.50	12.50	--	9.51	10.60	--	--	--	--	--	--	--	--	--
	1/23/2003	--		20.11	7.50	12.50	--	7.86	12.25	--	--	--	--	--	--	--	--	--
	4/7/2003	--		20.11	7.50	12.50	--	8.58	11.53	--	--	--	--	--	--	--	--	--
	8/7/2003	--		20.11	7.50	12.50	--	9.23	10.88	--	--	--	--	--	--	--	--	--
	10/23/2003	P		20.11	7.50	12.50	--	9.44	10.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
	01/12/2004	--		20.11	7.50	12.50	--	8.08	12.03	--	--	--	--	--	--	--	--	--
	04/20/2004	--		25.32	7.50	12.50	--	9.28	16.04	--	--	--	--	--	--	--	--	--
	07/01/2004	P		25.32	7.50	12.50	--	9.65	15.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.8	7.0
	11/04/2004	--		25.32	7.50	12.50	--	8.53	16.79	--	--	--	--	--	--	--	--	--
	01/10/2005	--		25.32	7.50	12.50	--	7.04	18.28	--	--	--	--	--	--	--	--	--
	04/14/2005	--		25.32	7.50	12.50	--	6.95	18.37	--	--	--	--	--	--	--	--	--
MW-13	11/16/1992	--		22.45	--	13.00	--	9.02	13.43	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	2/16/1993	--		22.45	--	13.00	--	7.14	15.31	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	5/13/1993	--		22.45	--	13.00	--	7.95	14.50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	8/17/1993	--		22.45	--	13.00	--	8.57	13.88	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	11/8/1993	--		22.45	--	13.00	--	8.86	13.59	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	2/14/1994	--		22.45	--	13.00	--	7.78	14.67	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	5/5/1994	--		22.45	--	13.00	--	8.38	14.07	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--

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Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-13	8/4/1994	--		22.45	--	13.00	--	8.78	13.67	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	11/20/1994	--		22.45	--	13.00	--	7.68	14.77	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	3/17/1995	--		22.45	--	13.00	--	6.91	15.54	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	6/1/1995	--		22.45	--	13.00	--	7.72	14.73	--	--	--	--	--	--	--	--	--
	8/31/1995	--		22.45	--	13.00	--	7.58	14.87	--	--	--	--	--	--	--	--	--
	11/27/1995	--		22.45	--	13.00	--	7.98	14.47	--	--	--	--	--	--	--	--	--
	2/22/1996	--		22.45	--	13.00	--	6.71	15.74	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	--	--
	5/20/1996	--		22.45	--	13.00	--	6.98	15.47	--	--	--	--	--	--	--	--	--
	8/26/1996	--		22.45	--	13.00	--	7.85	14.60	--	--	--	--	--	--	--	--	--
	11/20/1996	--		22.45	--	13.00	--	7.76	14.69	--	--	--	--	--	--	--	--	--
	3/24/1997	--		20.75	--	13.00	--	7.85	12.90	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	--	--
	5/23/1997	--		20.75	--	13.00	--	8.16	12.59	--	--	--	--	--	--	--	--	--
	8/19/1997	--		20.75	--	13.00	--	8.40	12.35	--	--	--	--	--	--	--	--	--
	11/19/1997	--		20.75	--	13.00	--	8.40	12.35	--	--	--	--	--	--	--	--	--
	2/19/1998	--		20.75	--	13.00	--	6.44	14.31	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	--	--
	4/23/1998	--		20.75	--	13.00	--	6.80	13.95	--	--	--	--	--	--	--	--	--
	7/27/1998	--		20.75	--	13.00	--	7.52	13.23	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	1.5	--
	10/14/1998	--		20.75	--	13.00	--	8.15	12.60	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	2.0	--
	1/21/1999	--		20.75	--	13.00	--	7.85	12.90	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	1.5	--
	5/6/1999	--		20.75	--	13.00	--	7.82	12.93	--	--	--	--	--	--	--	--	--
	8/23/1999	--		20.75	--	13.00	--	8.29	12.46	--	--	--	--	--	--	--	0.94	--
	10/28/1999	--		20.75	--	13.00	--	8.55	12.20	--	--	--	--	--	--	--	--	--
	2/4/2000	--		20.75	--	13.00	--	8.11	12.64	<50	< 0.5	0.6	< 0.5	<1	<3	--	1.27	--
	6/20/2000	--		20.75	--	13.00	--	7.56	13.19	--	--	--	--	--	--	--	--	--
	9/29/2000	--		20.75	--	13.00	--	8.27	12.48	--	--	--	--	--	--	--	--	--
	12/17/2000	--		20.75	--	13.00	--	8.09	12.66	--	--	--	--	--	--	--	--	--
	3/28/2001	--		20.75	--	13.00	--	7.69	13.06	<50	<0.5	<0.5	< 0.5	<0.5	<2.5	--	--	--
	6/20/2001	--		20.75	--	13.00	--	8.46	12.29	--	--	--	--	--	--	--	--	--
	9/22/2001	--		20.75	--	13.00	--	8.57	12.18	--	--	--	--	--	--	--	--	--
	12/27/2001	--		20.75	--	13.00	--	7.14	13.61	--	--	--	--	--	--	--	--	--
	3/15/2002	--		20.75	--	13.00	--	7.62	13.13	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		20.75	--	13.00	--	6.91	13.84	--	--	--	--	--	--	--	--	--
	7/23/2002	--		20.75	--	13.00	--	8.50	12.25	--	--	--	--	--	--	--	--	--
	10/16/2002	--		20.75	--	13.00	--	8.74	12.01	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-13	1/23/2003	P	g	20.75	--	13.00	--	7.35	13.40	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	3.4	7.0
	4/7/2003	--		20.75	--	13.00	--	7.99	12.76	--	--	--	--	--	--	--	--	--
	8/7/2003	--		20.75	--	13.00	--	8.60	12.15	--	--	--	--	--	--	--	--	--
	10/23/2003	P		20.75	--	13.00	--	8.55	12.20	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
	01/12/2004	--		20.75	--	13.00	--	7.56	13.19	--	--	--	--	--	--	--	--	--
	04/20/2004	--		25.01	--	13.00	--	4.57	20.44	--	--	--	--	--	--	--	--	--
	07/01/2004	P		25.01	--	13.00	--	8.71	16.30	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.4	6.9
	11/04/2004	--		25.01	--	13.00	--	7.79	17.22	--	--	--	--	--	--	--	--	--
	01/10/2005	--		25.01	--	13.00	--	6.80	18.21	--	--	--	--	--	--	--	--	--
	04/14/2005	--		25.01	--	13.00	--	6.88	18.13	--	--	--	--	--	--	--	--	--
MW-14	9/15/1992	--		22.99	7.50	13.50	--	10.66	12.33	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	11/16/1992	--		22.99	7.50	13.50	--	10.33	12.66	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	2/16/1993	--		22.99	7.50	13.50	--	8.18	14.81	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	5/13/1993	--		22.99	7.50	13.50	--	9.05	13.94	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	8/17/1993	--		22.99	7.50	13.50	--	22.99	0.00	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	11/8/1993	--		22.99	7.50	13.50	--	10.25	12.74	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	2/14/1994	--		22.99	7.50	13.50	--	8.80	14.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	5/5/1994	--		22.99	7.50	13.50	--	9.49	13.50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	8/4/1994	--		22.99	7.50	13.50	--	10.11	12.88	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	11/20/1994	--		22.99	7.50	13.50	--	8.66	14.33	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	3/17/1995	--		22.99	7.50	13.50	--	8.17	14.82	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	6/1/1995	--		22.99	7.50	13.50	--	8.57	14.42	--	--	--	--	--	--	--	--	--
	8/31/1995	--		22.99	7.50	13.50	--	9.05	13.94	--	--	--	--	--	--	--	--	--
	11/27/1995	--		22.99	7.50	13.50	--	9.19	13.80	--	--	--	--	--	--	--	--	--
	2/22/1996	--		22.99	7.50	13.50	--	6.52	16.47	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	5/20/1996	--		22.99	7.50	13.50	--	7.88	15.11	--	--	--	--	--	--	--	--	--
	8/26/1996	--		22.99	7.50	13.50	--	8.83	14.16	--	--	--	--	--	--	--	--	--
	11/20/1996	--		22.99	7.50	13.50	--	8.95	14.04	--	--	--	--	--	--	--	--	--
	3/24/1997	--		20.9	7.50	13.50	--	8.98	11.92	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	5/23/1997	--		20.9	7.50	13.50	--	9.61	11.29	--	--	--	--	--	--	--	--	--
	8/19/1997	--		20.9	7.50	13.50	--	9.80	11.10	--	--	--	--	--	--	--	--	--
	11/19/1997	--		20.9	7.50	13.50	--	9.80	11.10	<50	1.7	<0.5	0.6	3	<3	--	--	--
	2/19/1998	--		20.9	7.50	13.50	--	6.27	14.63	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-14	4/23/1998	--		20.9	7.50	13.50	--	7.75	13.15	<50	< 0.5	< 0.5	< 0.5	< 0.5	<3	--	0.5	--
	7/27/1998	--		20.9	7.50	13.50	--	9.24	11.66	<50	< 0.5	< 0.5	< 0.5	< 0.5	<3	--	1.0	--
	10/14/1998	--		20.9	7.50	13.50	--	9.73	11.17	<50	< 0.5	< 0.5	< 0.5	< 0.5	<3	--	1.0	--
	1/21/1999	--		20.9	7.50	13.50	--	8.90	12.00	<50	< 0.5	< 0.5	< 0.5	< 0.5	<3	--	1.5	--
	5/6/1999	--		20.9	7.50	13.50	--	8.98	11.92	<50	< 0.5	< 0.5	< 0.5	< 0.5	<3	--	0.73	--
	8/23/1999	--		20.9	7.50	13.50	--	9.68	11.22	<50	< 0.5	< 0.5	< 0.5	< 0.5	<3	--	0.91	--
	10/28/1999	--		20.9	7.50	13.50	--	10.00	10.90	<50	< 0.5	< 0.5	< 0.5	<1	<10	--	1.06	--
	2/4/2000	--		20.9	7.50	13.50	--	8.19	12.71	<50	< 0.5	0.5	< 0.5	<1	<3	--	1.21	--
	6/20/2000	--		20.9	7.50	13.50	--	9.16	11.74	<50	<0.5	<0.5	<0.5	<1.0	<10	--	--	--
	9/29/2000	--		20.9	7.50	13.50	--	9.48	11.42	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.50	--	--	--
	12/17/2000	--		20.9	7.50	13.50	--	9.24	11.66	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	3/28/2001	--		20.9	7.50	13.50	--	8.91	11.99	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	6/20/2001	--		20.9	7.50	13.50	--	9.70	11.20	<50	< 0.5	< 0.5	< 0.5	<0.5	3.1	--	--	--
	9/22/2001	--		20.9	7.50	13.50	--	10.04	10.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	12/27/2001	--		20.9	7.50	13.50	--	8.33	12.57	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	3/15/2002	--		20.9	7.50	13.50	--	8.75	12.15	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		20.9	7.50	13.50	--	8.21	12.69	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	7/23/2002	NP		20.9	7.50	13.50	--	9.76	11.14	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.4	7.1
	10/16/2002	NP		20.9	7.50	13.50	--	10.10	10.80	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.1	5.8
	1/23/2003	NP	g	20.9	7.50	13.50	--	8.41	12.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.3	7.1
	4/7/2003	--		20.9	7.50	13.50	--	9.09	11.81	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.4	6.9
	8/7/2003	--		20.9	7.50	13.50	--	9.81	11.09	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.4	6.7
	10/23/2003	P		20.90	7.50	13.50	--	10.04	10.86	--	--	--	--	--	--	--	--	--
	01/12/2004	P		20.90	7.50	13.50	--	8.89	12.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.0	7.2
	04/20/2004	--		25.55	7.50	13.50	--	9.62	15.93	--	--	--	--	--	--	--	--	--
	07/01/2004	NP		25.55	7.50	13.50	--	10.03	15.52	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.6	6.7
	11/04/2004	--		25.55	7.50	13.50	--	9.13	16.42	--	--	--	--	--	--	--	--	--
	01/10/2005	NP		25.55	7.50	13.50	--	7.61	17.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.06	6.9
	04/14/2005	--		25.55	7.50	13.50	--	7.70	17.85	--	--	--	--	--	--	--	--	--
MW-15	5/13/1993	--		19.19	5.50	10.50	--	5.91	13.28	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	8/17/1993	--		19.19	5.50	10.50	--	6.54	12.65	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	11/8/1993	--		19.19	5.50	10.50	--	6.98	12.21	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	2/14/1994	--		19.19	5.50	10.50	--	5.44	13.75	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-15	5/5/1994	--		19.19	5.50	10.50	--	6.18	13.01	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	8/4/1994	--		19.19	5.50	10.50	--	6.84	12.35	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	11/20/1994	--		19.19	5.50	10.50	--	5.31	13.88	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	3/17/1995	--		19.19	5.50	10.50	--	5.21	13.98	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	6/1/1995	--		19.19	5.50	10.50	--	5.84	13.35	--	--	--	--	--	--	--	--	--
	8/31/1995	--		19.19	5.50	10.50	--	6.18	13.01	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	--	--
	11/27/1995	--		19.19	5.50	10.50	--	6.42	12.77	--	--	--	--	--	--	--	--	--
	2/22/1996	--		19.19	5.50	10.50	--	4.84	14.35	<50	< 0.5	< 0.5	< 0.5	<0.5	12	--	--	--
	5/20/1996	--		19.19	5.50	10.50	--	5.31	13.88	--	--	--	--	--	--	--	--	--
	8/26/1996	--		19.19	5.50	10.50	--	6.05	13.14	<50	< 0.5	< 0.5	< 0.5	<0.5	8	--	--	--
	11/20/1996	--		19.19	5.50	10.50	--	5.46	13.73	--	--	--	--	--	--	--	--	--
	3/24/1997	--		22.08	5.50	10.50	--	6.00	16.08	<50	< 0.5	< 0.5	< 0.5	<0.5	15	--	--	--
	5/23/1997	--		22.08	5.50	10.50	--	6.25	15.83	--	--	--	--	--	--	--	--	--
	8/19/1997	--	j	22.08	5.50	10.50	--	6.34	15.74	99	< 0.5	< 0.5	< 0.5	0.7	6	--	--	--
	11/19/1997	--		22.08	5.50	10.50	--	6.34	15.74	--	--	--	--	--	--	--	--	--
	2/19/1998	--		22.08	5.50	10.50	--	4.66	17.42	<50	< 0.5	< 0.5	< 0.5	<0.5	48	--	--	--
	4/23/1998	--		22.08	5.50	10.50	--	5.18	16.90	--	--	--	--	--	--	--	--	--
	7/27/1998	--		22.08	5.50	10.50	--	6.02	16.06	<50	< 0.5	< 0.5	< 0.5	<0.5	50	--	1.0	--
	10/14/1998	--		22.08	5.50	10.50	--	6.26	15.82	<50	< 0.5	< 0.5	< 0.5	<0.5	27	--	1.5	--
	1/21/1999	--		22.08	5.50	10.50	--	5.33	16.75	<50	< 0.5	< 0.5	< 0.5	<0.5	6	--	1.0	--
	5/6/1999	--		22.08	5.50	10.50	--	5.82	16.26	--	--	--	--	--	--	--	--	--
	8/23/1999	--		22.08	5.50	10.50	--	6.24	15.84	<50	< 0.5	< 0.5	< 0.5	<0.5	21	--	1.14	--
	10/28/1999	--		22.08	5.50	10.50	--	6.60	15.48	--	--	--	--	--	--	--	--	--
	2/4/2000	--		22.08	5.50	10.50	--	7.02	15.06	<50	< 0.5	< 0.5	< 0.5	<1	<3	--	1.09	--
	6/20/2000	--		22.08	5.50	10.50	--	5.98	16.10	--	--	--	--	--	--	--	--	--
	9/29/2000	--		22.08	5.50	10.50	--	6.50	15.58	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.50	--	--	--
	12/17/2000	--		22.08	5.50	10.50	--	5.89	16.19	--	--	--	--	--	--	--	--	--
	3/28/2001	--		22.08	5.50	10.50	--	5.78	16.30	<50	< 0.5	< 0.5	< 0.5	<0.5	11.1	--	--	--
	6/20/2001	--		22.08	5.50	10.50	--	5.72	16.36	--	--	--	--	--	--	--	--	--
	9/22/2001	--		22.08	5.50	10.50	--	6.79	15.29	<50	<0.5	<0.5	<0.5	<0.5	13	--	--	--
	12/27/2001	--		22.08	5.50	10.50	--	5.49	16.59	--	--	--	--	--	--	--	--	--
	3/15/2002	--		22.08	5.50	10.50	--	5.68	16.40	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		22.08	5.50	10.50	--	4.85	17.23	--	--	--	--	--	--	--	--	--
	7/23/2002	P		22.08	5.50	10.50	--	6.32	15.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	2.0	7.9

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Semi-VOCs (µg/L)	DO (mg/L)	pH Level
MW-15	10/16/2002	--		22.08	5.50	10.50	--	6.69	15.39	--	--	--	--	--	--	--	--	--
	1/23/2003	P	g	22.08	5.50	10.50	--	5.70	16.38	<50	<0.50	<0.50	<0.50	<0.50	1.9	--	2.6	7.5
	4/7/2003	--		22.08	5.50	10.50	--	5.94	16.14	--	--	--	--	--	--	--	--	--
	8/7/2003	--		22.08	5.50	10.50	--	6.32	15.76	--	--	--	--	--	--	--	--	--
	10/23/2003	--		22.08	5.50	10.50	--	6.56	15.52	--	--	--	--	--	--	--	--	--
	01/12/2004	--		22.08	5.50	10.50	--	5.71	16.37	--	--	--	--	--	--	--	--	--
	04/20/2004	--		21.72	5.50	10.50	--	7.10	14.62	--	--	--	--	--	--	--	--	--
	07/01/2004	P		21.72	5.50	10.50	--	7.18	14.54	<50	<0.50	<0.50	<0.50	<0.50	1.9	--	1.6	7.3
	11/04/2004	--		21.72	5.50	10.50	--	5.90	15.82	--	--	--	--	--	--	--	--	--
	01/10/2005	--		21.72	5.50	10.50	--	5.30	16.42	--	--	--	--	--	--	--	--	--
	04/14/2005	--		21.72	5.50	10.50	--	5.40	16.32	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

SYMBOLS & ABBREVIATIONS:

-- = Not analyzed/applicable/measured/available
< = Not detected at or above laboratory reporting limit
B = Benzene
DO = Dissolved oxygen
DTW = Depth to water in feet below ground surface
E = Ethylbenzene
ft bgs = feet below ground surface
ft MSL = feet above mean sea level
GRO = Gasoline Range Organics, range C4-C12
GWE = Groundwater elevation measured in feet above mean sea level
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether
NP = Well not purged before sampling
P = Well purged before sampling
Semi-VOCs = Semi-volatile organic compounds
T = Toluene
TPH-g = Total petroleum hydrocarbons as gasoline
TPH-d = Total petroleum hydrocarbons as diesel, California DHS (Dept. of Health Services) LUFT (Leaking Underground Fuel Tank) Method
ug/L = Micrograms per liter
X = Xylenes

FOOTNOTES:

a = Sheen in well
b = Well is dry
c = Insufficient water to sample
d = Chromatogram Pattern: Gasoline C6-C10
e = Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel
f = 4-Methylphenol
g = TPH, BTEX, and MTBE analyzed by EPA Method 8260B beginning on the 1st Quarter 2003 Sampling event (1/23/03)
h = This sample was re-extracted beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
i = Groundwater Elevations adjusted using the formula $GWE = (TOC - DTW) + (FPT \times 0.8)$
j = Sample contains a higher boiling point hydrocarbon mixture quantitated as gasoline. The chromatogram did not match the typical gasoline fingerprint.
k = Dissolved oxygen reading not taken due to the presence of sheen
l = Free product in well
m = Gauged with ORC sock in well
n = Method reporting limit was raised due to high analyte concentration requiring sample dilution or matrix interference
o = Well Dewatered
p = Well inaccessible
q = Insufficient sample available to follow standard QC procedures

NOTES:

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

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

Values for DO and pH were obtained through field measurements.

Top and bottom of screen measurements for wells MW-1, MW-2, MW-3, and MW-7 were taken from Delta Environmental Consulting Inc. sampling sheets because the well construction logs were not available.

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

Table 2

Fuel Additives Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-1	1/23/2003	<4,000	<2,000	<50	<50	<50	<50	<50	<50	
	4/7/2003	<1,000	<200	69	<5.0	<5.0	<5.0	<5.0	<5.0	
	8/7/2003	<5,000	<1,000	160	<25	<25	<25	<25	<25	
	10/23/2003	--	<1,000	220	<25	<25	<25	<25	<25	
	01/12/2004	<5,000	<1,000	140	<50	<50	<50	<25	<25	
	04/20/2004	<5,000	<1,000	84	<25	<25	<25	<25	<25	
	07/01/2004	<2,000	<400	100	<10	<10	<10	<10	<10	
	11/04/2004	<1,000	<200	130	<5.0	<5.0	5.5	<5.0	<5.0	
	01/10/2005	<1,000	<200	12	<5.0	<5.0	<5.0	<5.0	<5.0	
	04/14/2005	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
MW-2	1/23/2003	<4,000	<2,000	95	<50	<50	<50	<50	<50	
	4/7/2003	--	--	--	--	--	--	--	--	
	8/7/2003	--	--	--	--	--	--	--	--	
	10/23/2003	--	<100	68	<2.5	<2.5	16	<2.5	<2.5	
	07/01/2004	<100	28	72	<0.50	<0.50	15	<0.50	<0.50	
MW-3	1/23/2003	<8,000	<4,000	<100	<100	<100	<100	<100	<100	
	4/7/2003	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	8/7/2003	<20,000	<4,000	<100	<100	<100	<100	<100	<100	
	10/23/2003	--	<1,000	<25	<25	<25	<25	<25	<25	
	01/12/2004	<1,000	<200	<5.0	<10	<10	<10	<5.0	<5.0	
	04/20/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	07/01/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	11/23/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
	01/10/2005	<20,000	<4,000	<100	<100	<100	<100	<100	<100	
	04/14/2005	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
MW-4	1/23/2003	<200	<100	5.9	<2.5	<2.5	<2.5	<2.5	<2.5	
	4/7/2003	<100	<20	9.2	<0.5	<0.5	0.61	<0.5	<0.50	
	8/7/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
	10/23/2003	--	<100	12	<2.5	<2.5	<2.5	<2.5	<2.5	
	01/12/2004	<500	<100	4.3	<5.0	<5.0	<5.0	<2.5	<2.5	
	04/20/2004	<1,000	<200	12	<5.0	<5.0	<5.0	<5.0	<5.0	
	07/01/2004	<500	<100	15	<2.5	<2.5	<2.5	<2.5	<2.5	
	11/04/2004	<200	<40	5.7	<1.0	<1.0	<1.0	<1.0	<1.0	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-4	01/10/2005	<100	<20	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	04/14/2005	<100	<20	4.5	<0.50	<0.50	0.61	<0.50	<0.50	
MW-5	1/23/2003	<4,000	<2,000	<50	<50	<50	<50	<50	<50	
	4/7/2003	<500	<100	32	<2.5	<2.5	6.3	<2.5	<2.5	
	8/7/2003	<100	<20	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	10/23/2003	--	<20	12	<0.50	<0.50	1.7	<0.50	<0.50	
	01/12/2004	<100	<20	11	<1.0	<1.0	1.3	<0.50	<0.50	
	04/20/2004	<100	<20	12	<0.50	<0.50	3.0	<0.50	<0.50	
	07/01/2004	<100	<20	11	<0.50	<0.50	2.0	<0.50	<0.50	
	11/04/2004	<100	<20	9.4	<0.50	<0.50	2.0	<0.50	<0.50	
	01/10/2005	<100	<20	40	<0.50	<0.50	9.7	<0.50	<0.50	
	04/14/2005	<1,000	<200	40	<5.0	<5.0	9.3	<5.0	<5.0	
MW-6	1/23/2003	<200	<100	17	<2.5	<2.5	<2.5	<2.5	<2.5	a
	1/23/2003	<4,000	<2,000	<50	<50	<50	<50	<50	<50	
	4/7/2003	<100	<20	15	<0.5	<0.5	2.1	<0.5	<0.50	
	8/7/2003	--	--	--	--	--	--	--	--	
	01/12/2004	<5,000	<1,000	150	<50	<50	<50	<25	<25	
	11/04/2004	<2,000	<400	230	<10	<10	58	<10	<10	
	01/10/2005	<5,000	<1,000	240	<25	<25	65	<25	<25	
	04/14/2005	<1,000	<200	210	<5.0	<5.0	56	<5.0	<5.0	
MW-7	1/23/2003	<40	<20	<0.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	4/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	8/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	01/12/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
	04/20/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	11/04/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	01/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-8	1/23/2003	<40	<20	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	4/7/2003	<100	<20	19	<0.50	<0.50	<0.50	<0.50	<0.50	
	8/7/2003	<100	<20	0.96	<0.50	<0.50	<0.50	<0.50	<0.50	
	10/23/2003	--	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-8	01/12/2004	<100	<20	13	<1.0	<1.0	<1.0	<0.50	<0.50	
	04/20/2004	<100	<20	25	<0.50	<0.50	<0.50	<0.50	<0.50	
	07/01/2004	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
	11/04/2004	<100	<20	13	<0.50	<0.50	<0.50	<0.50	<0.50	
	01/10/2005	<100	<20	10	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-9	1/23/2003	<40	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
	4/7/2003	--	--	--	--	--	--	--	--	
	8/7/2003	--	--	--	--	--	--	--	--	
	07/01/2004	<100	<20	3.2	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-10	1/23/2003	<40	<20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
	4/7/2003	<100	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
	8/7/2003	<100	<20	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	01/12/2004	<100	<20	1.7	<1.0	<1.0	<1.0	<0.50	<0.50	
	07/01/2004	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
	01/10/2005	<100	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	b
MW-11	1/23/2003	<40	<20	<0.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	4/7/2003	--	--	--	--	--	--	--	--	
	8/7/2003	--	--	--	--	--	--	--	--	
	10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-12	10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-13	1/23/2003	<40	<20	<0.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	4/7/2003	--	--	--	--	--	--	--	--	
	8/7/2003	--	--	--	--	--	--	--	--	
	10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-14	1/23/2003	<40	<20	<0.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	4/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	8/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	01/12/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-14	07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	01/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-15	1/23/2003	<40	<20	<20	<0.50	<0.50	<0.50	<0.50	<0.50	
	4/7/2003	--	--	--	--	--	--	--	--	
	8/7/2003	--	--	--	--	--	--	--	--	
	07/01/2004	<100	<20	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

SYMBOLS & ABBREVIATIONS :

-- = Not analyzed/applicable/measured/available
< = Not detected at or above the laboratory reporting limit.
1,2-DCA = 1,2-Dichloroethane
DIPE = Di-Isopropyl ether
EDB = 1,2-Dibromoethane
ETBE = Ethyl tert-butyl ether
MTBE = Methyl tert-butyl ether
TAME = tert-Amyl methyl ether
TBA = tert-Butyl alcohol
ug/L = Micrograms per Liter

FOOTNOTES:

a =The sample was re-extracted beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
b = Calibration verification for ethanol is within method limits but outside contract limits.

NOTES:

All volatile organic compounds (Ethanol, TBA, MTBE, DIPE, ETBE, and TAME) analyzed using EPA Method 8260B.

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

Table 3
Groundwater Gradient Data
 ARCO Service Station #0601
 712 Lewelling Blvd., San Leandro, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
8/4/1994	Southwest	0.004
11/20/1994	Southwest	0.002
3/17/1995	West-Southwest	0.006
6/1/1995	Southwest	0.003
8/31/1995	South-Southwest	0.005
11/27/1995	South-Southwest	0.004
2/22/1996	Northwest	0.007
5/20/1996	Southwest	0.007
8/26/1996	South-Southwest	0.004
11/20/1996	South-Southeast	0.004
3/24/1997	Southeast	0.013
5/23/1997	Southeast	0.014
8/19/1997	Southeast	0.04
11/19/1997	Southeast	0.016
2/19/1998	East	Variable
4/23/1998	Variable	Variable
7/27/1998	Southeast	0.05
10/14/1998	Southeast	0.02
1/21/1999	East	0.04
5/6/1999	Southeast	0.05
8/23/1999	Southeast	0.02
10/28/1999	Southeast	0.04
2/4/2000	East-Southeast	0.053
6/20/2000	East-Southeast	0.023
9/29/2000	East-Southeast	0.023
12/17/2000	East-Southeast	0.01
3/28/2001	East-Southeast	0.014
6/20/2001	East-Southeast	0.022
9/22/2001	East-Southeast	0.025
12/27/2001	East-Southeast	0.025
3/15/2002	East	0.015
4/18/2002	East	0.015
7/23/2002	East-Southeast	0.025
10/16/2002	East-Southeast	0.022
1/23/2003	East	0.020
4/7/2003	East-Southeast	0.033
8/7/2003	East-Southeast	0.047
10/23/2003	Southeast	0.047

Table 3

Groundwater Gradient Data
ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
1/12/2004	Southeast	0.042
4/20/2004	Southwest	0.005
7/1/2004	West	0.005
11/4/2004	West to Southwest	0.011 to 0.003
1/10/2005	West to North	0.02 to 0.03
4/14/2005	Northwest to Southwest	0.005 to 0.02

NOTES:

Wells resurveyed on 2/27/2004

Source: The data within this table collected prior to July 2002 was provided to URS by Alameda County Environmental Health (07/17/94-03/17/95) and RM and their previous consultants (06/01/95-04/18/02). Previous consultant did not provide groundwater flow direction or gradient measurements for monitoring events occurring 07/17/90 through 05/05/94. URS has not verified the accuracy of this information.

Table 4
Groundwater Analytical Data
Volatile and Semivolatile Organic Compounds

ARCO Service Station #0601
712 Lewelling Blvd
San Leandro, California

Well Number	Date Sampled	VOCs by EPA Method 601/8010 or 624/8240							SemiVOCs by EPA Method 3520/8270				
		Methylene Chloride (µg/L)	1,2-DCA (µg/L)	1,1 DCA (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	2-Methyl naphthalene (µg/L)	Bis (2-ethylhexyl) Phthalate (µg/L)	2,4-Di methyl-phenol (µg/L)	Phenol (µg/L)
MW-1	07/18/90	Not sampled: well contained floating product											
	10/15/90	Not sampled: well contained floating product											
	01/09/91	Not sampled: well contained floating product											
	04/16/91	Not sampled: well contained floating product											
	08/10/91	Not sampled: well contained floating product											
	10/10/91	Not sampled: well contained floating product											
	03/23/92	Not sampled: well contained floating product											
	06/08/92	Not sampled: well contained floating product											
	09/15/92	Not sampled: well contained floating product											
	11/16/92	Not sampled: well contained floating product											
	02/16/93	Not sampled: well contained floating product											
	05/13/93	Not sampled: well contained floating product											
	08/17/93	Not sampled: well contained floating product											
	11/08/93	Not sampled: well contained floating product											
	02/14/94	Not sampled: well contained floating product											
	05/05/94	Not sampled: well contained floating product											
	08/04/94	Not sampled: well contained floating product											
	11/20/94	Not sampled: well contained floating product											
	03/17/95	NA	NA	NA	NA	NA	NA	NA	1,300	730	<50	150	NA
	06/01/95	NA	NA	NA	NA	NA	NA	NA	2,200	1,700	<100	<100	240
	08/31/95	Not sampled: well contained floating product											
	11/27/95	Not sampled: well contained floating product											
	02/22/96	Not sampled: well contained floating product											
	05/20/96	NA	NA	NA	NA	NA	NA	NA	1,200	860	<50	<50	<50
	08/26/96	NA	NA	NA	NA	NA	NA	NA	2,300	1,800	<500	<1,000	<500
	11/20/96	NA	NA	NA	NA	NA	NA	NA	590	250	91	<100	<50
	03/24/97	NA	NA	NA	NA	NA	NA	NA	730	610	<50	<100	<50

Table 4
Groundwater Analytical Data
Volatile and Semivolatile Organic Compounds

ARCO Service Station #0601
712 Lewelling Blvd
San Leandro, California

Well Number	Date Sampled	VOCs by EPA Method 601/8010 or 624/8240							SemiVOCs by EPA Method 3520/8270				
		Methylene Chloride (µg/L)	1,2-DCA (µg/L)	1,1 DCA (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	2-Methyl naphthalene (µg/L)	Bis (2-ethylhexyl) Phthalate (µg/L)	2,4-Di methyl-phenol (µg/L)	Phenol (µg/L)
MW-1	05/23/97	Not analyzed: well MW-8 was sampled for additional parameters in lieu of well MW-1											
cont.	08/19/97	NA	NA	NA	NA	NA	NA	NA	1,300	790	<50	<100	<50
	11/19/97	NA	NA	NA	NA	NA	NA	NA	<5	<5	5	<10	<5
	02/19/98	NA	NA	NA	NA	NA	NA	NA	870	330	<50	<100	<50
	04/23/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/27/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/14/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/21/99	NA	NA	NA	NA	NA	NA	NA	950	580	<50	<100	<50
	05/06/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/23/99	NA	NA	NA	NA	NA	NA	NA	1,200	400	<50	<100	<50
	10/28/99	NA	NA	NA	NA	NA	NA	NA	1,100	320	<50	<100	<50
	02/04/00	NA	NA	NA	NA	NA	NA	NA	780	330	<50	<100	<50
	04/07/03	NA	NA	NA	NA	NA	NA	NA	700	260	<9.6	ND (a)	<4.8
	08/07/03	NA	NA	NA	NA	NA	NA	NA	1,100	360	<47	<47	<24
	10/23/03	NA	NA	NA	NA	NA	NA	NA	1,100	370	<48	<48	<24
	01/12/04	NA	NA	NA	NA	NA	NA	NA	1,000	330	62	<24	<24
	04/20/04	NA	NA	NA	NA	NA	NA	NA	1,200	440	140	<9.8	<9.8
	07/01/04	NA	NA	NA	NA	NA	NA	NA	580	240	66	<51	<25
	11/04/04	NA	<5.0	NA	650	<5.0	300	12	890	410	68	<49	<24
	01/10/05	NA	<5.0	NA	280	<5.0	130	12	750	230	300	<50	<25
	04/20/05	NA	<50	NA	NA	NA	NA	NA	490	140	<50	<50	<25
MW-2	07/18/90	39	ND	ND	3,200	2,400	270	2,900	340	170	ND	ND	NA
	10/15/90	18	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/09/91	ND	6.5	ND	1,700	1,200	370	2,400	NA	NA	NA	NA	NA
	04/16/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/10/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/91	ND	1.7	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/92	Not analyzed: sampling for additional parameters was discontinued											
MW-8	06/10/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/92	ND	ND	ND	23	<5.0 (b)	450	23	NA	NA	NA	NA	NA

Table 4
Groundwater Analytical Data
Volatile and Semivolatile Organic Compounds

ARCO Service Station #0601
712 Lewelling Blvd
San Leandro, California

Well Number	Date Sampled	VOCs by EPA Method 601/8010 or 624/8240							SemiVOCs by EPA Method 3520/8270				
		Methylene Chloride (µg/L)	1,2-DCA (µg/L)	1,1 DCA (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	2-Methyl naphthalene (µg/L)	Bis (2-ethylhexyl) Phthalate (µg/L)	2,4-Di methyl-phenol (µg/L)	Phenol (µg/L)
	06/08/92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4
Groundwater Analytical Data
Volatile and Semivolatile Organic Compounds

ARCO Service Station #0601
712 Lewelling Blvd
San Leandro, California

Well Number	Date Sampled	VOCs by EPA Method 601/8010 or 624/8240							SemiVOCs by EPA Method 3520/8270				
		Methylene Chloride (µg/L)	1,2-DCA (µg/L)	1,1 DCA (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	2-Methyl naphthalene (µg/L)	Bis (2-ethylhexyl) Phthalate (µg/L)	2,4-Di methyl-phenol (µg/L)	Phenol (µg/L)
	09/15/92	ND	ND	ND	NA	NA	NA	NA	ND	ND	6	ND	NA
	11/16/92	ND	ND	ND	NA	NA	NA	NA	32	ND	ND	ND	NA
	02/16/93	ND	ND	ND	NA	NA	NA	NA	730	130	ND	ND	NA
MW-8	05/13/93	ND	ND	ND	NA	NA	NA	NA	97	20	ND	ND	NA
cont.	08/17/93	ND	ND	ND	NA	NA	NA	NA	26	ND	ND	ND	NA
	11/08/93	ND	ND	ND	NA	NA	NA	NA	20	ND	19	ND	NA
	02/14/94	NA	NA	NA	NA	NA	NA	NA	350	65	ND	ND	NA
	05/05/94	<0.5	<0.5	0.7	NA	NA	NA	NA	23	<10	<10	ND	NA
	08/04/94	NA	NA	NA	NA	NA	NA	NA	11	<10	10	ND	NA
	12/13/94	NA	NA	NA	NA	NA	NA	NA	14	<10	14	ND	NA
	03/17/95	Not Analyzed: well MW-1 was sampled for additional parameters in lieu of well MW-8											
	08/31/95	NA	NA	NA	NA	NA	NA	NA	62	8	<5	<5	<5
	11/27/95	NA	NA	NA	NA	NA	NA	NA	15	<5	<5	<5	<5
	03/14/96	NA	NA	NA	NA	NA	NA	NA	400	55	<50	<50	<50
	05/23/97	NA	NA	NA	NA	NA	NA	NA	26	<5	<5	<10	<5
	04/07/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SYMBOLS & ABBREVIATIONS:

< = Not detected at or above laboratory reporting limit
1,1 DCA = 1,1 Dichloroethane
1,2-DCA = 1,2 Dichloroethane
NA = Not analyzed, not applicable, or not available
ND = Not detected at or above laboratory reporting limits
SemiVOC = Semi Volatile Organic Compound
µg/L = Micrograms per liter
VOC = Volatile Organic Compound

FOOTNOTES:

- Sample was ND for 2-Methylphenol and ND for 4-Methylphenol. Analysis not performed for 2,4-Dimethylphenol.
- Method reporting limit was raised due to high analyte concentration requiring sample dilution or matrix interference.

NOTES:

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

ATTACHMENT A
FIELD PROCEDURES AND FIELD DATA SHEETS

FIELD PROCEDURES

Sampling Procedures

The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear TeflonTM bailer or an oil-water interface probe.

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

WELL GAUGING DATA

Project # 050414-SS1 Date 4/14/05 Client ARCO 601

Site 712 LEWELING BLVD. SAN LEANDRO

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
S MW-1	4					7.20	11.10		No bolts 2 bad tabs NP 27'
MW-2	4					5.75	10.30		2 broken tabs
S MW-3	4					5.60	11.95		NP 28'
S MW-4	4					7.20	8.48		missing 1 bolt NP 1 bad tab
S MW-5	4					5.67	10.05		NP
S MW-6	4					6.85	8.55		NP
MW-7	4					7.95	9.55		2 stripped NP tabs
MW-8	4					5.74	10.18		missing 1 bolt NP 1 bad tab
MW-9	2					6.90	16.24		
MW-10	2					6.68	18.67		NP H ₂ O
MW-11	4					6.77	11.85		G
MW-12	4					6.95	11.60		2 stripped 6 tabs H ₂ O
MW-13	2					6.88	12.98		G
MW-14	2					7.70	12.97		2 stripped tabs NP 27.5'
MW-15	2					5.40	10.05		

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050414-SS1</u>	Station # <u>ARCO 601</u>
Sampler: <u>SOOCH</u>	Date: <u>4/14/05</u>
Well I.D.: <u>MW-1</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>11.10</u>	Depth to Water: <u>7.20</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

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

Sampling Method: Bailer
~~Disposable Bailer~~
~~Extraction Port~~
 Other: _____

Top of Screen: 7' If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>GRAB</u>	X	_____	=	_____ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>1035</u>	<u>65.6</u>	<u>7.0</u>	<u>671</u>	—	<u>clear / gas odor</u>

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

Sampling Time: 1035 Sampling Date: 4/14/05

Sample I.D.: MW-1 Laboratory: Pacé Sequon Other: _____

Analyzed for: GRO BTEX MTBE DRO Other: see scope

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.1 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050414-SS1</u>	Station # <u>ARCO 601</u>
Sampler: <u>SOOCH</u>	Date: <u>4/14/05</u>
Well I.D.: <u>1 1/2"</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>11.95</u>	Depth to Water: <u>5.60</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

Purge Method: <u>Bailer</u> <u>Disposable Bailer</u> <u>Positive Air Displacement</u> <u>Electric Submersible</u> <u>Extraction Pump</u> Other: _____	Sampling Method: <u>Bailer</u> <u>Disposable Bailer</u> <u>Extraction Port</u> Other: _____
--	--

Top of Screen: 8' If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>4.1</u>	X	<u>3</u>	=	<u>12.3</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>1101</u>	<u>65.7</u>	<u>7.2</u>	<u>762</u>	<u>4.1</u>	<u>clear / gas odor</u>
<u>1102</u>	<u>65.2</u>	<u>7.0</u>	<u>755</u>	<u>8.2</u>	<u>" "</u>
<u>1103</u>	<u>65.3</u>	<u>7.0</u>	<u>749</u>	<u>12.5</u>	<u>" "</u>

Did well dewater? Yes <u>No</u>	Gallons actually evacuated: <u>12.5</u>
Sampling Time: <u>1108</u>	Sampling Date: <u>4/14/05</u>
Sample I.D.: <u>nw-3</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: GRO BTEX MTBE DRO	Other: <u>see sample</u>
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>2.3</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

42 ambers

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050414-SS1</u>	Station # <u>ARCO 601</u>
Sampler: <u>500cft</u>	Date: <u>4/14/05</u>
Well I.D.: <u>mw-4</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 <u> </u>
Total Well Depth: <u>8.48</u>	Depth to Water: <u>7.20</u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

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

Sampling Method: Bailer
~~Disposable Bailer~~
~~Extraction Port~~
 Other:

Top of Screen: no purge 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 Specified Volumes	= Calculated Volume Gals.
-----------------------	---------------------	---------------------------

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>1005</u>	<u>64.6</u>	<u>7.0</u>	<u>1424</u>	<u> </u>	<u>almost clear</u>

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

Sampling Time: 1005 Sampling Date: 4/14/05

Sample I.D.: mw-4 Laboratory: Pace Sequoia Other:

Analyzed for: GRO BTEX MTBE DRO Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	<u>2.5</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050414-SS1</u>	Station # <u>ARCO 601</u>
Sampler: <u>SOOCH</u>	Date: <u>4/14/05</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>10.05</u>	Depth to Water: <u>5.67</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

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

Sampling Method: Bailer
~~Disposable Bailer~~
~~Extraction Port~~
 Other: _____

Top of Screen: NO PURGE. 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	Specified Volumes	=	Gals.
Calculated Volume				

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>950</u>	<u>67.3</u>	<u>6.8</u>	<u>1676</u>	<u>—————</u>	<u>clear</u>

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: 950 Sampling Date: 4/14/05

Sample I.D.: MW-5 Laboratory: Pace Sequoia Other

Analyzed for: GRO BTEX MTBE DRO Other: see scope

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

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ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050414-SS1</u>	Station # <u>ARCO 601</u>
Sampler: <u>Sooch</u>	Date: <u>4/14/05</u>
Well I.D.: <u>MW-6</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 <u> </u>
Total Well Depth: <u>8.55</u>	Depth to Water: <u>6.85</u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

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

Sampling Method: Bailer
~~Disposable Bailer~~
~~Extraction Port~~
 Other:

Top of Screen: no purge 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 Specified Volumes	= Calculated Volume Gals.
-----------------------	---------------------	---------------------------

Time	Temp (°F)	pH	Conductivity (mS or <u>μS</u>)	Gals. Removed	Observations
<u>1045</u>	<u>63.9</u>	<u>6.9</u>	<u>1344</u>	<u> </u>	<u>clear</u>

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: 1045 Sampling Date: 4/14/05

Sample I.D.: MW-6 Laboratory: Pace Sequia Other

Analyzed for: GRO BTEX MTBE DRO Other: HC 4000

D.O. (if req'd):	Pre-purge: <u> </u> mg/L	Post-purge: <u>2.7</u> mg/L
O.R.P. (if req'd):	Pre-purge: <u> </u> mV	Post-purge: <u> </u> mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050720-BP3	Station # 601 - 712 Leavelle Blvd. San Leandro
Sampler: B Pump	Date: 4-20-05
Well I.D.: MW-1	Well Diameter: 2 3 4 6 8
Total Well Depth: 11.0	Depth to Water: 7.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PDS 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	radius ² * 0.163

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

Sampling Method: Bailer Disposable Bailer Extraction Port Other: _____

Top of Screen: 7.0 If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1440	68.4	6.6	896	_____	

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

Sampling Time: 1440 Sampling Date: 4-20-05

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

Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol Other: See SOW-VOL's 8210

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

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

BP GEM OIL COMPANY TYPE **A** BILL OF LADING

SOURCE RECORD BILL OF LADING FOR NON-
HAZARDOUS PURGEWATER RECOVERED FROM
GROUNDWATER WELLS AT BP GEM OIL COMPANY
FACILITIES IN THE STATE OF CALIFORNIA. THE NON-
HAZARDOUS PURGE- WATER WHICH HAS BEEN
RECOVERED FROM GROUND- WATER WELLS IS
COLLECTED BY THE CONTRACTOR, MADE UP INTO
LOADS OF APPROPRIATE SIZE AND HAULED BY
DILLARD ENVIRONMENTAL TO THE ALTAMONT
LANDFILL AND RESOURCE RECOVERY FACILITY IN
LIVERMORE, CALIFORNIA.

The contractor performing this work is PLAINE TECH
SERVICES, INC. (BTS), 1680 Rogers Avenue, San Jose, CA
95112 (phone [408] 573-0555). Blaine Tech Services, Inc. is
authorized by BP GEM OIL COMPANY to recover, collect,
apportion into loads the Non-Hazardous Well Purgewater that is
drawn from wells at the BP GEM Oil Company facility indicated
below and deliver that purgewater to BTS. Transport routing of
the Non-Hazardous Well Purgewater may be direct from one BP
GEM facility to the designated destination point; from one BP
GEM facility to the designated destination point via another BP
GEM facility; from a BP GEM facility to the designated
destination point via the contractor's facility, or any combination
thereof. The Non-Hazardous Well Purgewater is and remains the
property of BP GEM Oil Company.

This Source Record BILL OF LADING was initiated to
cover the recovery of Non-Hazardous Well Purgewater from wells
at the BP GEM Oil Company facility described below:

Station #

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

added equip.
rinse water

any other
adjustments

TOTAL GALS.
RECOVERED

loaded onto
BTS vehicle #

BTS event #

time date

signature

REC'D AT

time date

unloaded by
signature

601

712 LEBRON BLVD. San Leandro

13

97

050414-551

1130

4/14/95

BTS

1600

4/14/95

ATTACHMENT B

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

LABORATORY PROCEDURES

Laboratory Procedures

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



5 May, 2005

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

RE: ARCO #0601, San Leandro, CA
Work Order: MOD0559

Enclosed are the results of analyses for samples received by the laboratory on 04/21/05 14:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210



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

Project: ARCO #0601, San Leandro, CA
Project Number: G0C23-0004
Project Manager: Scott Robinson

MOD0559
Reported:
05/05/05 09:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MOD0559-01	Water	04/20/05 14:40	04/21/05 14:55
TB-601-04202005	MOD0559-02	Water	04/20/05 14:40	04/21/05 14:55

These samples were received with no custody seals.

MS/MSD is reported for all batches in which the laboratory received sufficient sample volume to perform the MS/MSD analysis. In the case where there was insufficient sample volume received for all samples associated in the batch, LCS/LCSD is analyzed in place of the MS/MSD.

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

Project: ARCO #0601, San Leandro, CA
Project Number: G0C23-0004
Project Manager: Scott Robinson

MOD0559
Reported:
05/05/05 09:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOD0559-01) Water Sampled: 04/20/05 14:40 Received: 04/21/05 14:55									BS
Acenaphthene	ND	25	ug/l	5	5D27030	04/27/05	04/29/05	EPA 8270C	
Acenaphthylene	ND	25	"	"	"	"	"	"	
Anthracene	ND	25	"	"	"	"	"	"	
Benzo (a) anthracene	ND	25	"	"	"	"	"	"	
Benzo (a) pyrene	ND	25	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	25	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	50	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	25	"	"	"	"	"	"	
Benzoic acid	ND	100	"	"	"	"	"	"	
Benzyl alcohol	ND	50	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	25	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	50	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	25	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	50	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	25	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	25	"	"	"	"	"	"	
4-Chloroaniline	ND	250	"	"	"	"	"	"	
2-Chloronaphthalene	ND	25	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	25	"	"	"	"	"	"	
2-Chlorophenol	ND	25	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	50	"	"	"	"	"	"	
Chrysene	ND	25	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	25	"	"	"	"	"	"	
Dibenzofuran	ND	25	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	25	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	250	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	25	"	"	"	"	"	"	
Diethyl phthalate	ND	25	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	50	"	"	"	"	"	"	
Dimethyl phthalate	ND	25	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	25	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	50	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	25	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	25	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	50	"	"	"	"	"	"	
Fluoranthene	ND	25	"	"	"	"	"	"	
Fluorene	ND	25	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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

Project: ARCO #0601, San Leandro, CA
Project Number: G0C23-0004
Project Manager: Scott Robinson

MOD0559
Reported:
05/05/05 09:33

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOD0559-01) Water Sampled: 04/20/05 14:40 Received: 04/21/05 14:55									BS
Hexachlorobenzene	ND	25	ug/l	5	5D27030	04/27/05	04/29/05	EPA 8270C	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	50	"	"	"	"	"	"	
Hexachloroethane	ND	50	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	50	"	"	"	"	"	"	
Isophorone	ND	25	"	"	"	"	"	"	
2-Methylnaphthalene	140	25	"	"	"	"	"	"	
2-Methylphenol	ND	25	"	"	"	"	"	"	
4-Methylphenol	ND	25	"	"	"	"	"	"	
Naphthalene	490	25	"	"	"	"	"	"	
2-Nitroaniline	ND	50	"	"	"	"	"	"	
3-Nitroaniline	ND	500	"	"	"	"	"	"	
4-Nitroaniline	ND	250	"	"	"	"	"	"	
Nitrobenzene	ND	25	"	"	"	"	"	"	
2-Nitrophenol	ND	25	"	"	"	"	"	"	
4-Nitrophenol	ND	50	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	25	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	50	"	"	"	"	"	"	
Pentachlorophenol	ND	50	"	"	"	"	"	"	
Phenanthrene	ND	25	"	"	"	"	"	"	
Phenol	ND	25	"	"	"	"	"	"	
Pyrene	ND	25	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	25	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	25	"	"	"	"	"	"	
<i>Surrogate: 2-Fluorophenol</i>		42 %	40-115		"	"	"	"	
<i>Surrogate: Phenol-d6</i>		32 %	20-115		"	"	"	"	
<i>Surrogate: Nitrobenzene-d5</i>		73 %	50-115		"	"	"	"	
<i>Surrogate: 2-Fluorobiphenyl</i>		77 %	70-115		"	"	"	"	
<i>Surrogate: 2,4,6-Tribromophenol</i>		88 %	35-115		"	"	"	"	
<i>Surrogate: p-Terphenyl-d14</i>		80 %	70-130		"	"	"	"	

URS Corporation [Arco]
1333 Broadway, Suite 800
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Project: ARCO #0601, San Leandro, CA
Project Number: G0C23-0004
Project Manager: Scott Robinson

MOD0559
Reported:
05/05/05 09:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5D27030 - EPA 3510C SepFunnel / EPA 8270C

Blank (5D27030-BLK1)				Prepared: 04/27/05 Analyzed: 04/29/05				BS	
Acenaphthene	ND	5.0	ug/l						
Acenaphthylene	ND	5.0	"						
Anthracene	ND	5.0	"						
Benzo (a) anthracene	ND	5.0	"						
Benzo (a) pyrene	ND	5.0	"						
Benzo (b) fluoranthene	ND	5.0	"						
Benzo (g,h,i) perylene	ND	10	"						
Benzo (k) fluoranthene	ND	5.0	"						
Benzoic acid	ND	20	"						
Benzyl alcohol	ND	10	"						
Bis(2-chloroethoxy)methane	ND	5.0	"						
Bis(2-chloroethyl)ether	ND	10	"						
Bis(2-chloroisopropyl)ether	ND	5.0	"						
Bis(2-ethylhexyl)phthalate	ND	10	"						
4-Bromophenyl phenyl ether	ND	5.0	"						
Butyl benzyl phthalate	ND	5.0	"						
4-Chloroaniline	ND	50	"						
2-Chloronaphthalene	ND	5.0	"						
4-Chloro-3-methylphenol	ND	5.0	"						
2-Chlorophenol	ND	5.0	"						
4-Chlorophenyl phenyl ether	ND	10	"						
Chrysene	ND	5.0	"						
Dibenz (a,h) anthracene	ND	5.0	"						
Dibenzofuran	ND	5.0	"						
Di-n-butyl phthalate	ND	5.0	"						
1,2-Dichlorobenzene	ND	10	"						
1,3-Dichlorobenzene	ND	10	"						
1,4-Dichlorobenzene	ND	10	"						
3,3'-Dichlorobenzidine	ND	50	"						
2,4-Dichlorophenol	ND	5.0	"						
Diethyl phthalate	ND	5.0	"						
2,4-Dimethylphenol	ND	10	"						
Dimethyl phthalate	ND	5.0	"						
4,6-Dinitro-2-methylphenol	ND	5.0	"						
2,4-Dinitrophenol	ND	10	"						

Sequoia Analytical - Morgan Hill

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

Project: ARCO #0601, San Leandro, CA
Project Number: G0C23-0004
Project Manager: Scott Robinson

MOD0559
Reported:
05/05/05 09:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5D27030 - EPA 3510C SepFunnel / EPA 8270C

Blank (5D27030-BLK1)

Prepared: 04/27/05 Analyzed: 04/29/05

BS

2,4-Dinitrotoluene	ND	5.0	ug/l							
2,6-Dinitrotoluene	ND	5.0	"							
Di-n-octyl phthalate	ND	10	"							
Fluoranthene	ND	5.0	"							
Fluorene	ND	5.0	"							
Hexachlorobenzene	ND	5.0	"							
Hexachlorobutadiene	ND	10	"							
Hexachlorocyclopentadiene	ND	10	"							
Hexachloroethane	ND	10	"							
Indeno (1,2,3-cd) pyrene	ND	10	"							
Isophorone	ND	5.0	"							
2-Methylnaphthalene	ND	5.0	"							
2-Methylphenol	ND	5.0	"							
4-Methylphenol	ND	5.0	"							
Naphthalene	ND	5.0	"							
2-Nitroaniline	ND	10	"							
3-Nitroaniline	ND	100	"							
4-Nitroaniline	ND	50	"							
Nitrobenzene	ND	5.0	"							
2-Nitrophenol	ND	5.0	"							
4-Nitrophenol	ND	10	"							
N-Nitrosodi-n-propylamine	ND	5.0	"							
N-Nitrosodiphenylamine	ND	10	"							
Pentachlorophenol	ND	10	"							
Phenanthrene	ND	5.0	"							
Phenol	ND	5.0	"							
Pyrene	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	10	"							
2,4,5-Trichlorophenol	ND	5.0	"							
2,4,6-Trichlorophenol	ND	5.0	"							
Surrogate: 2-Fluorophenol	57.2		"	100		57	40-115			
Surrogate: Phenol-d6	45.6		"	100		46	20-115			
Surrogate: Nitrobenzene-d5	28.3		"	50.0		57	50-115			
Surrogate: 2-Fluorobiphenyl	35.9		"	50.0		72	70-115			
Surrogate: 2,4,6-Tribromophenol	77.7		"	100		78	35-115			

Sequoia Analytical - Morgan Hill

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

Project: ARCO #0601, San Leandro, CA
Project Number: G0C23-0004
Project Manager: Scott Robinson

MOD0559
Reported:
05/05/05 09:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5D27030 - EPA 3510C SepFunnel / EPA 8270C

Blank (5D27030-BLK1) Prepared: 04/27/05 Analyzed: 04/29/05 **BS**

Surrogate: *p*-Terphenyl-d14 37.0 ug/l 50.0 74 70-130

Laboratory Control Sample (5D27030-BS1) Prepared: 04/27/05 Analyzed: 04/29/05 **BS**

Acenaphthene	44.3	5.0	ug/l	50.0		89	75-115			
Acenaphthylene	44.6	5.0	"	50.0		89	33-145			
Anthracene	45.3	5.0	"	50.0		91	27-133			
Benzo (a) anthracene	43.9	5.0	"	50.0		88	33-143			
Benzo (a) pyrene	45.0	5.0	"	50.0		90	17-163			
Benzo (b) fluoranthene	43.5	5.0	"	50.0		87	24-159			
Benzo (g,h,i) perylene	50.4	10	"	50.0		101	10-219			
Benzo (k) fluoranthene	45.8	5.0	"	50.0		92	11-162			
Benzyl alcohol	36.9	10	"	50.0		74	50-150			
Bis(2-chloroethoxy)methane	40.6	5.0	"	50.0		81	33-184			
Bis(2-chloroethyl)ether	40.6	10	"	50.0		81	12-158			
Bis(2-chloroisopropyl)ether	40.1	5.0	"	50.0		80	36-166			
Bis(2-ethylhexyl)phthalate	45.9	10	"	50.0		92	8-158			
4-Bromophenyl phenyl ether	42.2	5.0	"	50.0		84	53-127			
Butyl benzyl phthalate	46.2	5.0	"	50.0		92	50-150			
4-Chloroaniline	37.5	50	"	50.0		75	50-150			
2-Chloronaphthalene	39.6	5.0	"	50.0		79	60-118			
4-Chloro-3-methylphenol	38.3	5.0	"	50.0		77	75-130			
2-Chlorophenol	37.0	5.0	"	50.0		74	45-120			
4-Chlorophenyl phenyl ether	45.2	10	"	50.0		90	22-147			
Chrysene	42.3	5.0	"	50.0		85	17-168			
Dibenz (a,h) anthracene	25.0	5.0	"	50.0		50	10-227			
Dibenzofuran	43.5	5.0	"	50.0		87	50-150			
Di-n-butyl phthalate	47.4	5.0	"	50.0		95	1-118			
1,2-Dichlorobenzene	32.0	10	"	50.0		64	32-129			
1,3-Dichlorobenzene	28.4	10	"	50.0		57	10-172			
1,4-Dichlorobenzene	30.6	10	"	50.0		61	35-115			
2,4-Dichlorophenol	39.4	5.0	"	50.0		79	50-150			
Diethyl phthalate	48.6	5.0	"	50.0		97	10-114			
2,4-Dimethylphenol	36.2	10	"	50.0		72	32-119			
Dimethyl phthalate	46.0	5.0	"	50.0		92	10-112			
4,6-Dinitro-2-methylphenol	43.8	5.0	"	50.0		88	10-181			
2,4-Dinitrophenol	35.1	10	"	50.0		70	10-191			

Sequoia Analytical - Morgan Hill

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

Project: ARCO #0601, San Leandro, CA
Project Number: G0C23-0004
Project Manager: Scott Robinson

MOD0559
Reported:
05/05/05 09:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5D27030 - EPA 3510C SepFunnel / EPA 8270C

Laboratory Control Sample (5D27030-BS1)				Prepared: 04/27/05		Analyzed: 04/29/05		BS		
2,4-Dinitrotoluene	47.7	5.0	ug/l	50.0		95	75-120			
2,6-Dinitrotoluene	47.2	5.0	"	50.0		94	50-150			
Di-n-octyl phthalate	42.0	10	"	50.0		84	4-146			
Fluoranthene	48.5	5.0	"	50.0		97	26-137			
Fluorene	46.9	5.0	"	50.0		94	59-121			
Hexachlorobenzene	43.3	5.0	"	50.0		87	10-152			
Hexachlorobutadiene	28.3	10	"	50.0		57	24-116			
Hexachlorocyclopentadiene	32.1	10	"	50.0		64	50-150			
Hexachloroethane	24.5	10	"	50.0		49	40-113			
Indeno (1,2,3-cd) pyrene	49.1	10	"	50.0		98	10-171			
Isophorone	37.0	5.0	"	50.0		74	21-196			
2-Methylnaphthalene	39.8	5.0	"	50.0		80	50-150			
2-Methylphenol	37.9	5.0	"	50.0		76	50-150			
4-Methylphenol	28.4	5.0	"	25.0		114	50-150			
Naphthalene	38.2	5.0	"	50.0		76	21-133			
2-Nitroaniline	39.2	10	"	50.0		78	50-150			
3-Nitroaniline	40.1	100	"	50.0		80	50-150			
4-Nitroaniline	44.8	50	"	50.0		90	50-150			
Nitrobenzene	35.5	5.0	"	50.0		71	35-180			
2-Nitrophenol	40.1	5.0	"	50.0		80	29-182			
4-Nitrophenol	17.5	10	"	50.0		35	15-115			
N-Nitrosodi-n-propylamine	42.0	5.0	"	50.0		84	55-120			
N-Nitrosodiphenylamine	47.8	10	"	50.0		96	50-150			
Pentachlorophenol	40.7	10	"	50.0		81	30-120			
Phenanthrene	44.8	5.0	"	50.0		90	50-150			
Phenol	17.3	5.0	"	50.0		35	25-115			
Pyrene	43.5	5.0	"	50.0		87	75-140			
1,2,4-Trichlorobenzene	33.2	10	"	50.0		66	35-115			
2,4,5-Trichlorophenol	45.1	5.0	"	50.0		90	50-150			
2,4,6-Trichlorophenol	41.6	5.0	"	50.0		83	37-144			
Surrogate: 2-Fluorophenol	51.0		"	100		51	40-115			
Surrogate: Phenol-d6	35.3		"	100		35	20-115			
Surrogate: Nitrobenzene-d5	35.1		"	50.0		70	50-115			
Surrogate: 2-Fluorobiphenyl	41.0		"	50.0		82	70-115			
Surrogate: 2,4,6-Tribromophenol	91.6		"	100		92	35-115			

Sequoia Analytical - Morgan Hill

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

Project: ARCO #0601, San Leandro, CA
Project Number: G0C23-0004
Project Manager: Scott Robinson

MOD0559
Reported:
05/05/05 09:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5D27030 - EPA 3510C SepFunnel / EPA 8270C										
Laboratory Control Sample (5D27030-BS1)				Prepared: 04/27/05 Analyzed: 04/29/05				BS		
Surrogate: <i>p</i> -Terphenyl-d14	45.5		ug/l	50.0		91	70-130			
Laboratory Control Sample Dup (5D27030-BSD1)				Prepared: 04/27/05 Analyzed: 04/29/05				BS		
Acenaphthene	46.8	5.0	ug/l	50.0		94	75-115	5	15	
Acenaphthylene	46.3	5.0	"	50.0		93	33-145	4	20	
Anthracene	45.8	5.0	"	50.0		92	27-133	1	20	
Benzo (a) anthracene	42.6	5.0	"	50.0		85	33-143	3	20	
Benzo (a) pyrene	45.1	5.0	"	50.0		90	17-163	0.2	20	
Benzo (b) fluoranthene	43.2	5.0	"	50.0		86	24-159	0.7	20	
Benzo (g,h,i) perylene	42.2	10	"	50.0		84	10-219	18	20	
Benzo (k) fluoranthene	46.0	5.0	"	50.0		92	11-162	0.4	20	
Benzyl alcohol	38.8	10	"	50.0		78	50-150	5	20	
Bis(2-chloroethoxy)methane	44.6	5.0	"	50.0		89	33-184	9	20	
Bis(2-chloroethyl)ether	42.6	10	"	50.0		85	12-158	5	20	
Bis(2-chloroisopropyl)ether	41.6	5.0	"	50.0		83	36-166	4	20	
Bis(2-ethylhexyl)phthalate	45.8	10	"	50.0		92	8-158	0.2	20	
4-Bromophenyl phenyl ether	42.5	5.0	"	50.0		85	53-127	0.7	20	
Butyl benzyl phthalate	47.1	5.0	"	50.0		94	50-150	2	20	
4-Chloroaniline	40.8	50	"	50.0		82	50-150	8	20	
2-Chloronaphthalene	39.7	5.0	"	50.0		79	60-118	0.3	20	
4-Chloro-3-methylphenol	44.9	5.0	"	50.0		90	75-130	16	15	RB
2-Chlorophenol	38.6	5.0	"	50.0		77	45-120	4	35	
4-Chlorophenyl phenyl ether	47.7	10	"	50.0		95	22-147	5	20	
Chrysene	42.6	5.0	"	50.0		85	17-168	0.7	20	
Dibenz (a,h) anthracene	22.2	5.0	"	50.0		44	10-227	12	20	
Dibenzofuran	45.7	5.0	"	50.0		91	50-150	5	20	
Di-n-butyl phthalate	48.0	5.0	"	50.0		96	1-118	1	20	
1,2-Dichlorobenzene	33.0	10	"	50.0		66	32-129	3	20	
1,3-Dichlorobenzene	29.7	10	"	50.0		59	10-172	4	20	
1,4-Dichlorobenzene	31.4	10	"	50.0		63	35-115	3	20	
2,4-Dichlorophenol	42.4	5.0	"	50.0		85	50-150	7	20	
Diethyl phthalate	53.4	5.0	"	50.0		107	10-114	9	20	
2,4-Dimethylphenol	38.5	10	"	50.0		77	32-119	6	20	
Dimethyl phthalate	47.6	5.0	"	50.0		95	10-112	3	20	
4,6-Dinitro-2-methylphenol	47.2	5.0	"	50.0		94	10-181	7	20	
2,4-Dinitrophenol	43.4	10	"	50.0		87	10-191	21	20	RB

Sequoia Analytical - Morgan Hill

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

Project: ARCO #0601, San Leandro, CA
Project Number: G0C23-0004
Project Manager: Scott Robinson

MOD0559
Reported:
05/05/05 09:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5D27030 - EPA 3510C SepFunnel / EPA 8270C

Laboratory Control Sample Dup (5D27030-BSD1)				Prepared: 04/27/05		Analyzed: 04/29/05		BS		
2,4-Dinitrotoluene	53.3	5.0	ug/l	50.0	107	75-120	11	20		
2,6-Dinitrotoluene	50.3	5.0	"	50.0	101	50-150	6	20		
Di-n-octyl phthalate	44.5	10	"	50.0	89	4-146	6	20		
Fluoranthene	49.0	5.0	"	50.0	98	26-137	1	20		
Fluorene	51.6	5.0	"	50.0	103	59-121	10	20		
Hexachlorobenzene	44.0	5.0	"	50.0	88	10-152	2	20		
Hexachlorobutadiene	31.3	10	"	50.0	63	24-116	10	20		
Hexachlorocyclopentadiene	31.9	10	"	50.0	64	50-150	0.6	20		
Hexachloroethane	26.5	10	"	50.0	53	40-113	8	20		
Indeno (1,2,3-cd) pyrene	42.4	10	"	50.0	85	10-171	15	20		
Isophorone	39.4	5.0	"	50.0	79	21-196	6	20		
2-Methylnaphthalene	39.7	5.0	"	50.0	79	50-150	0.3	20		
2-Methylphenol	37.8	5.0	"	50.0	76	50-150	0.3	20		
4-Methylphenol	30.0	5.0	"	25.0	120	50-150	5	20		
Naphthalene	39.3	5.0	"	50.0	79	21-133	3	20		
2-Nitroaniline	48.1	10	"	50.0	96	50-150	20	20		
3-Nitroaniline	46.5	100	"	50.0	93	50-150	15	20		
4-Nitroaniline	53.1	50	"	50.0	106	50-150	17	20		
Nitrobenzene	42.8	5.0	"	50.0	86	35-180	19	20		
2-Nitrophenol	44.2	5.0	"	50.0	88	29-182	10	20		
4-Nitrophenol	21.5	10	"	50.0	43	15-115	21	35		
N-Nitrosodi-n-propylamine	42.6	5.0	"	50.0	85	55-120	1	20		
N-Nitrosodiphenylamine	49.8	10	"	50.0	100	50-150	4	20		
Pentachlorophenol	42.8	10	"	50.0	86	30-120	5	35		
Phenanthrene	46.3	5.0	"	50.0	93	50-150	3	20		
Phenol	17.6	5.0	"	50.0	35	25-115	2	30		
Pyrene	42.9	5.0	"	50.0	86	75-140	1	15		
1,2,4-Trichlorobenzene	34.3	10	"	50.0	69	35-115	3	15		
2,4,5-Trichlorophenol	44.3	5.0	"	50.0	89	50-150	2	20		
2,4,6-Trichlorophenol	43.2	5.0	"	50.0	86	37-144	4	20		
Surrogate: 2-Fluorophenol	52.9		"	100	53	40-115				
Surrogate: Phenol-d6	34.9		"	100	35	20-115				
Surrogate: Nitrobenzene-d5	40.2		"	50.0	80	50-115				
Surrogate: 2-Fluorobiphenyl	40.1		"	50.0	80	70-115				
Surrogate: 2,4,6-Tribromophenol	104		"	100	104	35-115				

Sequoia Analytical - Morgan Hill

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

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

Project: ARCO #0601, San Leandro, CA
Project Number: G0C23-0004
Project Manager: Scott Robinson

MOD0559
Reported:
05/05/05 09:33

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5D27030 - EPA 3510C SepFunnel / EPA 8270C

Laboratory Control Sample Dup (5D27030-BSD1)

Prepared: 04/27/05 Analyzed: 04/29/05

BS

Surrogate: <i>p</i> -Terphenyl- <i>d</i> 14	43.5	ug/l	50.0	87	70-130
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URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: G0C23-0004
Project Manager: Scott Robinson

MOD0559
Reported:
05/05/05 09:33

Notes and Definitions

RB RPD exceeded method control limit; % recoveries within limits.
BS Insufficient sample available to follow standard QC procedures
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

Page 1 of 1

Project Name: Analytical for QMR sampling

BP BU/AR Region/Enfos Segment:

BP > Americas > West Coast > Retail > WCBU >
CA > Central > 601 > HistoricalBL

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

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

On-site Time: 1430	Temp: 65
Off-site Time: 1445	Temp: 65
Sky Conditions: Clear	
Meteorological Events: B/c 22	
Wind Speed: 10 mph	Direction: E

11/01/05

Lab Name: Sequoia	BP/AR Facility No.: 601	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 712 Lewelling Blvd., San Leandro, CA 94577	Address: 1333 Broadway, Suite 800
Morgan Hill, CA 95037	Site Lat/Long: 37.686548 / -122.139	Oakland, CA 94612
Lab PM: Lisa Race	California Global ID No.: T0600100108	Consultant/Contractor Project No.: 38487014
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G0C23-0004	Consultant/Contractor PM: Scott Robinson
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.874.3280 / 510.874.3268
Address: P.O. Box 6549	Phase/WBS: 04 - Mon/Remed by Natural Attenuation	Report Type & QC Level: Level 1 with BDF
Moraga, CA 94570	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Rachel.Lindvall@urscorp.com
Tele/Fax: 925.299.8891 / 925.299.8872	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Company

Lab Bottle Order No: 601				Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments
Item No.	Sample Description	Time	Date	Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO / BTEX (8260)	MTBE, TAME, ETBE, DIPE, TEA (8260)	1,2-DCA & EDB (8260)	ETHANOL (8260)	SVOCs 8270	
1	MW-1	1440	11/24/05	X			01	2	X								X		
2	TB-601-04202005		6	X			02	2			X							ON HOLD	
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Sampler's Name: B Proud	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Blair Tech	<i>[Signature]</i>	11/24/05	1530	<i>[Signature]</i>	11/24/05	1455
Shipment Date:	<i>[Signature]</i>			<i>[Signature]</i>	11/24/05	1720
Shipment Method:						
Shipment Tracking No:						

Special Instructions: ~~XXXXXX~~

Custody Seals In Place Yes ☒ No	Temp Blank Yes ☒ No	Cooler Temperature on Receipt ☒ F/C	Trip Blank Yes ☒ No
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SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: bp
 REC. BY (PRINT) JT
 WORKORDER: MOD0559

DATE REC'D AT LAB: 4/21/05
 TIME REC'D AT LAB: 1730
 DATE LOGGED IN: 4-22-05

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

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / <u>Absent</u> Intact / Broken*			MW-1	11 Amber-2	-	-	W	4/20/05	
2. Chain-of-Custody	<u>Present</u> / Absent*			TB-601-04202005	Via - 2	Hcl	↓	↓	↓	
3. Traffic Reports or Packing List:	Present / <u>Absent</u>									
4. Airbill:	Airbill / Sticker Present / <u>Absent</u>									
5. Airbill #:										
6. Sample Labels:	<u>Present</u> / Absent									
7. Sample IDs:	<u>Listed</u> / Not Listed on Chain-of-Custody									
8. Sample Condition:	<u>Intact</u> / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree?	<u>Yes</u> / No*									
10. Sample received within hold time?	<u>Yes</u> / No*									
11. Adequate sample volume received?	<u>Yes</u> / No*									
12. Proper Preservatives used?	<u>Yes</u> / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes)	<u>Yes</u> / No*									
14. Temp Rec. at Lab: Is temp 4 +/-2°C?	<u>3.5°C</u> <u>Yes</u> / No**									
(Acceptance range for samples requiring thermal pres.)										
**Exception (if any): METALS / DFF ON ICE or Problem COC										

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



**Sequoia
Analytical**

885 Jarvis Drive
Morgan Hill, CA 95037
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3 May, 2005

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

RE: ARCO #0601, San Leandro, CA
Work Order: MOD0405

Enclosed are the results of analyses for samples received by the laboratory on 04/15/05 18:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tim Costello For Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

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

Project: ARCO #0601, San Leandro, CA
Project Number: GOC23-0004
Project Manager: Scott Robinson

MOD0405
Reported:
05/03/05 09:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MOD0405-01	Water	04/14/05 10:35	04/15/05 18:55
MW-3	MOD0405-02	Water	04/14/05 11:08	04/15/05 18:55
MW-4	MOD0405-03	Water	04/14/05 10:05	04/15/05 18:55
MW-5	MOD0405-04	Water	04/14/05 09:50	04/15/05 18:55
MW-6	MOD0405-05	Water	04/14/05 10:45	04/15/05 18:55
TB-04142005-601	MOD0405-06	Water	04/14/05 00:00	04/15/05 18:55

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

These samples were received with intact custody seals.

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

Project: ARCO #0601, San Leandro, CA
Project Number: GOC23-0004
Project Manager: Scott Robinson

MOD0405
Reported:
05/03/05 09:50

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOD0405-01) Water Sampled: 04/14/05 10:35 Received: 04/15/05 18:55									
tert-Amyl methyl ether	ND	5.0	ug/l	10	5D25007	04/25/05	04/25/05	EPA 8260B	
Benzene	160	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	1000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	320	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	17	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	4500	500	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i> 99 % 60-135 " " " "									
MW-3 (MOD0405-02) Water Sampled: 04/14/05 11:08 Received: 04/15/05 18:55									
tert-Amyl methyl ether	ND	25	ug/l	50	5D25007	04/25/05	04/25/05	EPA 8260B	
Benzene	170	25	"	"	"	"	"	"	
tert-Butyl alcohol	ND	1000	"	"	"	"	"	"	
Di-isopropyl ether	ND	25	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	25	"	"	"	"	"	"	
1,2-Dichloroethane	ND	25	"	"	"	"	"	"	
Ethanol	ND	5000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Ethylbenzene	1500	25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	25	"	"	"	"	"	"	
Toluene	200	25	"	"	"	"	"	"	
Xylenes (total)	5000	25	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	26000	2500	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i> 99 % 60-135 " " " "									

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

Project: ARCO #0601, San Leandro, CA
Project Number: GOC23-0004
Project Manager: Scott Robinson

MOD0405
Reported:
05/03/05 09:50

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MOD0405-03) Water Sampled: 04/14/05 10:05 Received: 04/15/05 18:55									
tert-Amyl methyl ether	0.61	0.50	ug/l	1	5D25007	04/25/05	04/25/05	EPA 8260B	
Benzene	16	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	1.4	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	4.5	0.50	"	"	"	"	"	"	
Toluene	0.69	0.50	"	"	"	"	"	"	
Xylenes (total)	48	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	320	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i> 97 % 60-135 " " " "									
MW-5 (MOD0405-04) Water Sampled: 04/14/05 09:50 Received: 04/15/05 18:55									
tert-Amyl methyl ether	9.3	5.0	ug/l	10	5D25007	04/25/05	04/25/05	EPA 8260B	
Benzene	130	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	1000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	54	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	40	5.0	"	"	"	"	"	"	
Toluene	5.9	5.0	"	"	"	"	"	"	
Xylenes (total)	350	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	1800	500	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i> 95 % 60-135 " " " "									



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

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

Project: ARCO #0601, San Leandro, CA
Project Number: GOC23-0004
Project Manager: Scott Robinson

MOD0405
Reported:
05/03/05 09:50

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (MOD0405-05) Water Sampled: 04/14/05 10:45 Received: 04/15/05 18:55									
tert-Amyl methyl ether	56	5.0	ug/l	1.0	5D25007	04/25/05	04/25/05	EPA 8260B	
Benzene	410	5.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
Ethanol	ND	1000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	100	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	210	5.0	"	"	"	"	"	"	
Toluene	5.2	5.0	"	"	"	"	"	"	
Xylenes (total)	25	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	3600	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		99 %	60-135	"	"	"	"	"	

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

Project: ARCO #0601, San Leandro, CA
Project Number: GOC23-0004
Project Manager: Scott Robinson

MOD0405
Reported:
05/03/05 09:50

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%RBC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5D25007 - EPA 5030B P/T / EPA 8260B

Blank (5D25007-BLK1)

Prepared & Analyzed: 04/25/05

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

Surrogate: 1,2-Dichloroethane-d4 4.42 " 5.00 88 60-135

Laboratory Control Sample (5D25007-BS1)

Prepared & Analyzed: 04/25/05

tert-Amyl methyl ether	9.86	0.50	ug/l	10.0	99	80-115
Benzene	9.09	0.50	"	10.0	91	65-115
tert-Butyl alcohol	49.4	20	"	50.0	99	75-150
Di-isopropyl ether	10.2	0.50	"	10.0	102	75-125
1,2-Dibromoethane (EDB)	9.26	0.50	"	10.0	93	85-120
1,2-Dichloroethane	10.1	0.50	"	10.0	101	85-130
Ethanol	192	100	"	200	96	70-135
Ethyl tert-butyl ether	10.4	0.50	"	10.0	104	75-130
Ethylbenzene	8.86	0.50	"	10.0	89	75-135
Methyl tert-butyl ether	9.74	0.50	"	10.0	97	65-125
Toluene	10.3	0.50	"	10.0	103	85-120
Xylenes (total)	26.4	0.50	"	30.0	88	85-125

Surrogate: 1,2-Dichloroethane-d4 4.85 " 5.00 97 60-135

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

Project: ARCO #0601, San Leandro, CA
Project Number: GOC23-0004
Project Manager: Scott Robinson

MOD0405
Reported:
05/03/05 09:50

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5D25007 - EPA 5030B P/T / EPA 8260B

Laboratory Control Sample (5D25007-BS2)

Prepared & Analyzed: 04/25/05

Benzene	5.23	0.50	ug/l	6.40		82	65-115			
Ethylbenzene	7.40	0.50	"	7.52		98	75-135			
Methyl tert-butyl ether	8.73	0.50	"	9.92		88	65-125			
Toluene	33.7	0.50	"	31.9		106	85-120			
Xylenes (total)	36.3	0.50	"	36.6		99	85-125			
Gasoline Range Organics (C4-C12)	354	50	"	440		80	70-124			
Surrogate: 1,2-Dichloroethane-d4	5.00		"	5.00		100	60-135			

Laboratory Control Sample Dup (5D25007-BSD1)

Prepared & Analyzed: 04/25/05

tert-Amyl methyl ether	9.16	0.50	ug/l	10.0		92	80-115	7	15	
Benzene	9.73	0.50	"	10.0		97	65-115	7	20	
tert-Butyl alcohol	51.5	20	"	50.0		103	75-150	4	25	
Di-isopropyl ether	9.79	0.50	"	10.0		98	75-125	4	15	
1,2-Dibromoethane (EDB)	9.01	0.50	"	10.0		90	85-120	3	15	
1,2-Dichloroethane	8.74	0.50	"	10.0		87	85-130	14	20	
Ethanol	177	100	"	200		88	70-135	8	35	
Ethyl tert-butyl ether	10.1	0.50	"	10.0		101	75-130	3	25	
Ethylbenzene	9.47	0.50	"	10.0		95	75-135	7	15	
Methyl tert-butyl ether	9.01	0.50	"	10.0		90	65-125	8	20	
Toluene	11.0	0.50	"	10.0		110	85-120	7	20	
Xylenes (total)	29.2	0.50	"	30.0		97	85-125	10	20	
Surrogate: 1,2-Dichloroethane-d4	4.03		"	5.00		81	60-135			

Matrix Spike (5D25007-MS1)

Source: MOD0405-02

Prepared & Analyzed: 04/25/05

Benzene	434	25	ug/l	320	170	82	65-115			
Ethylbenzene	1700	25	"	376	1500	53	75-135			BB, LN
Methyl tert-butyl ether	456	25	"	496	2.5	91	65-125			
Toluene	1820	25	"	1600	200	101	85-120			
Xylenes (total)	4920	25	"	1830	5000	NR	85-125			LN
Gasoline Range Organics (C4-C12)	38900	2500	"	22000	26000	59	70-124			BB, LN
Surrogate: 1,2-Dichloroethane-d4	5.02		"	5.00		100	60-135			

Sequoia Analytical - Morgan Hill

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

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

Project: ARCO #0601, San Leandro, CA
Project Number: GOC23-0004
Project Manager: Scott Robinson

MOD0405
Reported:
05/03/05 09:50

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5D25007 - EPA 5030B P/T / EPA 8260B

Matrix Spike Dup (5D25007-MSD1)		Source: MOD0405-02			Prepared & Analyzed: 04/25/05					
Benzene	452	25	ug/l	320	170	88	65-115	4	20	
Ethylbenzene	1790	25	"	376	1500	77	75-135	5	15	
Methyl tert-butyl ether	409	25	"	496	2.5	82	65-125	11	20	
Toluene	1840	25	"	1600	200	102	85-120	1	20	
Xylenes (total)	5200	25	"	1830	5000	11	85-125	6	20	LN
Gasoline Range Organics (C4-C12)	39900	2500	"	22000	26000	63	70-124	3	20	BB, LN
Surrogate: 1,2-Dichloroethane-d4	4.26		"	5.00		85	60-135			



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

Project: ARCO #0601, San Leandro, CA
Project Number: GOC23-0004
Project Manager: Scott Robinson

MOD0405
Reported:
05/03/05 09:50

Notes and Definitions

LN MS and/or MSD below acceptance limits. See Blank Spike(LCS).
BB, LN Sample > 4x spike concentration.
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference



Chain of Custody Record

Page 1 of 1

Project Name: Analytical for QMR sampling
BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU >
CA > Central > B01 > Historical/BL
State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Francisco
Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time: 900 Temp: 65°
Off-site Time: 1130 Temp: 65°
Sky Conditions: clear
Meteorological Events: —
Wind Speed: — Direction: —

Lab Name: Sequoia	BP/AR Facility No.: 601	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 712 Lewelling Blvd., San Leandro, CA 94577	Address: 1333 Broadway, Suite 800
Morgan Hill, CA 95037	Site Lat/Long: 37.686548 / -122.139	Oakland, CA 94612
Lab PM: Lisa Race	California Global ID No.: T0600100108	Consultant/Contractor Project No.: 38487014
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G0C23-0004	Consultant/Contractor PM: Scott Robinson
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.874.3280 / 510.874.3268
Address: P.O. Box 6549	Phase/WBS: 04 - Mon/Remed by Natural Attenuation	Report Type & QC Level: Level 1 with EDF
Moraga, CA 94570	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Rachel.Lindvall@urscorp.com
Tele/Fax: 925.299.8891 / 925.299.8872	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Company

Lab Bottle Order No: 601				Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis										Sample Point Lat/Long and Comments
Item No.	Sample Description	Time	Date	Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GR0/BTEX (#260)	MTBE, TAME, ETBE, DPE, TBA (#260)	1,2-DCA & EDB (#260)	ETHANOL (#260)	SVOCs (#270)						
1	MW-1	1035	4/14/05	X			61	3						X	X	X	X	X						MOD 0405
2	MW-3	1108		X			62	5	2					X	X	X	X							
3	MW-4	1005		Y			63	3						X	Y	Y	Y							
4	MW-5	950		Y			64	3						Y	X	Y	Y							
5	MW-6	1045		X			65	3						Y	X	X	X							
6	18-04142005-601	—					66	2																on hold
7																								
8																								
9																								
10																								

Sampler's Name: Suckow, SANE	Relinquished By / Affiliation: [Signature]	Date: 4-15	Time: 10:30	Accepted By / Affiliation: [Signature]	Date: 4-15	Time: 10:37
Sampler's Company: BTS					4-15	10:37
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

Special Instructions:

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

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

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Ara 601
 REC. BY (PRINT) JAS
 WORKORDER: 1700 6404

DATE REC'D AT LAB: 4/15/05
 TIME REC'D AT LAB: 10:55
 DATE LOGGED IN: 4-17-05

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

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <u>Present</u> / Absent	01	6C	MW-1	(5) VOA	HCL	—	L	4/14/05	
<u>Intact</u> / Broken*	02	1	MW-3	(3) VOA	↓	↓	↓	↓	
2. Chain-of-Custody <u>Present</u> / Absent*		DE	↓	(2) 1L Amber	~	↓	↓	↓	
3. Traffic Reports or Packing List: <u>Present</u> / <u>Absent</u>	03	6C	MW-4	(3) VOA	HCL	↓	↓	↓	
4. Airbill: <u>Airbill</u> / Sticker	04	1	MW-5	↓	↓	↓	↓	↓	
<u>Present</u> / Absent	05	1	MW-6	↓	↓	↓	↓	↓	
5. Airbill #:	06	1215	TB-0411205-601	(2) VOA	↓	↓	↓	↓	
6. Sample Labels: <u>Present</u> / Absent									
7. Sample IDs: <u>Listed</u> / Not Listed									
on Chain-of-Custody									
8. Sample Condition: <u>Intact</u> / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <u>Yes</u> / No*									
10. Sample received within hold time? <u>Yes</u> / No*									
11. Adequate sample volume received? <u>Yes</u> / No*									
12. Proper Preservatives used? <u>Yes</u> / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) <u>Yes</u> / No*									
14. Temp Rec. at Lab: <u>5.3°C</u> Is temp 4 +/- 2°C? <u>Yes</u> / No**									

(Acceptance range for samples requiring thermal pres.)

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

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

ATTACHMENT C

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

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SUCCESSFUL GEO_WELL CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	6/2/2005 12:48:23 PM

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UPLOADING A GEO_WELL FILE

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Your file has been successfully submitted!

Submittal Title: 2Q 2005 QMR Geo_Well Site
601

Submittal Date/Time: 6/2/2005 12:49:39 PM

Confirmation
Number: 7107620060

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SUCCESSFUL EDF CHECK - NO ERRORS

<u>ORGANIZATION NAME:</u>	URS Corporation-Oakland Office
<u>USER NAME:</u>	URSCORP-OAKLAND
<u>DATE CHECKED:</u>	5/11/2005 4:25:57 PM
<u>GLOBAL ID:</u>	T0600100108
<u>FILE UPLOADED:</u>	ARCO#0601-EDF-MOD0559.zip

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

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

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

ARCO # 00601	<u>Regional Board - Case #: 01-0116</u>
712 LEWELLING BLVD	SAN FRANCISCO BAY RWQCB (REGION
SAN	2) - (RDB)
LEANDRO, CA 94579	<u>Local Agency (lead agency) - Case #: 4275</u>
	ALAMEDA COUNTY LOP - (AG)

SAMPLE DETECTIONS REPORT

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

METHOD QA/QC REPORT

METHODS USED	SW8270C
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	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Confirmation Number: 8009075641

Date/Time of Submittal: 5/11/2005 4:28:14 PM

Facility Global ID: T0600100108

Facility Name: ARCO # 00601

Submittal Title: 2Q 2005 QMR EDF Site 601

Submittal Type: GW Monitoring Report

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

ARCO # 00601 712 LEWELLING BLVD SAN LEANDRO, CA 94579	Regional Board - Case #: 01-0116 SAN FRANCISCO BAY RWQCB (REGION 2) - (RDB) Local Agency (lead agency) - Case #: 4275 ALAMEDA COUNTY LOP - (AG)
--	--

CONF #	TITLE	QUARTER
8009075641	2Q 2005 QMR EDF Site 601	Q2 2005
SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	5/11/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

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

METHOD QA/QC REPORT

METHODS USED	SW8270C
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	n/a
- MATRIX SPIKE	n/a
- MATRIX SPIKE DUPLICATE	n/a
- BLANK SPIKE	n/a
- SURROGATE SPIKE	n/a

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPDL</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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CONTACT SITE ADMINISTRATOR.