

February 15, 2005

Mr. Robert Schultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-8577

Alameda County
MAR 10 2005
Environmental Health

RE: Electronic Report Submission

Dear Mr. Schultz:

The purpose of this letter is to inform you that on behalf of the Atlantic Richfield Company (RM), a BP affiliated company, URS Corporation (URS) will issue all future quarterly monitoring reports (QMR) electronically to the State Water Resources Control Board's GEOTRACKER website (<http://www.geotracker.swrcb.ca.gov/>). You may access your report directly from this website. If you would prefer to have a PDF copy e-mailed to you or if you would like to continue receiving a paper copy, please contact Rick Murray at (510) 874-1755.

If you have any questions regarding this submission, please call me at (510) 874-3125.

Sincerely,

URS CORPORATION



Rachel Lindvall
QMR Coordinator



Atlantic Richfield Company
(a BP affiliated company)

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

February 25, 2005

**Re: First Quarter 2005 Groundwater Monitoring Report
ARCO Service Station #0601
712 Lewelling Boulevard
San Leandro, California
URS Project #38487167**

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



February 25, 2005

Mr. Robert Schultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, 2nd floor
Alameda, CA 94502

**Re: First Quarter 2005 Groundwater Monitoring Report
ARCO Service Station #0601
712 Lewelling Boulevard
San Leandro, California
URS Project #38487167**

Dear Mr. Schultz:

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

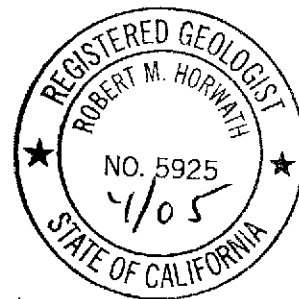
If you have any questions regarding this submission, please call (510) 874-3280.

Sincerely,

URS CORPORATION

Scott Robinson
Project Manager

Robert Horwath, R.G.
Portfolio Manager



Enclosure: First 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

FIRST QUARTER 2005 GROUNDWATER MONITORING REPORT

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

Prepared for
RM

February 25, 2005

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

38487167

Date: February 25, 2005

Quarter: 1Q 05

RM QUARTERLY 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
Consultant Project No.: 38487167
Primary Agency: Alameda County Environmental Health (ACEH)

WORK PERFORMED THIS QUARTER (First – 2005):

1. Performed first quarter 2005 groundwater monitoring event on January 10, 2005.
2. Prepared and submitted this First Quarter 2005 Groundwater Monitoring Report.

WORK PROPOSED FOR NEXT QUARTER (Second – 2005):

1. Perform second quarter 2005 groundwater monitoring event.
2. Prepare and submit Second 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-8</u> <u>Semi-Annual (1st/3rd Quarter): MW-10 and MW-14</u> <u>Annual (3rd Quarter): MW-2, MW-9, MW-11, MW-12, MW-13 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>Natural Attenuation</u>
Approximate Depth to Groundwater:	<u>4.75 (MW-3) to 8.25 (MW-7) feet</u>
Groundwater Gradient (direction):	<u>Variable: West to North</u>
Groundwater Gradient (magnitude):	<u>Variable: 0.02 to 0.03 feet per foot</u>

DISCUSSION:

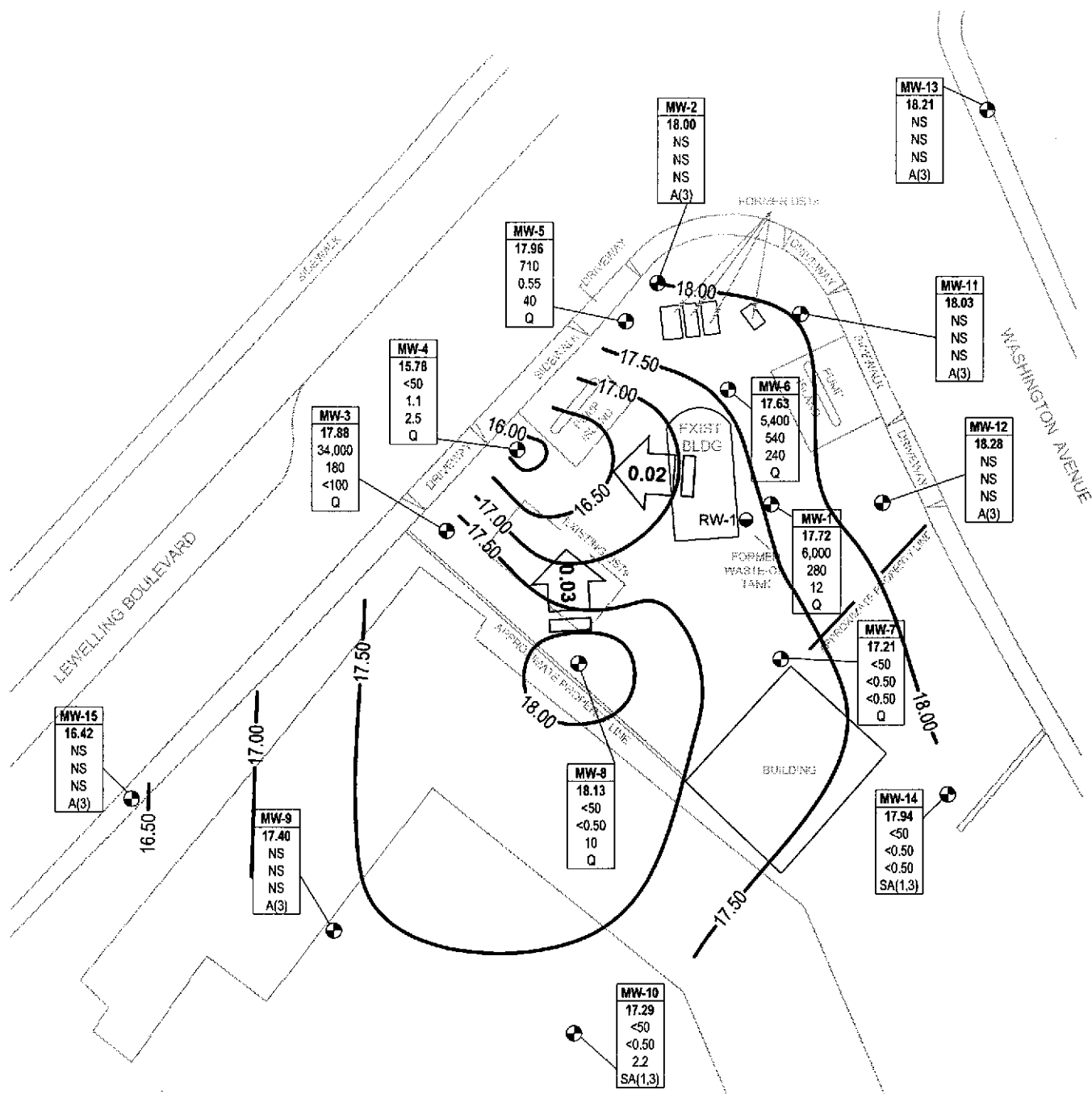
Gasoline range organics (GRO) were detected at or above the laboratory reporting limit in four of the nine wells sampled this quarter at concentrations ranging from 710 micrograms per liter ($\mu\text{g/L}$) (MW-5) to 34,000 $\mu\text{g/L}$ (MW-3). Benzene was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 0.55 $\mu\text{g/L}$ (MW-5) to 540 $\mu\text{g/L}$ (MW-6). Ethylbenzene was detected at or above the laboratory reporting limit in four wells at concentrations ranging from 0.52 $\mu\text{g/L}$ (MW-5) to 1,400 $\mu\text{g/L}$ (MW-3). Toluene was detected at or above the laboratory reporting limit in one well at a concentration of 150 $\mu\text{g/L}$ (MW-3). Xylenes were detected at or above the laboratory reporting limit in five wells at concentrations ranging from 0.96 $\mu\text{g/L}$ (MW-4) to 6,900 $\mu\text{g/L}$ (MW-3). Methyl-tert-butyl ether (MTBE) was detected at or above the laboratory reporting limit in six wells at concentrations ranging from 2.2 $\mu\text{g/L}$ (MW-10) to 240 $\mu\text{g/L}$ (MW-6). Tert-amyl methyl ether (TAME) was detected at or above the laboratory reporting limit in two wells at concentrations of 9.7 $\mu\text{g/L}$ (MW-5) and 65 $\mu\text{g/L}$ (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 300 $\mu\text{g/L}$, 230 $\mu\text{g/L}$ and 750 $\mu\text{g/L}$, respectively, for a total SVOC concentration of 1280 $\mu\text{g/L}$.

RECOMMENDATIONS:

Due to constituents of concern being consistently low to non-detect at or above laboratory reporting limits, URS recommends the following reductions in sampling frequency: 1) MW-11 and MW-14 from semi-annually to annually, 2) MW-7 and MW-8 from quarterly to annually, and 3) remove MW-11, MW-12, and MW-13 from annually sampling. Quarterly water level measurements will still be taken at all wells.

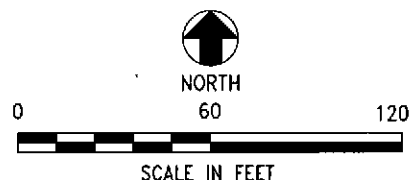
ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – January 10, 2005
- Figure 2 – GRO Isoconcentration Map – January 10, 2005
- Figure 3 – Benzene Isoconcentration Map – January 10, 2005
- Figure 4 – MTBE Isoconcentration Map – January 10, 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



LEGEND

- ⊕ GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 16.50 — GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MSL)
- 0.03 — APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- Well — WELL DESIGNATION
- ELEV — GROUNDWATER ELEVATION (FEET ABOVE MSL)
- GRO — GRO, BENZENE & MTBE CONCENTRATIONS (μg/L)
- AQ/SA — SAMPLING FREQUENCY
- A(3) — SAMPLED ANNUALLY, 3RD QUARTER
- SA(1.3) — SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS
- Q — SAMPLED QUARTERLY
- DATA NOT USED FOR CONTOURING
- < NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS



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

URS

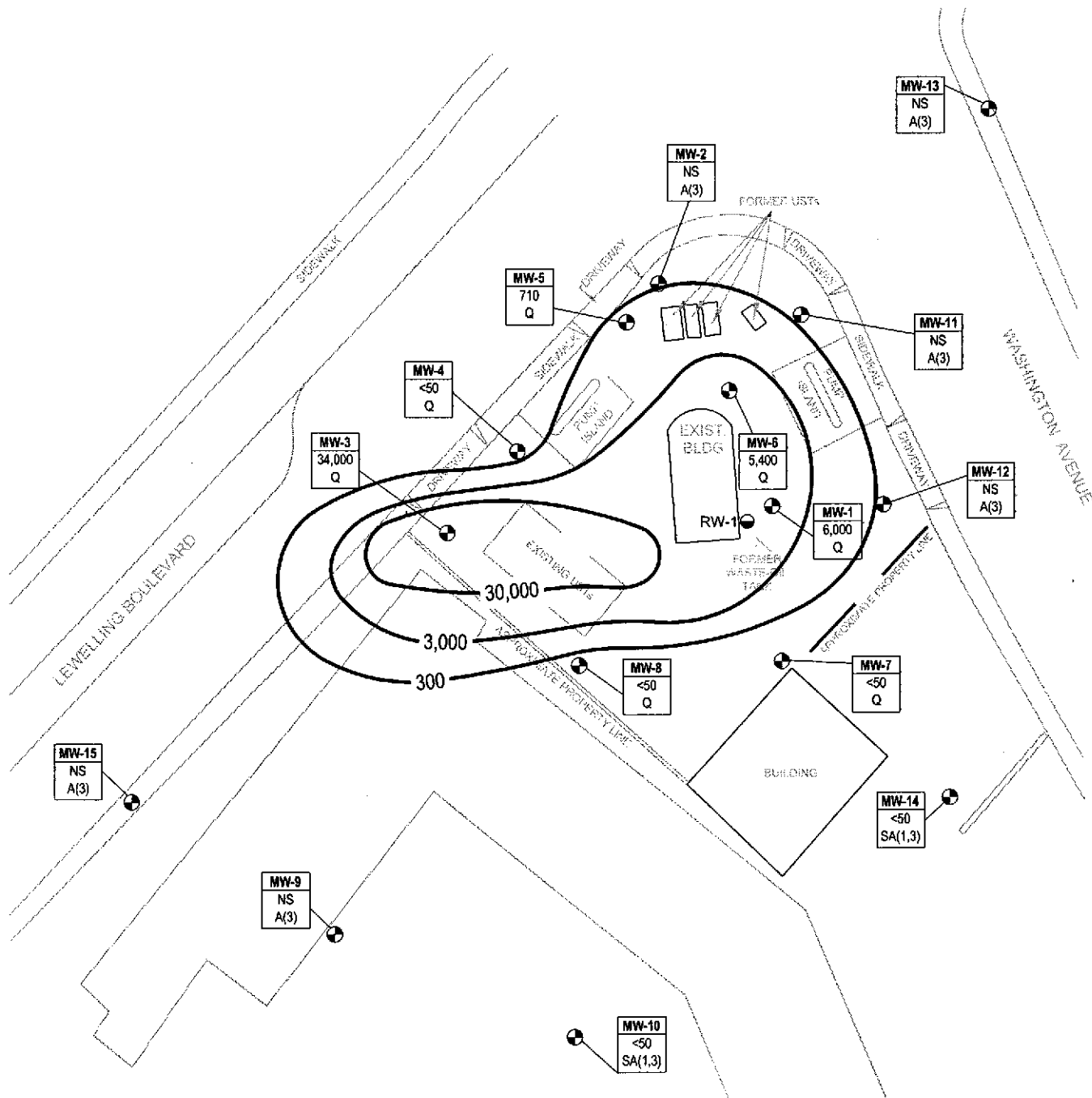
Project No. 38487167
 ARCO Service Station #0601
 712 Levee Boulevard
 San Leandro, California

**GROUNDWATER ELEVATION CONTOUR
 AND ANALYTICAL SUMMARY MAP**
 First Quarter 2005 (January 10, 2005)

FIGURE

1

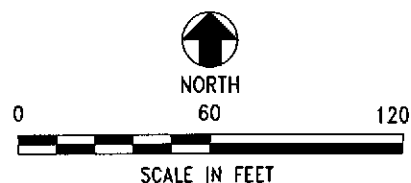
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LEGEND

- ⊕ GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 300 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:
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SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.
GROUNDWATER CONTOURS CALCULATED BY AUTODESK LAND DESKTOP.



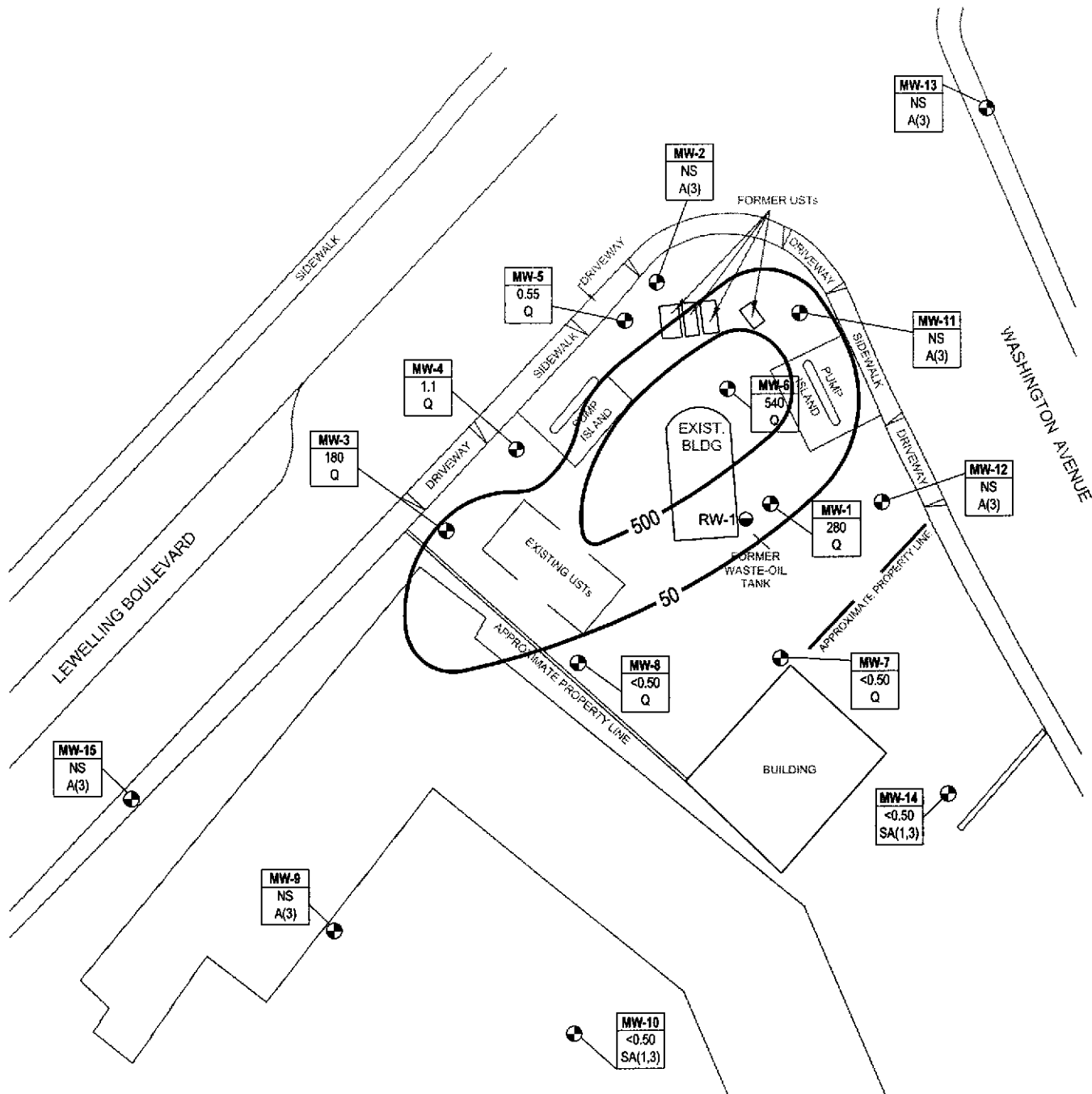
URS

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

GRO ISOCONCENTRATION MAP
First Quarter 2005 (January 10, 2005)

FIGURE
2

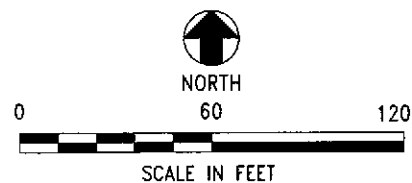
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LEGEND

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

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



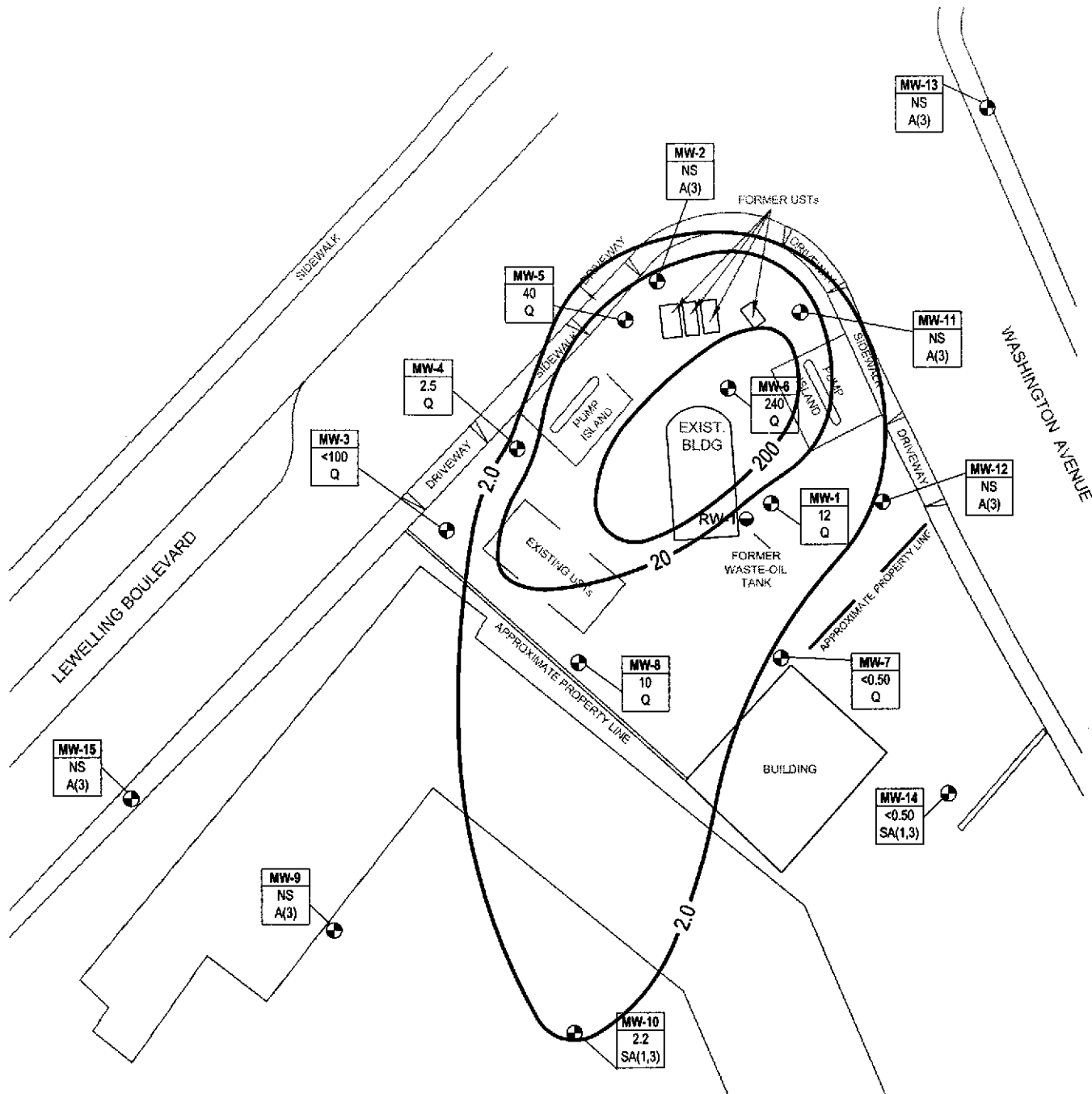
URS

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

BENZENE ISOCONCENTRATION MAP
 First Quarter 2005 (January 10, 2005)

FIGURE
3

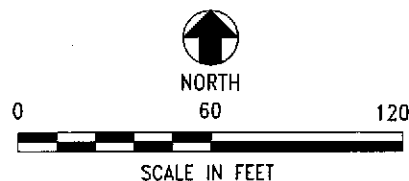
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LEGEND

- 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
First Quarter 2005 (January 10, 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)	TPH-d LUFT (µg/L)	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	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)	TPH-d LUFT (µg/L)	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
	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
MW-2	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	--	--	--	--
	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	--	--	--	--
	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	--	--	--	--

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)	TPH-d LUFT (µg/L)	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-2	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	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--

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)	TPH-d LUFT (µg/L)	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-2	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	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--
	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	--	--	--	--

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)	TPH-d LUFT (µg/L)	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	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
	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

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)	TPH-d LUFT (µg/L)	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	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
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	--	--	--
	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	--			--	--	--	--	--	--	--	--	--	--

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)	TPH-d LUFT (µg/L)	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	11/19/1997	--	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
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	--	--	--	--

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)	TPH-d LUFT (µg/L)	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-5	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	--
	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	--			--	--	--	--	--	--	--	--	--	--

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)	TPH-d LUFT (µg/L)	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-5	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
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	--			--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--

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)	TPH-d LUFT (µg/L)	GR0/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	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	--	--	--
	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

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)	TPH-d LUFT (µg/L)	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	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
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	--	--	--
	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	--			--	--	--	--	--	--	--	--	--	--

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)	TPH-d LUFT (µg/L)	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-7	2/19/1998	--		22.89	8.00	10.00	--	8.13	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	--	--	--	--	--	--	--	--	--	--	--	--	--
	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
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	--	--	--	--

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)	TPH-d LUFT (µg/L)	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	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	--	--	--	--	--	--	--	--	--	--
	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	--	--	--

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)	TPH-d LUFT (µg/L)	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	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	--	--	--
	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
MW-9	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	--	--	--	--
	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	--	--	--

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)	TPH-d LUFT (µg/L)	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-9	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	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--

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)	TPH-d LUFT (µg/L)	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	8/17/1993	--		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	--
	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	--	--	--

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)	TPH-d LUFT (µg/L)	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	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
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	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--

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)	TPH-d LUFT (µg/L)	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	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	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--

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)	TPH-d LUFT (µg/L)	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	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	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--

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)	TPH-d LUFT (µg/L)	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	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	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--

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)	TPH-d LUFT (µg/L)	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	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	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--

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)	TPH-d LUFT (µg/L)	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	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	--	--	--
	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	--	--	--

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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)	TPH-d LUFT (µg/L)	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	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
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	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--

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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)	TPH-d LUFT (µg/L)	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	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
	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	--	--	--	--	--	--	--	--	--	--

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 = Not Purged before sampling

P = 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

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 = SPH 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

NOTES:

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. Total petroleum hydrocarbons as gasoline (TPHg) has been changed to gasoline range organics (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 dissolved oxygen (DO) and pH were obtained through field measurements.

Table 1

Groundwater Elevation and Analytical Data

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

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	
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	
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	
	01/10/2005	<100	<20	2.5	<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-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	
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	
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	
	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	

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-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	
	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	--	--	--	--	--	--	--	--	

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-15	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

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											
	06/10/91	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
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
	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:

- a. Sample was ND for 2-Methylphenol and ND for 4-Methylphenol. Analysis not performed for 2,4-Dimethylphenol.
- b. 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 # 050110-wci Date 1/10/05 Client URS @ Arco 601

Site 712 Lewelling 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	NPe
mw-1	4	odor				7.06	11.01		7'
mw-2	4					5.87	9.56		go
mw-3	4					4.75	11.93		8'
mw-4	4					7.54	8.49		NP
mw-5	4					5.51	10.13		NP
mw-6	4					7.03	8.60		NP
mw-7	4					8.25	9.58		NP
mw-8	4					5.42	10.18		NP
mw-9	2					6.24	16.23		go
mw-10	2					6.13	18.66		NP
mw-11	4					6.94	11.86		go
mw-12	4					7.04	11.61		go
mw-13	2					6.80	12.98		go
mw-14	2					7.61	12.97		7.5'
mw-15	2					5.30	10.07	✓	go

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 05010-WC1	Station # 601
Sampler: WC	Date: 1/10/05
Well I.D.: MW-1	Well Diameter: 2 3 4 6 8
Total Well Depth: 11.01	Depth to Water: 7.06
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

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

Top of Screen: N/A @ 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>no</u> 1 Case Volume (Gals.)	<u>* 2.0</u> Specified Volumes	= _____ Gals. Calculated Volume
------------------------------------	-----------------------------------	------------------------------------

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
0906	65.3	6.9	763	—	clear/odor

Did well dewater? Yes ☒		Gallons actually evacuated: _____	
Sampling Time: 0908		Sampling Date: 1/10/05	
Sample I.D.: MW-1		Laboratory: Pace Sequoia Other _____	
Analyzed for: ☒ GRO ☒ BTEX MTBE DRO Other: see coc			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: 1.05 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050110-WC1</u>	Station # <u>601</u>
Sampler: <u>WC</u>	Date: <u>1/10/05</u>
Well I.D.: <u>MW3</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>11.93</u>	Depth to Water: <u>4.75</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>VSP</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 Sampling Method: Bailer
 Disposable Bailer Disposable Bailer
 Positive Air Displacement Extraction Port
 Electric Submersible Other: _____
 Extraction Pump

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

<u>4.7</u>	X	<u>3</u>	=	<u>14.1</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
<u>1157</u>	<u>63.0</u>	<u>7.1</u>	<u>834</u>	<u>5</u>	<u>odor/clear</u>
<u>1158</u>	<u>64.5</u>	<u>7.0</u>	<u>826</u>	<u>10</u>	<u>" / "</u>
<u>1159</u>	<u>66.6</u>	<u>7.0</u>	<u>857</u>	<u>15</u>	<u>" / "</u>

Did well dewater? Yes ☒ No ☐ Gallons actually evacuated: 15

Sampling Time: 1204 Sampling Date: 1/10/05

Sample I.D.: MW-3 Laboratory: Pace Sequia Other _____

Analyzed for: GRO TEX MTBE DRO Other: see COC

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	<u>0.70</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050110-wc1</u>	Station # <u>601</u>
Sampler: <u>WC</u>	Date: <u>1/10/05</u>
Well I.D.: <u>MW-4</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>8.49</u>	Depth to Water: <u>7.54</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> </u> Bailer Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: <u> </u>	Sampling Method: <u> </u> Bailer Disposable Bailer Extraction Port Other: <u> </u>
--	--

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

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

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>1015</u>	<u>62.3</u>	<u>7.0</u>	<u>1398</u>	<u>—</u>	<u>clear</u>

Did well dewater? Yes <u>NO</u>	Gallons actually evacuated: <u> </u>
Sampling Time: <u>1017</u>	Sampling Date: <u>1/10/05</u>
Sample I.D.: <u>MW-4</u>	Laboratory: <u>Pace</u> <u>Sequoia</u> Other <u> </u>
Analyzed for: <u>GRO</u> <u>PEX</u> <u>MTBE</u> <u>DRO</u> Other: <u>see coc</u>	
D.O. (if req'd):	Pre-purge: <u> </u> mg/L
	Post-purge: <u>1.61</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 #: 050110-WC1	Station # 601
Sampler: WC	Date: 1/10/01
Well I.D.: MW-5	Well Diameter: 2 3 4 6 8
Total Well Depth: 10.13	Depth to Water: 5.51
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	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:

NP

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

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume	Gals.
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Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
0823	62.8	7.2	1692	—	clear

Did well dewater? Yes

No

Gallons actually evacuated: —

Sampling Time: 0825

Sampling Date: 1/10/05

Sample I.D.: MW-5

Laboratory: Pace Sequoia Other

Analyzed for: GRO BTEX MTBE DRO

Other: see COC

D.O. (if req'd):

Pre-purge:

mg/L

Post-purge:

1.54

mg/L

O.R.P. (if req'd):

Pre-purge:

mV

Post-purge:

mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>0510110-wc1</u>	Station # <u>601</u>
Sampler: <u>we</u>	Date: <u>1/10/05</u>
Well I.D.: <u>MW-6</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>8.60</u>	Depth to Water: <u>7.03</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVT</u> Grade	D.O. Meter (if req'd): <u>YST</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: _____
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Top of Screen: _____ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

<u>Non Purge</u> 1 Case Volume (Gals.)	Specified Volumes	= _____ Gals. Calculated Volume
---	-------------------	------------------------------------

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
0838	61.9	6.9	1586	—	clear

Did well dewater? Yes ☒ No	Gallons actually evacuated: _____
Sampling Time: <u>0840</u>	Sampling Date: <u>1/10/05</u>
Sample I.D.: <u>0842 MW-6</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: <u>GRO</u> <u>BTEX</u> MTBE DRO Other: _____	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>1.29</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050110-wc1</u>	Station # <u>601</u>
Sampler: <u>we</u>	Date: <u>1/10/04</u>
Well I.D.: <u>MW-7</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>9.58</u>	Depth to Water: <u>8.25</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

Purge Method:

- ☐ Bailer
☐ Disposable Bailer
☐ Positive Air Displacement
☐ Electric Submersible
☐ Extraction Pump
 Other: _____

Sampling Method:

- ☐ Bailer
☒ Disposable Bailer
☐ Extraction Port
 Other: _____

Top of Screen: _____

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

<u>non</u> 1 Case Volume (Gals.)	<u>* purge</u> Specified Volumes	= _____ Gals. Calculated Volume
-------------------------------------	-------------------------------------	------------------------------------

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
<u>0921</u>	<u>62.6</u>	<u>7.0</u>	<u>1503</u>	<u>—</u>	<u>Clear</u>

Did well dewater? Yes ☒ No

Gallons actually evacuated: _____

Sampling Time: 0923

Sampling Date: _____

Sample I.D.: MW-7

Laboratory: Pace Sequia Other _____

Analyzed for: ☒ ORP ☒ BTEX MTBE DRO Other: see coc

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050110-WC1</u>	Station # <u>601</u>
Sampler: <u>WC</u>	Date: <u>1/10/05</u>
Well I.D.: <u>MW-8</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>10.14</u>	Depth to Water: <u>5.42</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

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

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

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

<u>Non</u>	x <u>Purge</u>	= _____ Gals.
1 Case Volume (Gals.)	Specified Volumes	Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>0949</u>	<u>61.6</u>	<u>7.1</u>	<u>1240</u>	—	<u>clear</u>

Did well dewater? Yes <u>No</u>		Gallons actually evacuated: _____	
Sampling Time: <u>0951</u>		Sampling Date: <u>1/10/05</u>	
Sample I.D.: <u>MW-8</u>		Laboratory: Pace <u>Sequoia</u> Other _____	
Analyzed for: <u>GRE</u> <u>TEX</u> MTBE DRO Other: <u>See COC</u>			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: <u>2.65</u> mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>050110-WC1</u>	Station # <u>601</u>
Sampler: <u>WC</u>	Date: <u>1/10/05</u>
Well I.D.: <u>MW-10</u>	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: <u>16.2 18.66</u>	Depth to Water: <u>6.13</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVT</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	$\pi \times \text{radius}^2 \times 0.163$

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

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

<u>Non</u> x <u>Purge</u> 1 Case Volume (Gals.)	Specified Volumes	_____ Gals. Calculated Volume
--	-------------------	----------------------------------

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
<u>1109</u>	<u>64.1</u>	<u>7.3</u>	<u>1215</u>	<u>—</u>	<u>clear</u>

Did well dewater? Yes <u>No</u>	Gallons actually evacuated: <u> </u>
Sampling Time: <u>1111</u>	Sampling Date: <u>1/10/05</u>
Sample I.D.: <u>MW-10</u>	Laboratory: <u>Pace</u> <u>Sequoia</u> Other _____
Analyzed for: <u>GRO</u> <u>BTEX</u> MTBE DRO Other: <u>see coc</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L
	Post-purge: <u>0.90</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV
	Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050110-WC1	Station # 601
Sampler: WC	Date: 1/10/05
Well I.D.: MW-14	Well Diameter: 2 3 4 6 8
Total Well Depth: 12.97	Depth to Water: 7.61
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	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: NP 7.5'

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

120	X	12.97	Gals.
1 Case Volume (Gals.)		Specified Volume	Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
1032	62.9	6.9	1468	—	Clear

Did well dewater? Yes ☒ No ☐		Gallons actually evacuated: —	
Sampling Time: 1034		Sampling Date: 1/10/05	
Sample I.D.: MW-14		Laboratory: Pace Sequoia Other: _____	
Analyzed for: GRO BTEX MTBE DRO Other: See COC			
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: 2.06 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

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

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

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

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

601

Station #

712 Lewelling Blvd, San Leandro

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

15 gal

added equip.
rinse water

2 gal

any other
adjustments

—

TOTAL GALS.
RECOVERED

17 gal

loaded onto
BTS vehicle #

48

BTS event #

time

date

050110-wel

1230

1/10/05

signature

Will Crow

REC'D AT

time

date

Blaine Tech

1330

1/10/05

unloaded by
signature

Will Crow

ATTACHMENT B

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

LABORATORY PROCEDURES

Laboratory Procedures

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



**Sequoia
Analytical**

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

25 January, 2005

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

RE: ARCO #0601, San Leandro, CA
Work Order: MOA0316

Enclosed are the results of analyses for samples received by the laboratory on 01/11/05 17:45. 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: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MOA0316-01	Water	01/10/05 09:08	01/11/05 17:45
MW-3	MOA0316-02	Water	01/10/05 12:04	01/11/05 17:45
MW-4	MOA0316-03	Water	01/10/05 10:17	01/11/05 17:45
MW-5	MOA0316-04	Water	01/10/05 08:25	01/11/05 17:45
MW-6	MOA0316-05	Water	01/10/05 08:40	01/11/05 17:45
MW-7	MOA0316-06	Water	01/10/05 09:23	01/11/05 17:45
MW-8	MOA0316-07	Water	01/10/05 09:51	01/11/05 17:45
MW-14	MOA0316-08	Water	01/10/05 10:34	01/11/05 17:45
TB-601-11005	MOA0316-09	Water	01/10/05 00:00	01/11/05 17:45
MW-10	MOA0316-10	Water	01/10/05 11:11	01/11/05 17:45

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.

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: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOA0316-01) Water Sampled: 01/10/05 09:08 Received: 01/11/05 17:45									
tert-Amyl methyl ether	ND	5.0	ug/l	10	5A21005	01/21/05	01/21/05	EPA 8260B	
Benzene	280	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	130	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	12	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	12	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	6000	500	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94 %	60-135	"	"	"	"	"	
MW-3 (MOA0316-02) Water Sampled: 01/10/05 12:04 Received: 01/11/05 17:45									
tert-Amyl methyl ether	ND	100	ug/l	200	5A21005	01/21/05	01/21/05	EPA 8260B	
Benzene	180	100	"	"	"	"	"	"	
tert-Butyl alcohol	ND	4000	"	"	"	"	"	"	
Di-isopropyl ether	ND	100	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	100	"	"	"	"	"	"	
1,2-Dichloroethane	ND	100	"	"	"	"	"	"	
Ethanol	ND	20000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	100	"	"	"	"	"	"	
Ethylbenzene	1400	100	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	100	"	"	"	"	"	"	
Toluene	150	100	"	"	"	"	"	"	
Xylenes (total)	6900	100	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	34000	10000	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93 %	60-135	"	"	"	"	"	

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

Project: ARCO #0601, San Leandro, CA
Project Number: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-4 (MOA0316-03) Water Sampled: 01/10/05 10:17 Received: 01/11/05 17:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5A21005	01/21/05	01/21/05	EPA 8260B	
Benzene	1.1	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	2.5	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	0.96	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>									
		84 %	60-135		"	"	"	"	
MW-5 (MOA0316-04) Water Sampled: 01/10/05 08:25 Received: 01/11/05 17:45									
tert-Amyl methyl ether	9.7	0.50	ug/l	1	5A21005	01/21/05	01/21/05	EPA 8260B	
Benzene	0.55	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	0.52	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	40	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	53	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	710	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>									
		93 %	60-135		"	"	"	"	

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

Project: ARCO #0601, San Leandro, CA
Project Number: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-6 (MOA0316-05) Water Sampled: 01/10/05 08:40 Received: 01/11/05 17:45									
tert-Amyl methyl ether	65	25	ug/l	50	5A21005	01/21/05	01/21/05	EPA 8260B	
Benzene	540	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	150	25	"	"	"	"	"	"	
Methyl tert-butyl ether	240	25	"	"	"	"	"	"	
Toluene	ND	25	"	"	"	"	"	"	
Xylenes (total)	46	25	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	5400	2500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		85 %	60-135		"	"	"	"	
MW-7 (MOA0316-06) Water Sampled: 01/10/05 09:23 Received: 01/11/05 17:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5A21005	01/21/05	01/21/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	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		88 %	60-135		"	"	"	"	

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

Project: ARCO #0601, San Leandro, CA
Project Number: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 (MOA0316-07) Water Sampled: 01/10/05 09:51 Received: 01/11/05 17:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5A21005	01/21/05	01/21/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	10	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		89 %	60-135		"	"	"	"	
MW-14 (MOA0316-08) Water Sampled: 01/10/05 10:34 Received: 01/11/05 17:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5A21005	01/21/05	01/21/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	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		94 %	60-135		"	"	"	"	

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

Project: ARCO #0601, San Leandro, CA
Project Number: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MOA0316-10) Water Sampled: 01/10/05 11:11 Received: 01/11/05 17:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5A19005	01/19/05	01/19/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	2.2	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		98 %	60-135		"	"	"	"	

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

Project ARCO #0601, San Leandro, CA
Project Number: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOA0316-01) Water Sampled: 01/10/05 09:08 Received: 01/11/05 17:45									
Acenaphthene	ND	25	ug/l	5	5A14030	01/14/05	01/17/05	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	50	"	"	"	"	"	"	
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	300	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: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MOA0316-01) Water Sampled: 01/10/05 09:08 Received: 01/11/05 17:45									
Hexachlorobenzene	ND	25	ug/l	5	5A14030	01/14/05	01/17/05	EPA 8270C	
Hexachlorobutadiene	ND	50	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	50	"	"	"	"	"	"	
Hexachloroethane	ND	50	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	50	"	"	"	"	"	"	
Isophorone	ND	25	"	"	"	"	"	"	
2-Methylnaphthalene	230	25	"	"	"	"	"	"	
2-Methylphenol	ND	25	"	"	"	"	"	"	
4-Methylphenol	ND	25	"	"	"	"	"	"	
Naphthalene	750	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	"	"	"	"	"	"	
Petachlorophenol	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	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		49 %	40-115		"	"	"	"	
Surrogate: Phenol-d6		32 %	20-115		"	"	"	"	
Surrogate: Nitrobenzene-d5		74 %	50-115		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		75 %	70-115		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		95 %	35-115		"	"	"	"	
Surrogate: p-Terphenyl-d14		79 %	70-130		"	"	"	"	

URS Corporation [Arco]
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Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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 5A19005 - EPA 5030B P/T / EPA 8260B

Blank (5A19005-BLK1)

Prepared & Analyzed: 01/19/05

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	"							IC
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	4.87		"	5.00		97	60-135			

Laboratory Control Sample (5A19005-BS1)

Prepared & Analyzed: 01/19/05

tert-Amyl methyl ether	9.81	0.50	ug/l	10.0		98	80-115			
Benzene	9.58	0.50	"	10.0		96	65-115			
tert-Butyl alcohol	50.3	20	"	50.0		101	75-150			
Di-isopropyl ether	8.98	0.50	"	10.0		90	75-125			
1,2-Dibromoethane (EDB)	11.0	0.50	"	10.0		110	85-120			
1,2-Dichloroethane	10.2	0.50	"	10.0		102	85-130			
Ethanol	150	100	"	200		75	70-135			IC
Ethyl tert-butyl ether	9.11	0.50	"	10.0		91	75-130			
Ethylbenzene	9.97	0.50	"	10.0		100	75-135			
Methyl tert-butyl ether	9.85	0.50	"	10.0		98	65-125			
Toluene	10.3	0.50	"	10.0		103	85-120			
Xylenes (total)	29.0	0.50	"	30.0		97	85-125			
Surrogate: 1,2-Dichloroethane-d4	4.71		"	5.00		94	60-135			

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Reported:
01/25/05 18:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 5A19005 - EPA 5030B P/T / EPA 8260B									
Laboratory Control Sample (5A19005-BS2)				Prepared & Analyzed: 01/19/05					
Benzene	4.85	0.50	ug/l	6.08		80	65-115		
Ethylbenzene	7.75	0.50	"	7.84		99	75-135		
Methyl tert-butyl ether	7.73	0.50	"	9.60		81	65-125		
Toluene	34.9	0.50	"	32.9		106	85-120		
Xylenes (total)	38.5	0.50	"	38.5		100	85-125		
Gasoline Range Organics (C4-C12)	371	50	"	440		84	70-124		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.71</i>		<i>"</i>	<i>5.00</i>		<i>94</i>	<i>60-135</i>		
Laboratory Control Sample Dup (5A19005-BSD1)				Prepared & Analyzed: 01/19/05					
tert-Amyl methyl ether	10.0	0.50	ug/l	10.0		100	80-115	2	15
Benzene	9.18	0.50	"	10.0		92	65-115	4	20
tert-Butyl alcohol	49.3	20	"	50.0		99	75-150	2	25
Di-isopropyl ether	8.50	0.50	"	10.0		85	75-125	5	15
1,2-Dibromoethane (EDB)	11.2	0.50	"	10.0		112	85-120	2	15
1,2-Dichloroethane	10.9	0.50	"	10.0		109	85-130	7	20
Ethanol	140	100	"	200		70	70-135	7	35
Ethyl tert-butyl ether	9.30	0.50	"	10.0		93	75-130	2	25
Ethylbenzene	9.42	0.50	"	10.0		94	75-135	6	15
Methyl tert-butyl ether	10.5	0.50	"	10.0		105	65-125	6	20
Toluene	9.85	0.50	"	10.0		98	85-120	4	20
Xylenes (total)	27.7	0.50	"	30.0		92	85-125	5	20
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>5.00</i>		<i>"</i>	<i>5.00</i>		<i>100</i>	<i>60-135</i>		
Matrix Spike (5A19005-MS1)				Source: MOA0389-08 Prepared & Analyzed: 01/19/05					
Benzene	509	50	ug/l	608	ND	84	65-115		
Ethylbenzene	779	50	"	784	ND	99	75-135		
Methyl tert-butyl ether	5130	50	"	960	4300	86	65-125		
Toluene	3360	50	"	3290	ND	102	85-120		
Xylenes (total)	3740	50	"	3850	ND	97	85-125		
Gasoline Range Organics (C4-C12)	39000	5000	"	44000	5300	77	70-124		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>5.14</i>		<i>"</i>	<i>5.00</i>		<i>103</i>	<i>60-135</i>		

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Project Number: G091Z-0154
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Reported:
01/25/05 18:22

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 5A19005 - EPA 5030B P/T / EPA 8260B

Matrix Spike Dup (5A19005-MSD1)	Source: MOA0389-08			Prepared & Analyzed: 01/19/05						
Benzene	546	50	ug/l	608	ND	90	65-115	7	20	
Ethylbenzene	809	50	"	784	ND	103	75-135	4	15	
Methyl tert-butyl ether	5160	50	"	960	4300	90	65-125	0.6	20	
Toluene	3570	50	"	3290	ND	109	85-120	6	20	
Xylenes (total)	4000	50	"	3850	ND	104	85-125	7	20	
Gasoline Range Organics (C4-C12)	41500	5000	"	44000	5300	82	70-124	6	20	
Surrogate: 1,2-Dichloroethane-d4	5.11		"	5.00		102	60-135			

Batch 5A21005 - EPA 5030B P/T / EPA 8260B

Blank (5A21005-BLK1)	Prepared & Analyzed: 01/21/05									
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	4.38		"	5.00		88	78-129			

Laboratory Control Sample (5A21005-BS1)	Prepared & Analyzed: 01/21/05									
tert-Amyl methyl ether	9.71	0.50	ug/l	10.0		97	82-140			
Benzene	9.49	0.50	"	10.0		95	69-124			
tert-Butyl alcohol	48.6	20	"	50.0		97	56-131			
Di-isopropyl ether	8.72	0.50	"	10.0		87	76-130			
1,2-Dibromoethane (EDB)	10.7	0.50	"	10.0		107	77-132			
1,2-Dichloroethane	9.96	0.50	"	10.0		100	77-136			
Ethanol	135	100	"	200		68	31-143			
Ethyl tert-butyl ether	9.00	0.50	"	10.0		90	81-121			
Ethylbenzene	9.98	0.50	"	10.0		100	84-132			
Methyl tert-butyl ether	10.0	0.50	"	10.0		100	63-137			

Sequoia Analytical - Morgan Hill

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1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5A21005 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5A21005-BS1)				Prepared & Analyzed: 01/21/05						
Toluene	10.2	0.50	ug/l	10.0		102	78-129			
Xylenes (total)	29.6	0.50	"	30.0		99	83-137			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.53</i>		<i>"</i>	<i>5.00</i>		<i>91</i>	<i>78-129</i>			
Laboratory Control Sample (5A21005-BS2)				Prepared & Analyzed: 01/21/05						
Benzene	5.02	0.50	ug/l	6.08		83	69-124			
Ethylbenzene	7.50	0.50	"	7.84		96	84-132			
Methyl tert-butyl ether	8.55	0.50	"	9.60		89	63-137			
Toluene	33.0	0.50	"	32.9		100	78-129			
Xylenes (total)	36.7	0.50	"	38.5		95	83-137			
Gasoline Range Organics (C4-C12)	399	50	"	440		91	70-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.73</i>		<i>"</i>	<i>5.00</i>		<i>95</i>	<i>78-129</i>			
Laboratory Control Sample Dup (5A21005-BSD1)				Prepared & Analyzed: 01/21/05						
tert-Amyl methyl ether	10.1	0.50	ug/l	10.0		101	82-140	4	20	
Benzene	9.29	0.50	"	10.0		93	69-124	2	20	
tert-Butyl alcohol	49.9	20	"	50.0		100	56-131	3	20	
Di-isopropyl ether	8.57	0.50	"	10.0		86	76-130	2	20	
1,2-Dibromoethane (EDB)	11.5	0.50	"	10.0		115	77-132	7	20	
1,2-Dichloroethane	10.5	0.50	"	10.0		105	77-136	5	20	
Ethanol	149	100	"	200		74	31-143	10	20	
Ethyl tert-butyl ether	9.25	0.50	"	10.0		92	81-121	3	20	
Ethylbenzene	9.69	0.50	"	10.0		97	84-132	3	20	
Methyl tert-butyl ether	10.4	0.50	"	10.0		104	63-137	4	20	
Toluene	10.1	0.50	"	10.0		101	78-129	1	20	
Xylenes (total)	28.6	0.50	"	30.0		95	83-137	3	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.51</i>		<i>"</i>	<i>5.00</i>		<i>90</i>	<i>78-129</i>			

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

Project: ARCO #0601, San Leandro, CA
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MOA0316
Reported:
01/25/05 18:22

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 5A21005 - EPA 5030B P/T / EPA 8260B

Matrix Spike (5A21005-MS1)		Source: MOA0316-05			Prepared & Analyzed: 01/21/05					
Benzene	798	25	ug/l	304	540	85	69-124			
Ethylbenzene	526	25	"	392	150	96	84-132			
Methyl tert-butyl ether	702	25	"	480	240	96	63-137			
Toluene	1690	25	"	1640	ND	103	78-129			
Xylenes (total)	1880	25	"	1920	46	96	83-137			
Gasoline Range Organics (C4-C12)	24900	2500	"	22000	5400	89	70-124			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.85</i>		<i>"</i>	<i>5.00</i>		<i>97</i>	<i>78-129</i>			
Matrix Spike Dup (5A21005-MSD1)		Source: MOA0316-05			Prepared & Analyzed: 01/21/05					
Benzene	814	25	ug/l	304	540	90	69-124	2	20	
Ethylbenzene	561	25	"	392	150	105	84-132	6	20	
Methyl tert-butyl ether	688	25	"	480	240	93	63-137	2	20	
Toluene	1720	25	"	1640	ND	105	78-129	2	20	
Xylenes (total)	1950	25	"	1920	46	99	83-137	4	20	
Gasoline Range Organics (C4-C12)	25700	2500	"	22000	5400	92	70-124	3	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>4.74</i>		<i>"</i>	<i>5.00</i>		<i>95</i>	<i>78-129</i>			

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MOA0316
Reported:
01/25/05 18:22

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 5A14030 - EPA 3510C SepFunnel / EPA 8270C

Blank (5A14030-BLK1)

Prepared: 01/14/05 Analyzed: 01/17/05

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	10	"
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	"
2,4-Dinitrotoluene	ND	5.0	"

Sequoia Analytical - Morgan Hill

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MOA0316
Reported:
01/25/05 18:22

**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 5A14030 - EPA 3510C SepFunnel / EPA 8270C

Blank (5A14030-BLK1)

Prepared: 01/14/05 Analyzed: 01/17/05

2,6-Dinitrotoluene	ND	5.0	ug/l							
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	51.3		"	100		51	40-115			
Surrogate: Phenol-d6	35.8		"	100		36	20-115			
Surrogate: Nitrobenzene-d5	40.8		"	50.0		82	50-115			
Surrogate: 2-Fluorobiphenyl	39.3		"	50.0		79	70-115			
Surrogate: 2,4,6-Tribromophenol	84.5		"	100		84	35-115			
Surrogate: p-Terphenyl-d14	46.2		"	50.0		92	70-130			

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: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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 5A14030 - EPA 3510C SepFunnel / EPA 8270C

Laboratory Control Sample (5A14030-BS1)

Prepared: 01/14/05 Analyzed: 01/17/05

Acenaphthene	43.8	5.0	ug/l	50.0	88	75-115				
Acenaphthylene	46.3	5.0	"	50.0	93	33-145				
Anthracene	50.5	5.0	"	50.0	101	27-133				
Benzo (a) anthracene	51.5	5.0	"	50.0	103	33-143				
Benzo (a) pyrene	52.4	5.0	"	50.0	105	17-163				
Benzo (b) fluoranthene	51.4	5.0	"	50.0	103	24-159				
Benzo (g,h,i) perylene	50.8	10	"	50.0	102	10-219				
Benzo (k) fluoranthene	50.8	5.0	"	50.0	102	11-162				
Benzyl alcohol	39.6	10	"	50.0	79	50-150				
Bis(2-chloroethoxy)methane	46.3	5.0	"	50.0	93	33-184				
Bis(2-chloroethyl)ether	39.9	10	"	50.0	80	12-158				
Bis(2-chloroisopropyl)ether	42.1	5.0	"	50.0	84	36-166				
Bis(2-ethylhexyl)phthalate	44.3	10	"	50.0	89	8-158				
4-Bromophenyl phenyl ether	45.2	5.0	"	50.0	90	53-127				
Butyl benzyl phthalate	43.8	5.0	"	50.0	88	50-150				
4-Chloroaniline	30.4	50	"	50.0	61	50-150				
2-Chloronaphthalene	38.2	5.0	"	50.0	76	60-118				
4-Chloro-3-methylphenol	49.6	5.0	"	50.0	99	75-130				
2-Chlorophenol	42.5	5.0	"	50.0	85	45-120				
4-Chlorophenyl phenyl ether	46.2	10	"	50.0	92	22-147				
Chrysene	51.2	5.0	"	50.0	102	17-168				
Dibenz (a,h) anthracene	50.2	5.0	"	50.0	100	10-227				
Dibenzofuran	44.4	5.0	"	50.0	89	50-150				
Di-n-butyl phthalate	49.6	5.0	"	50.0	99	1-118				
1,2-Dichlorobenzene	26.9	10	"	50.0	54	32-129				
1,3-Dichlorobenzene	25.7	10	"	50.0	51	10-172				
1,4-Dichlorobenzene	26.4	10	"	50.0	53	35-115				
2,4-Dichlorophenol	46.9	5.0	"	50.0	94	50-150				
Diethyl phthalate	52.9	5.0	"	50.0	106	10-114				
2,4-Dimethylphenol	14.6	10	"	50.0	29	32-119				LR
Dimethyl phthalate	52.2	5.0	"	50.0	104	10-112				
4,6-Dinitro-2-methylphenol	44.3	5.0	"	50.0	89	10-181				
2,4-Dinitrophenol	37.3	10	"	50.0	75	10-191				
2,4-Dinitrotoluene	49.2	5.0	"	50.0	98	75-120				
2,6-Dinitrotoluene	51.5	5.0	"	50.0	103	50-150				
Di-n-octyl phthalate	42.8	10	"	50.0	86	4-146				

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: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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 5A14030 - EPA 3510C SepFunnel / EPA 8270C

Laboratory Control Sample (5A14030-BS1)

Prepared: 01/14/05 Analyzed: 01/17/05

Fluoranthene	62.5	5.0	ug/l	50.0		125	26-137			
Fluorene	48.6	5.0	"	50.0		97	59-121			
Hexachlorobenzene	46.3	5.0	"	50.0		93	10-152			
Hexachlorobutadiene	26.4	10	"	50.0		53	24-116			
Hexachlorocyclopentadiene	26.3	10	"	50.0		53	50-150			
Hexachloroethane	23.8	10	"	50.0		48	40-113			
Indeno (1,2,3-cd) pyrene	50.6	10	"	50.0		101	10-171			
Isophorone	44.6	5.0	"	50.0		89	21-196			
2-Methylnaphthalene	36.2	5.0	"	50.0		72	50-150			
2-Methylphenol	34.9	5.0	"	50.0		70	50-150			
4-Methylphenol	34.2	5.0	"	25.0		137	50-150			
Naphthalene	34.8	5.0	"	50.0		70	21-133			
2-Nitroaniline	46.9	10	"	50.0		94	50-150			
3-Nitroaniline	32.4	100	"	50.0		65	50-150			
4-Nitroaniline	40.5	50	"	50.0		81	50-150			
Nitrobenzene	45.3	5.0	"	50.0		91	35-180			
2-Nitrophenol	46.5	5.0	"	50.0		93	29-182			
4-Nitrophenol	20.8	10	"	50.0		42	15-115			
N-Nitrosodi-n-propylamine	48.2	5.0	"	50.0		96	55-120			
N-Nitrosodiphenylamine	51.4	10	"	50.0		103	50-150			
Pentachlorophenol	43.1	10	"	50.0		86	30-120			
Phenanthrene	48.8	5.0	"	50.0		98	50-150			
Phenol	18.8	5.0	"	50.0		38	25-115			
Pyrene	48.2	5.0	"	50.0		96	75-140			
1,2,4-Trichlorobenzene	29.4	10	"	50.0		59	35-115			
2,4,5-Trichlorophenol	50.3	5.0	"	50.0		101	50-150			
2,4,6-Trichlorophenol	47.4	5.0	"	50.0		95	37-144			
Surrogate: 2-Fluorophenol	56.8		"	100		57	40-115			
Surrogate: Phenol-d6	37.5		"	100		38	20-115			
Surrogate: Nitrobenzene-d5	42.9		"	50.0		86	50-115			
Surrogate: 2-Fluorobiphenyl	39.2		"	50.0		78	70-115			
Surrogate: 2,4,6-Tribromophenol	95.9		"	100		96	35-115			
Surrogate: p-Terphenyl-d14	43.7		"	50.0		87	70-130			

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: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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 5A14030 - EPA 3510C SepFunnel / EPA 8270C

Laboratory Control Sample Dup (5A14030-BSD1)

Prepared: 01/14/05 Analyzed: 01/17/05

Acenaphthene	44.6	5.0	ug/l	50.0		89	75-115	2	15	
Acenaphthylene	47.4	5.0	"	50.0		95	33-145	2	20	
Anthracene	50.7	5.0	"	50.0		101	27-133	0.4	20	
Benzo (a) anthracene	51.4	5.0	"	50.0		103	33-143	0.2	20	
Benzo (a) pyrene	53.0	5.0	"	50.0		106	17-163	1	20	
Benzo (b) fluoranthene	51.7	5.0	"	50.0		103	24-159	0.6	20	
Benzo (g,h,i) perylene	50.4	10	"	50.0		101	10-219	0.8	20	
Benzo (k) fluoranthene	50.9	5.0	"	50.0		102	11-162	0.2	20	
Benzyl alcohol	40.0	10	"	50.0		80	50-150	1	20	
Bis(2-chloroethoxy)methane	46.8	5.0	"	50.0		94	33-184	1	20	
Bis(2-chloroethyl)ether	39.1	10	"	50.0		78	12-158	2	20	
Bis(2-chloroisopropyl)ether	42.9	5.0	"	50.0		86	36-166	2	20	
Bis(2-ethylhexyl)phthalate	45.8	10	"	50.0		92	8-158	3	20	
4-Bromophenyl phenyl ether	46.3	5.0	"	50.0		93	53-127	2	20	
Butyl benzyl phthalate	45.1	5.0	"	50.0		90	50-150	3	20	
4-Chloroaniline	27.8	50	"	50.0		56	50-150	9	20	
2-Chloronaphthalene	38.7	5.0	"	50.0		77	60-118	1	20	
4-Chloro-3-methylphenol	49.8	5.0	"	50.0		100	75-130	0.4	15	
2-Chlorophenol	42.2	5.0	"	50.0		84	45-120	0.7	35	
4-Chlorophenyl phenyl ether	46.8	10	"	50.0		94	22-147	1	20	
Chrysene	51.8	5.0	"	50.0		104	17-168	1	20	
Dibenz (a,h) anthracene	50.3	5.0	"	50.0		101	10-227	0.2	20	
Dibenzofuran	45.1	5.0	"	50.0		90	50-150	2	20	
Di-n-butyl phthalate	50.5	5.0	"	50.0		101	1-118	2	20	
1,2-Dichlorobenzene	27.5	10	"	50.0		55	32-129	2	20	
1,3-Dichlorobenzene	26.3	10	"	50.0		53	10-172	2	20	
1,4-Dichlorobenzene	27.3	10	"	50.0		55	35-115	3	20	
2,4-Dichlorophenol	47.0	5.0	"	50.0		94	50-150	0.2	20	
Diethyl phthalate	54.5	5.0	"	50.0		109	10-114	3	20	
2,4-Dimethylphenol	17.0	10	"	50.0		34	32-119	15	20	
Dimethyl phthalate	52.2	5.0	"	50.0		104	10-112	0	20	
4,6-Dinitro-2-methylphenol	45.9	5.0	"	50.0		92	10-181	4	20	
2,4-Dinitrophenol	33.6	10	"	50.0		67	10-191	10	20	
2,4-Dinitrotoluene	50.3	5.0	"	50.0		101	75-120	2	20	
2,6-Dinitrotoluene	51.8	5.0	"	50.0		104	50-150	0.6	20	
Di-n-octyl phthalate	44.2	10	"	50.0		88	4-146	3	20	

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: G09JZ-0154
Project Manager: Scott Robinson

MOA0316
Reported:
01/25/05 18:22

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 5A14030 - EPA 3510C SepFunnel / EPA 8270C

Laboratory Control Sample Dup (5A14030-BSD1)				Prepared: 01/14/05		Analyzed: 01/17/05				
Fluoranthene	61.2	5.0	ug/l	50.0	122	26-137	2	20		
Fluorene	49.3	5.0	"	50.0	99	59-121	1	20		
Hexachlorobenzene	47.5	5.0	"	50.0	95	10-152	3	20		
Hexachlorobutadiene	27.5	10	"	50.0	55	24-116	4	20		
Hexachlorocyclopentadiene	28.6	10	"	50.0	57	50-150	8	20		
Hexachloroethane	25.6	10	"	50.0	51	40-113	7	20		
Indeno (1,2,3-cd) pyrene	50.9	10	"	50.0	102	10-171	0.6	20		
Isophorone	45.6	5.0	"	50.0	91	21-196	2	20		
2-Methylnaphthalene	37.1	5.0	"	50.0	74	50-150	2	20		
2-Methylphenol	35.8	5.0	"	50.0	72	50-150	3	20		
4-Methylphenol	35.2	5.0	"	25.0	141	50-150	3	20		
Naphthalene	35.0	5.0	"	50.0	70	21-133	0.6	20		
2-Nitroaniline	48.6	10	"	50.0	97	50-150	4	20		
3-Nitroaniline	34.3	100	"	50.0	69	50-150	6	20		
4-Nitroaniline	42.8	50	"	50.0	86	50-150	6	20		
Nitrobenzene	44.7	5.0	"	50.0	89	35-180	1	20		
2-Nitrophenol	46.9	5.0	"	50.0	94	29-182	0.9	20		
4-Nitrophenol	22.3	10	"	50.0	45	15-115	7	35		
N-Nitrosodi-n-propylamine	50.2	5.0	"	50.0	100	55-120	4	20		
N-Nitrosodiphenylamine	52.3	10	"	50.0	105	50-150	2	20		
Pentachlorophenol	44.5	10	"	50.0	89	30-120	3	35		
Phenanthrene	49.0	5.0	"	50.0	98	50-150	0.4	20		
Phenol	18.8	5.0	"	50.0	38	25-115	0	30		
Pyrene	49.2	5.0	"	50.0	98	75-140	2	15		
1,2,4-Trichlorobenzene	29.8	10	"	50.0	60	35-115	1	15		
2,4,5-Trichlorophenol	49.8	5.0	"	50.0	100	50-150	1	20		
2,4,6-Trichlorophenol	49.3	5.0	"	50.0	99	37-144	4	20		
Surrogate: 2-Fluorophenol	55.9		"	100	56	40-115				
Surrogate: Phenol-d6	37.2		"	100	37	20-115				
Surrogate: Nitrobenzene-d5	42.8		"	50.0	86	50-115				
Surrogate: 2-Fluorobiphenyl	38.6		"	50.0	77	70-115				
Surrogate: 2,4,6-Tribromophenol	95.8		"	100	96	35-115				
Surrogate: p-Terphenyl-d14	44.5		"	50.0	89	70-130				

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612Project: ARCO #0601, San Leandro, CA
Project Number: G09JZ-0154
Project Manager: Scott RobinsonMOA0316
Reported:
01/25/05 18:22**Notes and Definitions**

LR LCS recovery below method control limits.

IC Calib. verif. is within method limits but outside contract limits

DET Analyte DETECTED

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

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

ATTACHMENT C

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

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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	9
# FIELD POINTS WITH DETECTIONS	7
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	4
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,SW8270C
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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Facility Global ID: T0600100108
Facility Name: ARCO # 00601
Submittal Title: 1Q05 GW Monitoring Report
Submittal Type: GW Monitoring Report

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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 # 2008409202	TITLE 1Q05 GW Monitoring Report	QUARTER Q1 2005
SUBMITTED BY Srijesh Thapa	SUBMIT DATE 2/2/2005	STATUS PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	9
# FIELD POINTS WITH DETECTIONS	7
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	4
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,SW8270C
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES DBFM TO BE TESTED	
- 8260FA REQUIRES BR4FBZ TO BE TESTED	
- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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Alameda County
MAR 10 2005
Environmental Health