

January 14, 2005

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

**Re: Fourth Quarter 2004 Groundwater Monitoring Report
ARCO Service Station #0601
712 Lewelling Boulevard
San Leandro, California
URS Project #38486706**

Dear Mr. Schultz:

On behalf of Atlantic Richfield Company (RM), a BP affiliated company, URS Corporation (URS) is submitting the *Fourth Quarter 2004 Groundwater Monitoring Report* for the ARCO Service Station #0601, located at 712 Lewelling Boulevard, San Leandro, California.

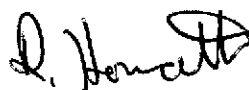
If you have any questions regarding this submission, please call (510) 874-3280.

Sincerely,

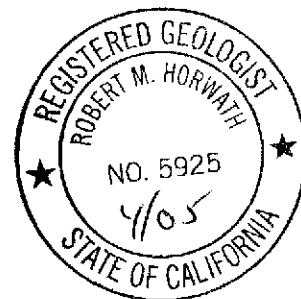
URS CORPORATION



Scott Robinson
Project Manager



Robert Horwath, R.G.
Portfolio Manager



Enclosure: Fourth Quarter 2004 Groundwater Monitoring Report

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

REPORT

FOURTH QUARTER 2004 GROUNDWATER MONITORING REPORT

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

Prepared for
RM

January 14, 2005

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

38486706

Date: January 14, 2005

Quarter: 4Q 04

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.: 38486706
Primary Agency: Alameda County Environmental Health (ACEH)

WORK PERFORMED THIS QUARTER (Fourth – 2004):

1. Performed fourth quarter 2004 groundwater monitoring event on November 4 and November 23, 2004.
2. Remove ORC socks from MW-2, MW-3, MW-5, and MW-8.

WORK PROPOSED FOR NEXT QUARTER (First – 2005):

1. Perform first quarter 2005 groundwater monitoring event.
2. Prepare and submit First Quarter 2005 Groundwater Monitoring Report.
3. Prepare and submit this Fourth Quarter 2004 Groundwater Monitoring Report.

SITE SUMMARY:

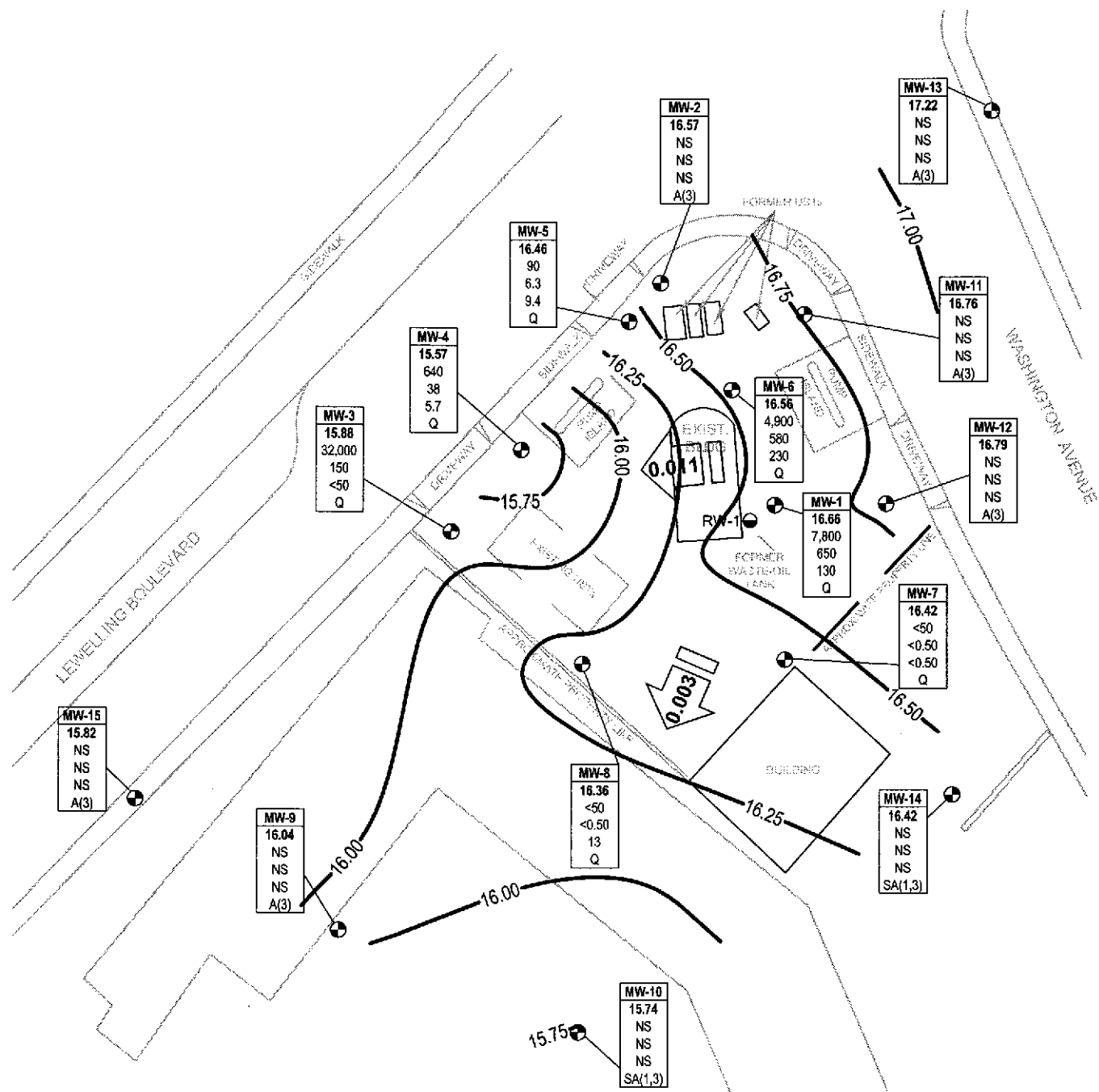
Current Phase of Project:	<u>Groundwater monitoring/sampling</u>
Frequency of Groundwater Sampling:	<u>Annual (3rd Quarter): MW-2, MW-9, MW-11, MW-12, MW-13 and MW-15</u> <u>Semi-Annual (1st/3rd Quarter) MW-10 and MW-14</u> <u>Quarterly: MW-1, MW-3 through MW-8</u>
Frequency of Groundwater Monitoring:	<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>5.90 (MW-15) to 9.13 (MW-14) feet</u>
Groundwater Gradient (direction):	<u>Variable: West to Southwest</u>
Groundwater Gradient (magnitude):	<u>Variable: 0.011 to 0.003 feet per foot</u>

DISCUSSION:

Well MW-3 was parked over during the 11/4/2004 sampling event and was revisited and sampled on 11/23/2004. Gasoline range organics (GRO) were detected at or above the laboratory reporting limit in five of the seven wells sampled this quarter at concentrations ranging from 90 micrograms per liter ($\mu\text{g/L}$) (MW-5) to 32,000 $\mu\text{g/L}$ (MW-3). Benzene was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 6.3 $\mu\text{g/L}$ (MW-5) to 650 $\mu\text{g/L}$ (MW-1). Ethylbenzene was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 1.3 $\mu\text{g/L}$ (MW-5) to 1,400 $\mu\text{g/L}$ (MW-3). Toluene was detected at or above the laboratory reporting limit in three wells at concentrations ranging from 0.94 $\mu\text{g/L}$ (MW-5) to 160 $\mu\text{g/L}$ (MW-3). Xylene was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 5.7 $\mu\text{g/L}$ (MW-5) to 7,100 $\mu\text{g/L}$ (MW-3). Methyl-tert-Butyl Ether (MTBE) was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 5.7 $\mu\text{g/L}$ (MW-4) to 230 $\mu\text{g/L}$ (MW-6). Tert-amyl methyl ether (TAME) was detected at or above the laboratory reporting limit in three wells at concentrations of 2.0 $\mu\text{g/L}$ (MW-5) and 58 $\mu\text{g/L}$ (MW-6). Well MW-1 was analyzed for semivolatile organic compounds (SVOCs) by EPA method 8270C. The sample collected from MW-1 contained bis (2-ethylhexyl) phthalate, 2-methyl-naphthalene and naphthalene detected at concentrations of 68 $\mu\text{g/L}$, 410 $\mu\text{g/L}$ and 890 $\mu\text{g/L}$, respectively.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – November 4 and 23, 2004
- Figure 2 – GRO Isoconcentration Map – November 4 and 23, 2004
- Figure 3 – Benzene Isoconcentration Map – November 4 and 23, 2004
- Figure 4 – MTBE Isoconcentration Map – November 4 and 23, 2004
- 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



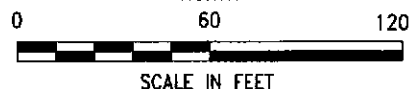
LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 15.75 GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MSL)
- 0.003 APPROXIMATE GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- Well
ELEV
GRO
Benzene
MTBE
AQ/SA
- WELL DESIGNATION
- GROUNDWATER ELEVATION (FEET ABOVE MSL)
- GRO, BENZENE & MTBE CONCENTRATIONS (μg/L)
- 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



NORTH



NOTES:

1. SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED. GROUNDWATER CONTOURS CALCULATED BY AUTODESK LAND DESKTOP.
2. WELL MW3 WAS INACCESSIBLE ON NOV. 4 SAMPLING DATE SO SAMPLING AND GAUGING WAS DONE ON NOV 23, 2004.

URS

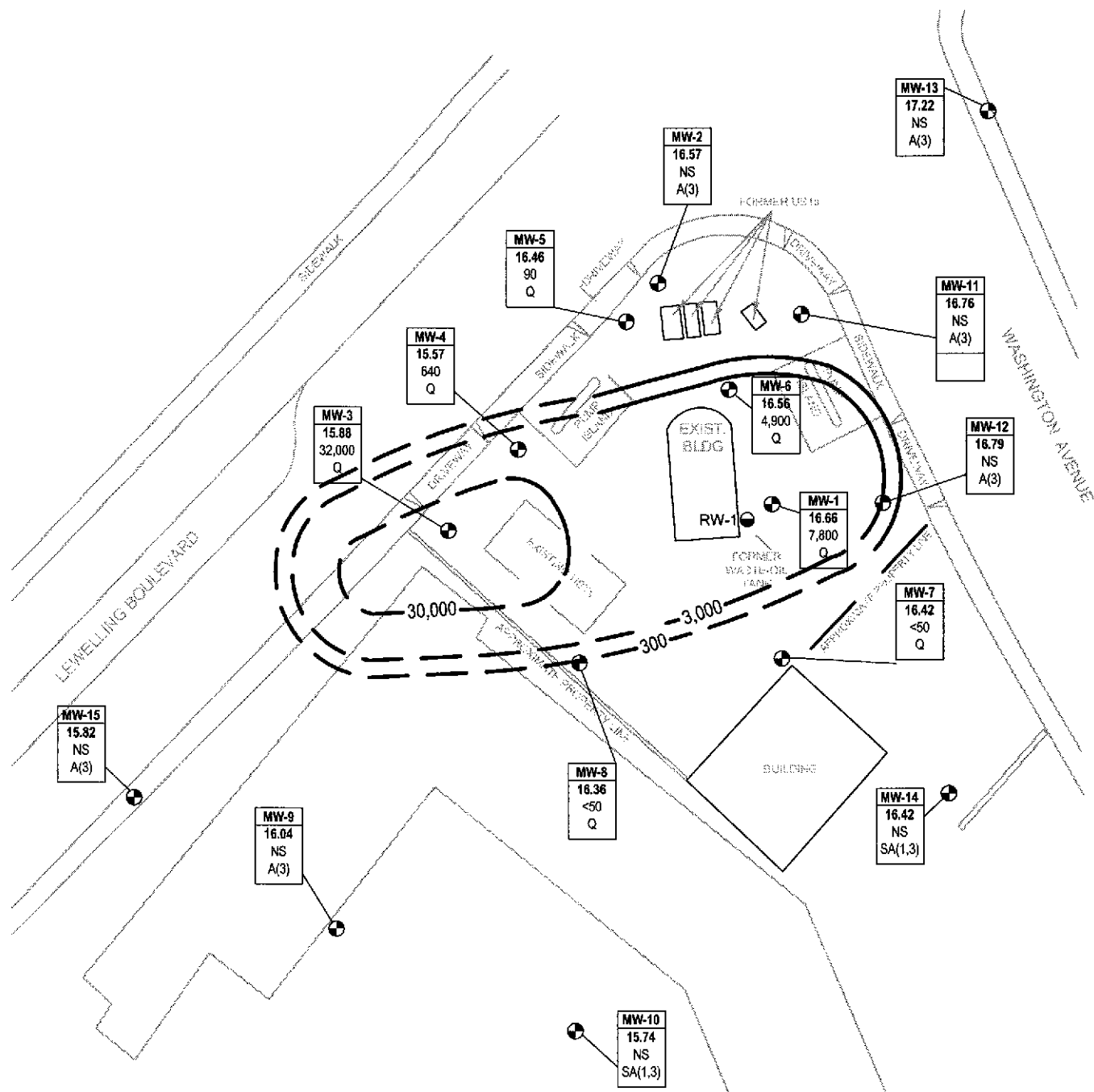
Project No. 38486706
ARCO Service Station #0601
712 Levee Boulevard
San Leandro, California

**GROUNDWATER ELEVATION CONTOUR
AND ANALYTICAL SUMMARY MAP**
Fourth Quarter 2004 (November 4 & 23, 2004)

FIGURE

1

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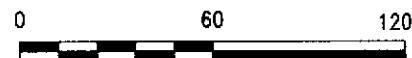


LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 300 GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MSL)
- Well: WELL DESIGNATION
- GRO: GRO, BENZENE & 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



NORTH



SCALE IN FEET

NOTES:

1. SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED. GROUNDWATER CONTOURS CALCULATED BY AUTODESK LAND DESKTOP.
2. WELL MW3 WAS INACCESSIBLE ON NOV. 4 SAMPLING DATE SO SAMPLING AND GAUGING WAS DONE ON NOV 23, 2004.

URS

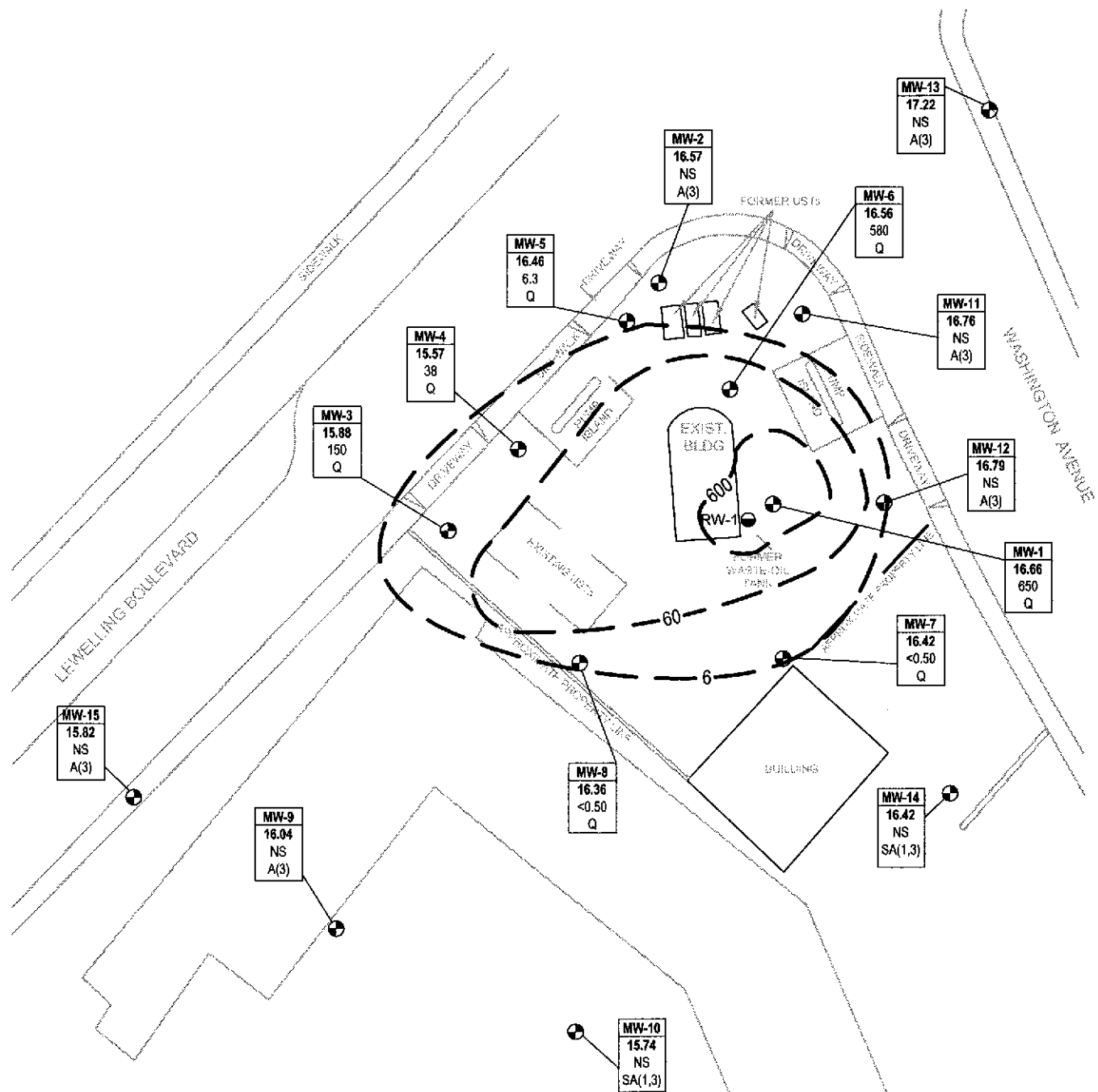
Project No. 38486706
 ARCO Service Station #0601
 712 Lewelling Boulevard
 San Leandro, California

GRO ISOCONCENTRATION MAP
 Fourth Quarter 2004 (November 4 & 23, 2004)

FIGURE

2

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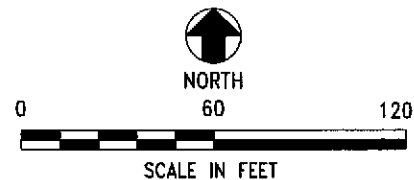


LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 6 GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MSL)
- Well: WELL DESIGNATION
- Benzene: GRO, BENZENE & 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:
 1. SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED. GROUNDWATER CONTOURS CALCULATED BY AUTODESK LAND DESKTOP.

2. WELL MW3 WAS INACCESSIBLE ON NOV. 4 SAMPLING DATE SO SAMPLING AND GAUGING WAS DONE ON NOV 23, 2004.



URS

Project No. 38486706
 ARCO Service Station #0601
 712 Levee Boulevard
 San Leandro, California

BENZENE ISOCONCENTRATION MAP
 Fourth Quarter 2004 (November 4 & 23, 2004)

FIGURE
3

●	GROUNDWATER MONITORING WELL	A(3)	SAMPLED ANNUALLY, 3RD QUARTER
●	SOIL VAPOR EXTRACTION WELL	SA(1,3)	SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS
2 ●	GROUNDWATER ELEVATION CONTOUR (FEET ABOVE MSL)	Q	SAMPLED QUARTERLY

Well	WELL DESIGNATION
MTBE	GRO, BENZENE & MTBE CONCENTRATIONS ($\mu\text{g/L}$)
A/Q/SA	SAMPLING FREQUENCY

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

2. WELL MW3 WAS INACCESSIBLE ON NOV. 4 SAMPLING DATE SO SAMPLING AND GAUGING WAS DONE ON NOV 23, 2004.



NORTH

0 60 120

SCALE IN FEET

Project No. 38486706

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

MTBE ISOCONCENTRATION MAP
Fourth Quarter 2004 (November 4 & 23, 2004)

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	--
	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	--
	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)	Ethyl-benzene (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
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	--	--	--	--
	2/16/1993	--		21.33	8.00	12.00	12.10	6.02	15.31	--	20,000	1,800	1,200	530	2,700	--	--	--	--

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-2	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 (Toluene and Ethylbenzene)	21.33	8.00	12.00	12.10	8.00	13.33	--	2,300	180	<2.5	<2.5	230	--	--	--	--
	11/20/1994	--		21.33	8.00	12.00	12.10	6.86	14.47	--	4,900	170	150	120	390	--	--	--	--
	3/17/1995	--		21.33	8.00	12.00	12.10	6.12	15.21	--	10,000	460	77	260	550	--	--	--	--
	6/1/1995	--		21.33	8.00	12.00	12.10	6.56	14.77	--	13,000	400	78	210	410	--	--	--	--
	8/31/1995	--		21.33	8.00	12.00	12.10	7.18	14.15	--	5,000	280	18	120	140	<50	--	--	--
	11/27/1995	--		21.33	8.00	12.00	12.10	7.39	13.94	--	3,200	230	12	77	90	--	--	--	--
	2/22/1996	--		21.33	8.00	12.00	12.10	5.78	15.55	--	11,000	290	67	190	330	<50	--	--	--
	5/20/1996	--		21.33	8.00	12.00	12.10	6.27	15.06	--	--	--	--	--	--	--	--	--	--
	8/26/1996	--		21.33	8.00	12.00	12.10	7.30	14.03	--	--	--	--	--	--	--	--	--	--
	11/20/1996	--		21.33	8.00	12.00	12.10	7.28	14.05	--	--	--	--	--	--	--	--	--	--
	3/24/1997	--		21.12	8.00	12.00	12.10	7.11	14.01	--	4,800	570	6	71	32	67	--	--	--
	5/23/1997	--		21.12	8.00	12.00	12.10	7.44	13.68	--	--	--	--	--	--	--	--	--	--
	8/19/1997	--		21.12	8.00	12.00	12.10	7.64	13.48	--	--	--	--	--	--	--	--	--	--
	11/19/1997	--		21.12	8.00	12.00	12.10	7.70	13.42	--	--	--	--	--	--	--	--	--	--
	2/19/1998	--		21.12	8.00	12.00	12.10	5.22	15.90	--	2,000	160	50	66	230	25	--	--	--
	4/23/1998	--		21.12	8.00	12.00	12.10	6.24	14.88	--	--	--	--	--	--	--	--	--	--
	7/27/1998	--		21.12	8.00	12.00	12.10	7.02	14.10	--	--	--	--	--	--	--	--	--	--
	10/14/1998	--		21.12	8.00	12.00	12.10	7.54	13.58	--	--	--	--	--	--	--	--	--	--
	1/21/1999	--		21.12	8.00	12.00	12.10	7.15	13.97	--	1,700	84	4	31	10	13	--	0.5	--
	5/6/1999	--		21.12	8.00	12.00	12.10	6.95	14.17	--	--	--	--	--	--	--	--	--	--
	8/23/1999	--		21.12	8.00	12.00	12.10	7.49	13.63	--	--	--	--	--	--	--	--	0.68	--
	10/28/1999	--		21.12	8.00	12.00	12.10	7.92	13.20	--	--	--	--	--	--	--	--	--	--
	2/4/2000	--		21.12	8.00	12.00	12.10	6.61	14.51	--	--	--	--	--	--	--	--	--	--
	6/20/2000	--		21.12	8.00	12.00	12.10	7.12	14.00	--	--	--	--	--	--	--	--	--	--
	9/29/2000	--		21.12	8.00	12.00	12.10	7.60	13.52	--	--	--	--	--	--	--	--	--	--
	12/17/2000	--		21.12	8.00	12.00	12.10	7.42	13.70	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	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-2	3/28/2001	--		21.12	8.00	12.00	12.10	6.84	14.28	--	838	18.1	<5.0	7.63	5.98	39.5	--	--	--
	6/20/2001	--		21.12	8.00	12.00	12.10	7.66	13.46	--	--	--	--	--	--	--	--	--	--
	9/22/2001	--		21.12	8.00	12.00	12.10	8.08	13.04	--	--	--	--	--	--	--	--	--	--
	12/27/2001	--		21.12	8.00	12.00	12.10	6.48	14.64	--	--	--	--	--	--	--	--	--	--
	3/15/2002	--		21.12	8.00	12.00	12.10	6.84	14.28	--	100	<0.5	<0.5	2.5	<0.5	75	--	--	--
	4/18/2002	--		21.12	8.00	12.00	12.10	6.19	14.93	--	--	--	--	--	--	--	--	--	--
	7/23/2002	--		21.12	8.00	12.00	12.10	7.73	13.39	--	--	--	--	--	--	--	--	--	--
	10/16/2002	--		21.12	8.00	12.00	12.10	8.10	13.02	--	--	--	--	--	--	--	--	--	--
	1/23/2003	P	g	21.12	8.00	12.00	12.10	6.52	14.60	--	<5,000	<50	<50	<50	<50	95	--	1.6	7.2
	4/7/2003	--		21.12	8.00	12.00	12.10	7.22	13.90	--	--	--	--	--	--	--	--	--	--
	8/7/2003	--		21.12	8.00	12.00	12.10	7.84	13.28	--	--	--	--	--	--	--	--	--	--
	10/23/2003	P	m	21.12	8.00	12.00	12.10	7.95	13.17	--	<250	<2.5	<2.5	<2.5	4.2	68	--	--	--
	01/12/2004	--		21.12	8.00	12.00	12.10	6.60	14.52	--	--	--	--	--	--	--	--	--	--
	04/20/2004	--		23.87	8.00	12.00	--	8.32	15.55	--	--	--	--	--	--	--	--	--	--
	07/01/2004	P	o	23.87	8.00	12.00	--	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	--	7.30	16.57	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--

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-3	11/20/1994	--		20.11	8.00	12.00	11.85	5.88	14.23	--	80,000	4,700	9,700	2,400	15,000	--	--	--	--
	3/17/1995	--		20.11	8.00	12.00	11.85	5.46	14.65	--	370,000	4,800	12,000	5,800	34,000	--	--	--	--
	6/1/1995	--		20.11	8.00	12.00	11.85	6.34	13.77	--	270,000	6,000	11,000	5,200	28,000	--	--	--	--
	8/31/1995	--	i, l	20.11	8.00	12.00	11.85	6.60	13.52	--	--	--	--	--	--	--	--	--	--
	11/27/1995	--		20.11	8.00	12.00	11.85	6.76	13.35	--	150,000	5,100	8,800	3,900	21,000	--	--	--	--
	2/22/1996	--		20.11	8.00	12.00	11.85	5.14	14.97	--	150,000	4,400	7,600	4,100	22,000	<3,000	--	--	--
	5/20/1996	--		20.11	8.00	12.00	11.85	5.17	14.94	--	410,000	4,700	8,000	6,300	36,000	<3,000	--	--	--
	8/26/1996	--		20.11	8.00	12.00	11.85	7.04	13.07	--	260,000	4,000	6,100	4,200	24,000	<2,000	--	--	--
	11/20/1996	--		20.11	8.00	12.00	11.85	6.26	13.85	--	190,000	3,200	5,800	3,300	20,000	<1,000	--	--	--
	3/24/1997	--		22.99	8.00	12.00	11.85	6.94	16.05	--	430,000	2,700	7,600	7,000	39,000	<5,000	--	--	--
	5/23/1997	--		22.99	8.00	12.00	11.85	6.98	16.01	--	130,000	2,100	4,300	3,500	19,000	<700	--	--	--
	8/19/1997	--		22.99	8.00	12.00	11.85	7.25	15.74	--	100,000	2,000	3,200	<100	19,000	<600	--	--	--
	11/19/1997	--		22.99	8.00	12.00	11.85	7.25	15.74	--	93,000	1,700	2,400	2,800	16,000	<600	--	--	--
	2/19/1998	--		22.99	8.00	12.00	11.85	5.24	17.75	--	80,000	620	1,200	2,500	13,000	<600	--	--	--
	4/23/1998	--		22.99	8.00	12.00	11.85	6.60	16.39	--	130,000	1,500	2,400	3,500	18,000	<600	--	3.5	--
	7/27/1998	--		22.99	8.00	12.00	11.85	7.00	15.99	--	140,000	920	1,500	2,400	13,000	<600	--	1	--
	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	--
	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

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	4/7/2003	--		22.99	8.00	12.00	11.85	7.05	15.94	--	48,000	620	450	2,200	11,000	<50	--	1.4	6.9
	8/7/2003	--	m	--	8.00	12.00	11.85	6.89	--	--	35,000	360	250	1,700	8,100	<100	--	2.4	8.9
	10/23/2003	P	m	22.99	8.00	12.00	--	7.05	15.94	--	36,000	340	250	1,700	8,300	<25	--	--	--
	01/12/2004	NP		22.99	8.00	12.00	--	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	--	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	--	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	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/23/2004	P		22.63	8.00	12.00	--	6.75	15.88	--	32,000	150	160	1,400	7,100	<50	--	1.2	7.5
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 (Ethylbenzene)	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	--	--	--

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	8/19/1997	--	b	22.38	6.00	9.00	--			--	--	--	--	--	--	--	--	--	--
	11/19/1997	--	b, j	22.38	6.00	9.00	--			--	3700	600	93	120	710	<60	--	--	--
	2/19/1998	--		22.38	6.00	9.00	--	6.78	15.60	--	1,800	93	51	29	420	110	--	--	--
	4/23/1998	--		22.38	6.00	9.00	--	6.47	15.91	--	6,500	700	110	180	1,300	93	--	0.5	--
	7/27/1998	--		22.38	6.00	9.00	--	7.22	15.16	--	10,000	1,400	140	290	1,900	<120	--	1.5	--
	10/14/1998	--		22.38	6.00	9.00	--	7.60	14.78	--	6,500	900	63	200	1,200	63	--	1	--
	1/21/1999	--		22.38	6.00	9.00	--	7.43	14.95	--	1,700	140	22	56	320	13	--	0.5	--
	5/6/1999	--		22.38	6.00	9.00	--	6.55	15.83	--	3,300	250	36	73	890	41	--	1.28	--
	8/23/1999	--		22.38	6.00	9.00	--	7.16	15.22	--	7,400	500	73	230	1,700	57	--	0.89	--
	10/28/1999	--		22.38	6.00	9.00	--	8.28	14.10	--	370	41	5.7	14	52	16	--	0.92	--
	2/4/2000	--		22.38	6.00	9.00	--	8.23	14.15	--	310	33	7.5	11	65	8	--	2.43	--
	6/20/2000	--		22.38	6.00	9.00	--	6.46	15.92	--	2,700	210	20	94	520	46	--	--	--
	9/29/2000	--	b	22.38	6.00	9.00	--			--	--	--	--	--	--	--	--	--	--
	12/17/2000	--	b	22.38	6.00	9.00	--			--	--	--	--	--	--	--	--	--	--
	3/28/2001	--	b	22.38	6.00	9.00	--	7.49	14.89	--	--	--	--	--	--	--	--	--	--
	6/20/2001	--		22.38	6.00	9.00	--	7.21	15.17	--	13,000	690	170	330	1,400	110	--	--	--
	9/22/2001	--		22.38	6.00	9.00	--	7.43	14.95	--	6,700	650	110	410	1,800	100	--	--	--
	12/27/2001	--		22.38	6.00	9.00	--	7.32	15.06	--	1,200	47	15	46	250	15	--	--	--
	3/15/2002	--		22.38	6.00	9.00	--	7.43	14.95	--	490	34	7.4	26	110	12	--	--	--
	4/18/2002	--		22.38	6.00	9.00	--	7.00	15.38	--	<50	0.57	0.83	<0.5	1.1	3.7	--	--	--
	7/23/2002	NP	d	22.38	6.00	9.00	--	7.70	14.68	--	820	80	12	23	190	41	--	2.2	7.3
	10/16/2002	NP	d	22.38	6.00	9.00	--	7.75	14.63	--	2,000	220	25	140	570	<25	--	1.8	7.6
	1/23/2003	NP	g	22.38	6.00	9.00	--	7.11	15.27	--	<250	<2.5	<2.5	<2.5	8.8	5.9	--	1.7	7
	4/7/2003	--		22.38	6.00	9.00	--	7.19	15.19	--	310	24	2.4	15	62	9.2	--	1.1	7.1
	8/7/2003	--	m	--	6.00	9.00	--	7.45	--	--	3,000	280	<25	150	700	<25	--	1.2	6.8
	10/23/2003	NP	m	22.38	6.00	9.00	--	7.59	14.79	--	1,700	150	7.6	83	320	12	--	--	--
	01/12/2004	NP		22.38	6.00	9.00	--	7.40	14.98	--	260	4.4	<2.5	<2.5	27	4.3	--	2.4	7.3
	04/20/2004	NP		23.32	6.00	9.00	--	7.38	15.94	--	1,500	160	<5.0	50	320	12	--	1.4	7.1
	07/01/2004	NP		23.32	6.00	9.00	--	7.78	15.54	--	1,800	150	5.2	16	260	15	--	1.9	7.0
	11/04/2004	NP		23.32	6.00	9.00	--	7.75	15.57	--	640	38	1.9	2.1	110	5.7	--	1.9	7.0
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	--		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	--		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)	Ethyl-benzene (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
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 (Toluene)	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 (Toluene)	22.08	5.50	9.00	--	7.41	14.67	--	30,000	11,000	<100	1,200	2,300	--	--	--	--
	3/17/1995	--	n (Toluene)	22.08	5.50	9.00	--	6.66	15.42	--	45,000	9,300	<100	1,900	3,600	--	--	--	--
	6/1/1995	--		22.08	5.50	9.00	--	7.60	14.48	--	23,000	5,600	<50	1,300	1,900	--	--	--	--

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	8/31/1995	--		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
	8/7/2003	--	b	22.77	5.50	9.00	--			--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

Well No.	Date	P/ NP	Notes	Top of Riser (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Well Depth (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	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-6	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
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	--			--	--	--	--	--	--	--	--	--	--
	2/19/1998	--		22.89	8.00	10.00	--	6.13	16.76	--	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	4/23/1998	--		22.89	8.00	10.00	--	7.44	15.45	--	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.5	--

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-7	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	--
	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
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 (Toluene)	20.97	6.50	10.50	--	5.81	15.16	--	8,000	18	<5	320	42	--	--	--	--
	6/8/1992	--	n (Benzene, Toluene, Xylenes)	20.97	6.50	10.50	--	8.01	12.96	--	4,000	<10	<10	110	<10	--	--	--	--
	9/15/1992	--	n (Toluene, Xylenes)	20.97	6.50	10.50	--	8.80	12.17	--	4,200	6.4	<5	120	<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-8	11/16/1992	--	n (Toluene)	20.97	6.50	10.50	--	8.19	12.78	--	2,600	4	<2.5	21	5.2	--	--	--	--
	2/16/1993	--	n (Benzene, Toluene, Xylenes)	20.97	6.50	10.50	--	5.84	15.13	--	8,700	<5	<5	200	<5	--	--	--	--
	5/13/1993	--	n (Benzene, Toluene, Xylenes)	20.97	6.50	10.50	--	6.93	14.04	--	2,300	<5	<5	42	<5	--	--	--	--
	8/17/1993	--	n (Toluene)	20.97	6.50	10.50	--	7.87	13.10	--	1,700	1.8	<1.3	16	1.2	--	--	--	--
	11/8/1993	--	n (Toluene)	20.97	6.50	10.50	--	8.31	12.66	--	1,200	2.4	<1	19	2.3	--	--	--	--
	2/14/1994	--	n (Toluene, Xylenes)	20.97	6.50	10.50	--	7.00	13.97	--	3,600	3	<1	72	<1	--	--	--	--
	5/5/1994	--	n (Benzene, Toluene, Xylenes)	20.97	6.50	10.50	--	7.46	13.51	--	2,100	<2.5	<2.5	8.3	<2.5	--	--	--	--
	8/4/1994	--	n (Toluene, Xylenes)	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 (Benzene, Toluene, Xylenes)	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	--

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-8	5/6/1999	--		20.89	6.50	10.50	--	7.30	13.59	--	<50	<0.5	<0.5	<0.5	<0.5	160	--	12.76	--
	8/23/1999	--		20.89	6.50	10.50	--	7.45	13.44	--	<50	<0.5	<0.5	<0.5	<0.5	5	--	7.85	--
	10/28/1999	--		20.89	6.50	10.50	--	8.22	12.67	--	160	<0.5	<0.5	<0.5	<1	45	--	0.84	--
	2/4/2000	--		20.89	6.50	10.50	--	8.47	12.42	--	<50	<0.5	<0.5	<0.5	<1	<3	--	1.92	--
	6/20/2000	--		20.89	6.50	10.50	--	7.23	13.66	--	150	<0.5	0.9	<0.5	<1.0	310	--	--	--
	9/29/2000	--		20.89	6.50	10.50	--	7.91	12.98	--	149	<0.5	<0.5	<0.5	<0.5	438	--	--	--
	12/17/2000	--		20.89	6.50	10.50	--	7.11	13.78	--	662	<5.0	<5.0	<5.0	<5.0	273	--	--	--
	3/28/2001	--		20.89	6.50	10.50	--	6.88	14.01	--	840	<5.0	<5.0	<5.0	<5.0	320	--	--	--
	6/20/2001	--		20.89	6.50	10.50	--	7.25	13.64	--	230	<0.5	<0.5	<0.5	0.65	330	--	--	--
	9/22/2001	--		20.89	6.50	10.50	--	8.14	12.75	--	<50	<0.5	<0.5	<0.5	<0.5	6.5	--	--	--
	12/27/2001	--		20.89	6.50	10.50	--	6.73	14.16	--	780	<0.5	<0.5	0.6	0.89	160	--	--	--
	3/15/2002	--		20.89	6.50	10.50	--	6.94	13.95	--	1,100	<10	<10	<10	<10	830	--	--	--
	4/18/2002	--		20.89	6.50	10.50	--			--	--	--	--	--	--	--	--	--	--
	7/23/2002	NP		20.89	6.50	10.50	--	7.89	13.00	--	<50	<0.50	<0.50	<0.50	<0.50	8.7	--	4.5	7.7
	10/16/2002	NP		20.89	6.50	10.50	--	8.13	12.76	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	4.2	7.5
	1/23/2003	NP	g	20.89	6.50	10.50	--	6.47	14.42	--	<50	<0.50	<0.50	<0.50	<0.50	2.6	--	4	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
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	--	--	--

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-9	11/27/1995	--		20.89	6.00	19.50	15.90	8.38	12.51	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	2/22/1996	--		20.89	6.00	19.50	15.90	7.36	13.53	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	5/20/1996	--		20.89	6.00	19.50	15.90	7.81	13.08	--	--	--	--	--	--	--	--	--	--
	8/26/1996	--		20.89	6.00	19.50	15.90	8.00	12.89	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	11/20/1996	--		20.89	6.00	19.50	15.90	7.06	13.83	--	--	--	--	--	--	--	--	--	--
	3/24/1997	--		22.26	6.00	19.50	15.90	7.74	14.52	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	5/23/1997	--		22.26	6.00	19.50	15.90	8.28	13.98	--	--	--	--	--	--	--	--	--	--
	8/19/1997	--		22.26	6.00	19.50	15.90	8.32	13.94	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	11/19/1997	--		22.26	6.00	19.50	15.90	8.32	13.94	--	--	--	--	--	--	--	--	--	--
	2/19/1998	--		22.26	6.00	19.50	15.90	7.11	15.15	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	4/23/1998	--		22.26	6.00	19.50	15.90	8.18	14.08	--	--	--	--	--	--	--	--	--	--
	7/27/1998	--		22.26	6.00	19.50	15.90	7.97	14.29	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	3.6	--
	10/14/1998	--		22.26	6.00	19.50	15.90	8.29	13.97	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	2.5	--
	1/21/1999	--		22.26	6.00	19.50	15.90	7.63	14.63	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.5	--
	5/6/1999	--		22.26	6.00	19.50	15.90	7.27	14.99	--	--	--	--	--	--	--	--	--	--
	8/23/1999	--		22.26	6.00	19.50	15.90	8.24	14.02	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.93	--
	10/28/1999	--		22.26	6.00	19.50	15.90	8.63	13.63	--	--	--	--	--	--	--	--	--	--
	2/4/2000	--		22.26	6.00	19.50	15.90	8.01	14.25	--	<50	<0.50	1.6	<0.50	<1	<3	--	1.47	--
	6/20/2000	--		22.26	6.00	19.50	15.90	8.01	14.25	--	--	--	--	--	--	--	--	--	--
	9/29/2000	--		22.26	6.00	19.50	15.90	8.44	13.82	--	<50	<0.5	<0.5	<0.5	<0.5	3.44	--	--	--
	12/17/2000	--		22.26	6.00	19.50	15.90	7.84	14.42	--	--	--	--	--	--	--	--	--	--
	3/28/2001	--		22.26	6.00	19.50	15.90	7.58	14.68	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	6/20/2001	--		22.26	6.00	19.50	15.90	7.75	14.51	--	--	--	--	--	--	--	--	--	--
	9/22/2001	--		22.26	6.00	19.50	15.90	8.69	13.57	--	<50	<0.5	<0.5	<0.5	<0.5	7.8	--	--	--
	12/27/2001	--		22.26	6.00	19.50	15.90	7.15	15.11	--	--	--	--	--	--	--	--	--	--
	3/15/2002	--		22.26	6.00	19.50	15.90	7.23	15.03	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		22.26	6.00	19.50	15.90	6.79	15.47	--	--	--	--	--	--	--	--	--	--
	7/23/2002	P		22.26	6.00	19.50	15.90	8.30	13.96	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.4	7.2
	10/16/2002	--		22.26	6.00	19.50	15.90	8.64	13.62	--	--	--	--	--	--	--	--	--	--
	1/23/2003	P	g	22.26	6.00	19.50	15.90	7.35	14.91	--	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	3	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	--	8.48	13.78	--	--	--	--	--	--	--	--	--	--
	01/12/2004	--		22.26	6.00	19.50	--	7.46	14.80	--	--	--	--	--	--	--	--	--	--

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-9	04/20/2004	--		23.64	6.00	19.50	--	8.65	14.99	--	--	--	--	--	--	--	--	--	--
	07/01/2004	P		23.64	6.00	19.50	--	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	--	7.60	16.04	--	--	--	--	--	--	--	--	--	--
MW-10	6/11/1993	--		21.12	6.00	16.50	11.90	8.14	12.98	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	8/17/1993	--		21.12	6.00	16.50	11.90	8.54	12.58	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	11/8/1993	--		21.12	6.00	16.50	11.90	8.70	12.42	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	2/14/1994	--		21.12	6.00	16.50	11.90	7.13	13.99	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	5/5/1994	--		21.12	6.00	16.50	11.90	8.08	13.04	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	8/4/1994	--		21.12	6.00	16.50	11.90	8.84	12.28	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	11/20/1994	--		21.12	6.00	16.50	11.90	7.05	14.07	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	3/17/1995	--		21.12	6.00	16.50	11.90	6.26	14.86	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	6/1/1995	--		21.12	6.00	16.50	11.90	7.63	13.49	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	8/31/1995	--		21.12	6.00	16.50	11.90	8.17	12.95	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	11/27/1995	--		21.12	6.00	16.50	11.90	8.38	12.74	--	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
	2/22/1996	--		21.12	6.00	16.50	11.90	5.41	15.71	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	5/20/1996	--		21.12	6.00	16.50	11.90	6.78	14.34	--	--	--	--	--	--	--	--	--	--
	8/26/1996	--		21.12	6.00	16.50	11.90	8.00	13.12	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	11/20/1996	--		21.12	6.00	16.50	11.90	7.81	13.31	--	--	--	--	--	--	--	--	--	--
	3/24/1997	--		21.33	6.00	16.50	11.90	7.87	13.46	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	5/23/1997	--		21.33	6.00	16.50	11.90	8.33	13.00	--	--	--	--	--	--	--	--	--	--
	8/19/1997	--		21.33	6.00	16.50	11.90	8.39	12.94	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	11/19/1997	--		21.33	6.00	16.50	11.90	8.39	12.94	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	2/19/1998	--		21.33	6.00	16.50	11.90	4.65	16.68	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
	4/23/1998	--		21.33	6.00	16.50	11.90	6.28	15.05	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	0.5	--
	7/27/1998	--		21.33	6.00	16.50	11.90	7.97	13.36	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	3.3	--
	10/14/1998	--		21.33	6.00	16.50	11.90	8.41	12.92	--	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1	--
	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	--	--	--

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-10	12/17/2000	--		21.33	6.00	16.50	11.90	7.91	13.42	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	3/28/2001	--		21.33	6.00	16.50	11.90	7.47	13.86	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	6/20/2001	--		21.33	6.00	16.50	11.90	8.11	13.22	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	9/22/2001	--		21.33	6.00	16.50	11.90	8.77	12.56	--	<50	< 0.5	< 0.5	<0.5	<0.5	<2.5	--	--	--
	12/27/2001	--		21.33	6.00	16.50	11.90	6.94	14.39	--	<50	< 0.5	< 0.5	<0.5	<0.5	<2.5	--	--	--
	3/15/2002	--		21.33	6.00	16.50	11.90	7.48	13.85	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		21.33	6.00	16.50	11.90	6.77	14.56	--	<50	< 0.5	< 0.5	< 0.5	<0.5	3.8	--	1.22	--
	7/23/2002	NP		21.33	6.00	16.50	11.90	8.42	12.91	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1	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	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
	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	--	8.71	12.62	--	--	--	--	--	--	--	--	--	--
	01/12/2004	NP		21.33	6.00	16.50	--	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	--	8.15	15.27	--	--	--	--	--	--	--	--	--	--
	07/01/2004	NP		23.42	6.00	16.50	--	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	--	7.68	15.74	--	--	--	--	--	--	--	--	--	--
MW-11	11/16/1992	--	n (Toluene)	22.38	7.00	12.00	--	9.02	13.36	--	7,000	21	<10	18	230	--	--	--	--
	2/16/1993	--	n (Benzene, Toluene, Xylenes)	22.38	7.00	12.00	--	7.11	15.27	--	2,200	<10	<10	11	<10	--	--	--	--
	5/13/1993	--	n (Benzene, Toluene)	22.38	7.00	12.00	--	8.04	14.34	--	1,600	<2.5	<2.5	41	6.8	--	--	--	--
	8/17/1993	--	n (Toluene)	22.38	7.00	12.00	--	8.78	13.60	--	830	1.4	<1.0	25	15	--	--	--	--
	11/8/1993	--	n (Benzene, Toluene)	22.38	7.00	12.00	--	9.23	13.15	--	370	<1.0	<1.0	2.5	2.1	--	--	--	--
	2/14/1994	--	n (Benzene, Toluene)	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 (Toluene)	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	--	--	--

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-11	11/27/1995	--		22.38	7.00	12.00	--	8.48	13.90	--	340	<0.5	<0.5	2.2	1.6	--	--	--	--
	2/22/1996	--		22.38	7.00	12.00	--	6.63	15.75	--	150	<0.5	<0.5	<0.8	<0.8	<3	--	--	--
	5/20/1996	--		22.38	7.00	12.00	--	7.25	15.13	--	--	--	--	--	--	--	--	--	--
	8/26/1996	--		22.38	7.00	12.00	--	8.22	14.16	--	--	--	--	--	--	--	--	--	--
	11/20/1996	--		22.38	7.00	12.00	--	8.37	14.01	--	--	--	--	--	--	--	--	--	--
	3/24/1997	--		20.97	7.00	12.00	--	8.15	12.82	--	63	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	5/23/1997	--		20.97	7.00	12.00	--	8.48	12.49	--	--	--	--	--	--	--	--	--	--
	8/19/1997	--		20.97	7.00	12.00	--	8.67	12.30	--	--	--	--	--	--	--	--	--	--
	11/19/1997	--		20.97	7.00	12.00	--	8.67	12.30	--	--	--	--	--	--	--	--	--	--
	2/19/1998	--		20.97	7.00	12.00	--	6.25	14.72	--	<50	<0.5	1.6	<0.5	1.8	7	--	--	--
	4/23/1998	--		20.97	7.00	12.00	--	7.23	13.74	--	--	--	--	--	--	--	--	--	--
	7/27/1998	--		20.97	7.00	12.00	--	8.05	12.92	--	--	--	--	--	--	--	--	--	--
	10/14/1998	--		20.97	7.00	12.00	--	8.58	12.39	--	--	--	--	--	--	--	--	--	--
	1/21/1999	--		20.97	7.00	12.00	--	8.25	12.72	--	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.5	--
	5/6/1999	--		20.97	7.00	12.00	--	7.95	13.02	--	--	--	--	--	--	--	--	--	--
	8/23/1999	--		20.97	7.00	12.00	--	8.51	12.46	--	--	--	--	--	--	--	--	0.86	--
	10/28/1999	--		20.97	7.00	12.00	--	8.95	12.02	--	--	--	--	--	--	--	--	--	--
	2/4/2000	--		20.97	7.00	12.00	--	7.88	13.09	--	<50	<0.5	<0.5	<0.5	<1	<3	--	3.29	--
	6/20/2000	--		20.97	7.00	12.00	--	8.18	12.79	--	--	--	--	--	--	--	--	--	--
	9/29/2000	--		20.97	7.00	12.00	--	8.60	12.37	--	--	--	--	--	--	--	--	--	--
	12/17/2000	--		20.97	7.00	12.00	--	8.48	12.49	--	--	--	--	--	--	--	--	--	--
	3/28/2001	--		20.97	7.00	12.00	--	7.88	13.09	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	6/20/2001	--		20.97	7.00	12.00	--	8.48	12.49	--	--	--	--	--	--	--	--	--	--
	9/22/2001	--		20.97	7.00	12.00	--	9.11	11.86	--	--	--	--	--	--	--	--	--	--
	12/27/2001	--		20.97	7.00	12.00	--	7.50	13.47	--	--	--	--	--	--	--	--	--	--
	3/15/2002	--		20.97	7.00	12.00	--	7.87	13.10	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		20.97	7.00	12.00	--	7.22	13.75	--	--	--	--	--	--	--	--	--	--
	7/23/2002	--		20.97	7.00	12.00	--	8.76	12.21	--	--	--	--	--	--	--	--	--	--
	10/16/2002	--		20.97	7.00	12.00	--	9.15	11.82	--	--	--	--	--	--	--	--	--	--
	1/23/2003	P	g	20.97	7.00	12.00	--	7.61	13.36	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.4	7.4
	4/7/2003	--		20.97	7.00	12.00	--	8.25	12.72	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--

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	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	--	--	--	--	--	--	--	--	--	--
MW-12	11/16/1992	--		22.77	7.50	12.50	--	9.65	13.12	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	2/16/1993	--		22.77	7.50	12.50	--	7.88	14.89	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	5/13/1993	--		22.77	7.50	12.50	--	8.63	14.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	8/17/1993	--		22.77	7.50	12.50	--	9.30	13.47	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	11/8/1993	--		22.77	7.50	12.50	--	9.72	13.05	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	2/14/1994	--		22.77	7.50	12.50	--	8.24	14.53	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	5/5/1994	--		22.77	7.50	12.50	--	8.97	13.80	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	8/4/1994	--		22.77	7.50	12.50	--	9.57	13.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	11/20/1994	--		22.77	7.50	12.50	--	8.06	14.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	3/17/1995	--		22.77	7.50	12.50	--	7.09	15.68	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	6/1/1995	--		22.77	7.50	12.50	--	8.40	14.37	--	--	--	--	--	--	--	--	--	--
	8/31/1995	--		22.77	7.50	12.50	--	8.55	14.22	--	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	11/27/1995	--		22.77	7.50	12.50	--	8.95	13.82	--	--	--	--	--	--	--	--	--	--
	2/22/1996	--		22.77	7.50	12.50	--	6.81	15.96	--	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	5/20/1996	--		22.77	7.50	12.50	--	7.56	15.21	--	--	--	--	--	--	--	--	--	--
	8/26/1996	--		22.77	7.50	12.50	--	8.63	14.14	--	--	--	--	--	--	--	--	--	--
	11/20/1996	--		22.77	7.50	12.50	--	8.38	14.39	--	--	--	--	--	--	--	--	--	--
	3/24/1997	--		20.11	7.50	12.50	--	8.75	11.36	--	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	5/23/1997	--		20.11	7.50	12.50	--	8.92	11.19	--	--	--	--	--	--	--	--	--	--
	8/19/1997	--		20.11	7.50	12.50	--	9.20	10.91	--	--	--	--	--	--	--	--	--	--
	11/19/1997	--		20.11	7.50	12.50	--	9.20	10.91	--	--	--	--	--	--	--	--	--	--
	2/19/1998	--		20.11	7.50	12.50	--	6.28	13.83	--	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
	4/23/1998	--		20.11	7.50	12.50	--	7.52	12.59	--	--	--	--	--	--	--	--	--	--
	7/27/1998	--		20.11	7.50	12.50	--	8.52	11.59	--	--	--	--	--	--	--	--	--	--
	10/14/1998	--		20.11	7.50	12.50	--	9.06	11.05	--	--	--	--	--	--	--	--	--	--
	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	--

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-12	6/20/2000	--		20.11	7.50	12.50	--	8.55	11.56	--	--	--	--	--	--	--	--	--	--
	9/29/2000	--		20.11	7.50	12.50	--	8.98	11.13	--	--	--	--	--	--	--	--	--	--
	12/17/2000	--		20.11	7.50	12.50	--	8.76	11.35	--	--	--	--	--	--	--	--	--	--
	3/28/2001	--		20.11	7.50	12.50	--	8.31	11.80	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	6/20/2001	--		20.11	7.50	12.50	--	9.10	11.01	--	--	--	--	--	--	--	--	--	--
	9/22/2001	--		20.11	7.50	12.50	--	9.48	10.63	--	--	--	--	--	--	--	--	--	--
	12/27/2001	--		20.11	7.50	12.50	--	7.78	12.33	--	--	--	--	--	--	--	--	--	--
	3/15/2002	--		20.11	7.50	12.50	--	8.22	11.89	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		20.11	7.50	12.50	--	7.65	12.46	--	--	--	--	--	--	--	--	--	--
	7/23/2002	--		20.11	7.50	12.50	--	9.18	10.93	--	--	--	--	--	--	--	--	--	--
	10/16/2002	--		20.11	7.50	12.50	--	9.51	10.60	--	--	--	--	--	--	--	--	--	--
	1/23/2003	--		20.11	7.50	12.50	--	7.86	12.25	--	--	--	--	--	--	--	--	--	--
	4/7/2003	--		20.11	7.50	12.50	--	8.58	11.53	--	--	--	--	--	--	--	--	--	--
	8/7/2003	--		20.11	7.50	12.50	--	9.23	10.88	--	--	--	--	--	--	--	--	--	--
	10/23/2003	P		20.11	7.50	12.50	--	9.44	10.67	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
	01/12/2004	--		20.11	7.50	12.50	--	8.08	12.03	--	--	--	--	--	--	--	--	--	--
	04/20/2004	--		25.32	7.50	12.50	--	9.28	16.04	--	--	--	--	--	--	--	--	--	--
	07/01/2004	P		25.32	7.50	12.50	--	9.65	15.67	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.8	7.0
	11/04/2004	--		25.32	7.50	12.50	--	8.53	16.79	--	--	--	--	--	--	--	--	--	--
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	--	--	--

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-13	5/20/1996	--		22.45	--	13.00	--	6.98	15.47	--	--	--	--	--	--	--	--	--	--
	8/26/1996	--		22.45	--	13.00	--	7.85	14.60	--	--	--	--	--	--	--	--	--	--
	11/20/1996	--		22.45	--	13.00	--	7.76	14.69	--	--	--	--	--	--	--	--	--	--
	3/24/1997	--		20.75	--	13.00	--	7.85	12.90	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	--	--
	5/23/1997	--		20.75	--	13.00	--	8.16	12.59	--	--	--	--	--	--	--	--	--	--
	8/19/1997	--		20.75	--	13.00	--	8.40	12.35	--	--	--	--	--	--	--	--	--	--
	11/19/1997	--		20.75	--	13.00	--	8.40	12.35	--	--	--	--	--	--	--	--	--	--
	2/19/1998	--		20.75	--	13.00	--	6.44	14.31	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	--	--
	4/23/1998	--		20.75	--	13.00	--	6.80	13.95	--	--	--	--	--	--	--	--	--	--
	7/27/1998	--		20.75	--	13.00	--	7.52	13.23	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	1.5	--
	10/14/1998	--		20.75	--	13.00	--	8.15	12.60	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	2	--
	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
	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

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	11/04/2004	--		25.01	--	13.00	--	7.79	17.22	--	--	--	--	--	--	--	--	--	--
MW-14	9/15/1992	--		22.99	7.50	13.50	--	10.66	12.33	--	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	11/16/1992	--		22.99	7.50	13.50	--	10.33	12.66	--	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	2/16/1993	--		22.99	7.50	13.50	--	8.18	14.81	--	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	5/13/1993	--		22.99	7.50	13.50	--	9.05	13.94	--	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	8/17/1993	--		22.99	7.50	13.50	--	22.99	0.00	--	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	11/8/1993	--		22.99	7.50	13.50	--	10.25	12.74	--	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	2/14/1994	--		22.99	7.50	13.50	--	8.80	14.19	--	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	5/5/1994	--		22.99	7.50	13.50	--	9.49	13.50	--	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	8/4/1994	--		22.99	7.50	13.50	--	10.11	12.88	--	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	11/20/1994	--		22.99	7.50	13.50	--	8.66	14.33	--	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	3/17/1995	--		22.99	7.50	13.50	--	8.17	14.82	--	<50	< 0.5	< 0.5	< 0.5	<0.5	--	--	--	--
	6/1/1995	--		22.99	7.50	13.50	--	8.57	14.42	--	--	--	--	--	--	--	--	--	--
	8/31/1995	--		22.99	7.50	13.50	--	9.05	13.94	--	--	--	--	--	--	--	--	--	--
	11/27/1995	--		22.99	7.50	13.50	--	9.19	13.80	--	--	--	--	--	--	--	--	--	--
	2/22/1996	--		22.99	7.50	13.50	--	6.52	16.47	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	--	--
	5/20/1996	--		22.99	7.50	13.50	--	7.88	15.11	--	--	--	--	--	--	--	--	--	--
	8/26/1996	--		22.99	7.50	13.50	--	8.83	14.16	--	--	--	--	--	--	--	--	--	--
	11/20/1996	--		22.99	7.50	13.50	--	8.95	14.04	--	--	--	--	--	--	--	--	--	--
	3/24/1997	--		20.9	7.50	13.50	--	8.98	11.92	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<3	--	--	--
	5/23/1997	--		20.9	7.50	13.50	--	9.61	11.29	--	--	--	--	--	--	--	--	--	--
	8/19/1997	--		20.9	7.50	13.50	--	9.80	11.10	--	--	--	--	--	--	--	--	--	--
	11/19/1997	--		20.9	7.50	13.50	--	9.80	11.10	--	<50	1.7	< 0.5	0.6	3	<3	--	--	--
	2/19/1998	--		20.9	7.50	13.50	--	6.27	14.63	--	<50	< 0.5	< 0.5	< 0.5	< 0.5	<3	--	--	--
	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	--
	10/14/1998	--		20.9	7.50	13.50	--	9.73	11.17	--	<50	< 0.5	< 0.5	< 0.5	< 0.5	<3	--	1	--
	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	--	--	--

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	9/29/2000	--		20.9	7.50	13.50	--	9.48	11.42	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.50	--	--	--
	12/17/2000	--		20.9	7.50	13.50	--	9.24	11.66	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	3/28/2001	--		20.9	7.50	13.50	--	8.91	11.99	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	6/20/2001	--		20.9	7.50	13.50	--	9.70	11.20	--	<50	< 0.5	< 0.5	< 0.5	<0.5	3.1	--	--	--
	9/22/2001	--		20.9	7.50	13.50	--	10.04	10.86	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	12/27/2001	--		20.9	7.50	13.50	--	8.33	12.57	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	3/15/2002	--		20.9	7.50	13.50	--	8.75	12.15	--	<50	< 0.5	< 0.5	< 0.5	<0.5	<2.5	--	--	--
	4/18/2002	--		20.9	7.50	13.50	--	8.21	12.69	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
	7/23/2002	NP		20.9	7.50	13.50	--	9.76	11.14	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.4	7.1
	10/16/2002	NP		20.9	7.50	13.50	--	10.10	10.80	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.1	5.8
	1/23/2003	NP	g	20.9	7.50	13.50	--	8.41	12.49	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.3	7.1
	4/7/2003	--		20.9	7.50	13.50	--	9.09	11.81	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.4	6.9
	8/7/2003	--		20.9	7.50	13.50	--	9.81	11.09	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.4	6.7
	10/23/2003	P		20.90	7.50	13.50	--	10.04	10.86	--	--	--	--	--	--	--	--	--	--
	01/12/2004	P		20.90	7.50	13.50	--	8.89	12.01	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.0	7.2
	04/20/2004	--		25.55	7.50	13.50	--	9.62	15.93	--	--	--	--	--	--	--	--	--	--
	07/01/2004	NP		25.55	7.50	13.50	--	10.03	15.52	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.6	6.7
	11/04/2004	--		25.55	7.50	13.50	--	9.13	16.42	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--

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-15	3/24/1997	--		22.08	5.50	10.50	--	6.00	16.08	--	<50	< 0.5	< 0.5	< 0.5	<0.5	15	--	--	--
	5/23/1997	--		22.08	5.50	10.50	--	6.25	15.83	--	--	--	--	--	--	--	--	--	--
	8/19/1997	--	j	22.08	5.50	10.50	--	6.34	15.74	--	99	< 0.5	< 0.5	< 0.5	0.7	6	--	--	--
	11/19/1997	--		22.08	5.50	10.50	--	6.34	15.74	--	--	--	--	--	--	--	--	--	--
	2/19/1998	--		22.08	5.50	10.50	--	4.66	17.42	--	<50	< 0.5	< 0.5	< 0.5	<0.5	48	--	--	--
	4/23/1998	--		22.08	5.50	10.50	--	5.18	16.90	--	--	--	--	--	--	--	--	--	--
	7/27/1998	--		22.08	5.50	10.50	--	6.02	16.06	--	<50	< 0.5	< 0.5	< 0.5	<0.5	50	--	1	--
	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	--
	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	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	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

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

ABBREVIATIONS & SYMBOLS:

-- = Not analyzed/applicable/measured/available
< = Not detected at or above laboratory reporting limit
DO = Dissolved oxygen
DTW = Depth to water in feet below ground surface
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
P = Purge
TOC = Top of casing measured in feet above mean sea level
TPH-g = Total petroleum hydrocarbons as gasoline
TPHD = Total Petroleum Hydrocarbons as diesel, California DHS (Dept. of Health Services) LUFT (Leaking Underground Fuel Tank) Method
TRPH = Total Recoverable Petroleum Hydrocarbons
ug/L = Micrograms per liter

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.

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.

Source : 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	
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	
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	
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	

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	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	
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	
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	
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	
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	

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-10	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	
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	
MW-15	1/23/2003	<40	<20	<20	<0.50	<0.50	<0.50	<0.50	<0.50	
	4/7/2003	--	--	--	--	--	--	--	--	
	8/7/2003	--	--	--	--	--	--	--	--	
	07/01/2004	<100	<20	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data
ARCO Service Station #0601
712 Lewelling Blvd., San Leandro, CA

ABBREVIATIONS & SYMBOLS:

-- = 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.

NOTES:

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

Source : 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

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 Group Environmental 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
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)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	2-Methylnaphthalene (µg/L)	Bis (2-ethylhexyl) Phthalate (µg/L)	2,4-Dimethylphenol (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

ABBREVIATIONS AND SYMBOLS:

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

Source: 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 # 041104-01

Date 11/4/09

Client Arco 601

Site 712 Levealing 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 TOB	
MW-1	4					8.12	11.02	TOC	NP @ 7'
MW-2	4	*				7.30	12.19		G.O.
MW-3	4	car parked over well whole event							NP @ 8'
MW-4	4					7.75	8.46		NP
MW-5	4	*				7.01	10.05		NP
MW-6	4					8.10	8.54		NP
MW-7	4					9.04	9.55		NP
MW-8	4	*				7.19	10.10		NP
MW-9	2					7.60	16.19		G.O.
MW-10	2					7.68	18.62		G.O.
MW-11	4					8.21	11.79		G.O.
MW-12	4					8.53	11.57		G.O.
MW-13	2					7.79	12.92		G.O.
MW-14	2					9.13	12.91		G.O.
MW-15	2					5.90	12.02	✓	G.O.
* ORCs removed & brought back to BTS shop									

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>041104-PC1</u>	Station # <u>Arco 601</u>
Sampler: <u>PC</u>	Date: <u>11/4/04</u>
Well I.D.: <u>MW-1</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u> </u>
Total Well Depth: <u>11.02</u>	Depth to Water: <u>8.12</u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

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

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

Top of Screen: 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.

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

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
902	67.4	6.7	152.7		

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: 902 Sampling Date: 11/4/04

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: <u> </u> mg/L	Post-purge: <u>1.2</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 #: <u>041104-PC1</u>	Station # <u>ARCO 601</u>
Sampler: <u>PC</u>	Date: <u>11/14/04</u>
Well I.D.: <u>MU-3</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
					<u>Car parked over well for whole event</u>

Did well dewater? Yes No	Gallons actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: Pace Sequoia Other _____
Analyzed for: GEO BTEX MTBE DRO Other:	
D.O. (if req'd): Pre-purge:	Post-purge:
O.R.P. (if req'd): Pre-purge:	Post-purge:

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>041104-PC1</u>	Station # <u>ARCO 601</u>
Sampler: <u>PC</u>	Date: <u>11/4/04</u>
Well I.D.: <u>MW-4</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>8.46</u>	Depth to Water: <u>7.75</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVE</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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
<u>1000</u>	<u>66.5</u>	<u>7.0</u>	<u>1399</u>		

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: 1000 Sampling Date: 11/4/04

Sample I.D.: MW-4 Laboratory: Pace Sequoia Other: _____

Analyzed for: GRO BTEX MTBE DRO Other: see LOC

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.0 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>041104-P21</u>	Station # <u>Arco 601</u>
Sampler: <u>pc</u>	Date: <u>11/4/04</u>
Well I.D.: <u>MW-5</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

Purge Method: <u>Bailer</u> 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
<u>948</u>	<u>69.2</u>	<u>7.6</u>	<u>1528</u>	-	

Did well dewater? Yes <u>No</u>	Gallons actually evacuated: _____
Sampling Time: <u>948</u>	Sampling Date: <u>11/4/04</u>
Sample I.D.: <u>MW-5</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: <u>GRO BTEX</u> MTBE DRO Other: <u>see COC</u>	
D.O. (if req'd):	Pre-purge: _____ ^{mg/L} Post-purge: <u>7.5</u> ^{mg/L}
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>041104-PC1</u>	Station # <u>Arco 601</u>
Sampler: <u>PC</u>	Date: <u>11/4/04</u>
Well I.D.: <u>MWB</u>	Well Diameter: <u>2</u> <u>3</u> <u>4</u> <u>6</u> <u>8</u> _____
Total Well Depth: <u>854</u>	Depth to Water: <u>610</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>ROE</u> Grade	D.O. Meter (if req'd): <u>YSP</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
 Other: _____

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

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

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
<u>924</u>	<u>63.1</u>	<u>6.9</u>	<u>1526</u>		

Did well dewater? Yes <u>No</u>	Gallons actually evacuated: _____
Sampling Time: <u>924</u>	Sampling Date: <u>11/4/04</u>
Sample I.D.: <u>MWB</u>	Laboratory: <u>Pace</u> <u>Sequon</u> Other: _____
Analyzed for: <u>ORO</u> <u>BTEX</u> MTBE DRO Other: <u>see COC</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>2.4</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>041104-PC1</u>	Station # <u>Arco local</u>
Sampler: <u>PC</u>	Date: <u>11/4/04</u>
Well I.D.: <u>MW-7</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>955</u>	Depth to Water: <u>9.04</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>IVE</u> Grade	D.O. Meter (if req'd): <u>TSI</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.

_____	X	<u>No Purge</u>	=	_____ Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
<u>844</u>	<u>64.0</u>	<u>7.1</u>	<u>1385</u>	—	

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

Sampling Time: 844 Sampling Date: 11/4/04

Sample I.D.: MW-7 Laboratory: Pace Sequoia Other: _____

Analyzed for: GRO BTEX MTBE DRO Other: see COC

D.O. (if req'd):	Pre-purge: _____ mg/L	Post-purge: <u>5.4</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV	Post-purge: _____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>041104-PC1</u>	Station # <u>Arco 601</u>
Sampler: <u>PC</u>	Date: <u>11/4/04</u>
Well I.D.: <u>MW-B</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>10.10</u>	Depth to Water: <u>7.19</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH

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

Purge Method: <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.

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

Time	Temp (°F)	pH	Conductivity (mS or μ S)	Gals. Removed	Observations
<u>830</u>	<u>67.7</u>	<u>7.9</u>	<u>1330</u>	<u>—</u>	

Did well dewater? Yes <u>(No)</u>	Gallons actually evacuated: <u>—</u>
Sampling Time: <u>830</u>	Sampling Date: <u>11/4/04</u>
Sample I.D.: <u>MW-B</u>	Laboratory: Pace <u>Sequoia</u> Other _____
Analyzed for: <u>GRO BTEX</u> MTBE DRO Other: <u>see COL</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>12.0</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

WELL GAUGING DATA

Project # 041123-PCS Date 11/23/04 Client URS A/c 601

Site 712 Lowelling 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 TOB	
MW-3	4					6.75	11.90	TOC	
		⇒ DRC sockets removed and disposed of @ BTS							

ARCO / BP WELL MONITORING DATA SHEET

BTS #: <u>041123-PC3</u>	Station # <u>Arco 601</u>
Sampler: <u>PC</u>	Date: <u>11/23/04</u>
Well I.D.: <u>MW3</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>11.90</u>	Depth to Water: <u>6.75</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PC)</u> Grade	D.O. Meter (if req'd): <u>(SP)</u> HACH

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

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

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

<u>3.3</u> 1 Case Volume (Gals.)	X	<u>3</u> Specified Volumes	=	<u>9.9</u> Calculated Volume	Gals.
-------------------------------------	---	-------------------------------	---	---------------------------------	-------

Time	Temp (°F)	pH	Conductivity (mS or <u>µS</u>)	Gals. Removed	Observations
1420	69.3	7.0	960	3.3	clear
1422	70.2	6.9	824	6.6	↓
1423	70.0	7.5	902	9.9	

Did well dewater? Yes <u>(ND)</u>	Gallons actually evacuated: <u>10</u>
Sampling Time: <u>1430</u>	Sampling Date: <u>11/23/04</u>
Sample I.D.: <u>MW3</u>	Laboratory: Pace <u>(Sequola)</u> Other _____
Analyzed for: <u>(GRO) BTX</u> MTBE DRO Other: <u>see COC</u>	
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: <u>1.2</u> mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

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

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

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

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

Arco 601

Station #

712 Leveley Blvd., San Leandro

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

10

added equip.

rinse water 2

any other

adjustments _____

TOTAL GALS.

RECOVERED 12

loaded onto

BTS vehicle # 52

BTS event #

041123-PCS

time

date

1430 11/23/04

signature Art V. V. V.

REC'D AT

time

date

BTS

11/23/04

unloaded by

signature Art V. V. V.

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.



19 November, 2004

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

RE: ARCO #0601, San Leandro, CA
Work Order: MNK0225

Enclosed are the results of analyses for samples received by the laboratory on 11/04/04 17:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210



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

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

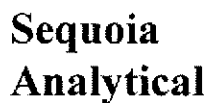
MNK0225
Reported:
11/19/04 19:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MNK0225-01	Water	11/04/04 09:02	11/04/04 17:15
MW-4	MNK0225-02	Water	11/04/04 10:00	11/04/04 17:15
MW-5	MNK0225-03	Water	11/04/04 09:48	11/04/04 17:15
MW-6	MNK0225-04	Water	11/04/04 09:24	11/04/04 17:15
MW-7	MNK0225-05	Water	11/04/04 08:44	11/04/04 17:15
MW-8	MNK0225-06	Water	11/04/04 08:30	11/04/04 17:15

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

These samples were received with intact custody seals.



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

MNK0225
Reported:
11/19/04 19:11

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNK0225-01) Water Sampled: 11/04/04 09:02 Received: 11/04/04 17:15									
tert-Amyl methyl ether	5.5	5.0	ug/l	10	4K12006	11/12/04	11/12/04	EPA 8260B	
Benzene	650	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	300	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	130	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	12	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	7800	500	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89 %		78-129	"	"	"	"	
MW-4 (MNK0225-02) Water Sampled: 11/04/04 10:00 Received: 11/04/04 17:15									
tert-Amyl methyl ether	ND	1.0	ug/l	2	4K12006	11/12/04	11/12/04	EPA 8260B	
Benzene	38	1.0	"	"	"	"	"	"	
tert-Butyl alcohol	ND	40	"	"	"	"	"	"	
Di-isopropyl ether	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.0	"	"	"	"	"	"	
Ethanol	ND	200	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	2.1	1.0	"	"	"	"	"	"	
Methyl tert-butyl ether	5.7	1.0	"	"	"	"	"	"	
Toluene	1.9	1.0	"	"	"	"	"	"	
Xylenes (total)	110	1.0	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	640	100	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89 %		78-129	"	"	"	"	

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1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

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11/19/04 19:11

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MNK0225-03) Water Sampled: 11/04/04 09:48 Received: 11/04/04 17:15									
tert-Amyl methyl ether	2.0	0.50	ug/l	1	4K12006	11/12/04	11/12/04	EPA 8260B	
Benzene	6.3	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	1.3	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	9.4	0.50	"	"	"	"	"	"	
Toluene	0.94	0.50	"	"	"	"	"	"	
Xylenes (total)	5.7	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	90	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		89 %	78-129		"	"	"	"	
MW-6 (MNK0225-04) Water Sampled: 11/04/04 09:24 Received: 11/04/04 17:15									
tert-Amyl methyl ether	58	10	ug/l	20	4K12006	11/12/04	11/12/04	EPA 8260B	
Benzene	580	10	"	"	"	"	"	"	
tert-Butyl alcohol	ND	400	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
Ethanol	ND	2000	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
Ethylbenzene	180	10	"	"	"	"	"	"	
Methyl tert-butyl ether	230	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Xylenes (total)	30	10	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	4900	1000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		89 %	78-129		"	"	"	"	

URS Corporation [Arco]
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Reported:
11/19/04 19:11

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-7 (MNK0225-05) Water Sampled: 11/04/04 08:44 Received: 11/04/04 17:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4K12006	11/12/04	11/12/04	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	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89 %	78-129		"	"	"	"	
MW-8 (MNK0225-06) Water Sampled: 11/04/04 08:30 Received: 11/04/04 17:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4K12006	11/12/04	11/12/04	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	13	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88 %	78-129		"	"	"	"	

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11/19/04 19:11

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-1 (MNK0225-01) Water Sampled: 11/04/04 09:02 Received: 11/04/04 17:15									
Acenaphthene	ND	24	ug/l	5	4K08034	11/08/04	11/09/04	EPA 8270C	
Acenaphthylene	ND	24	"	"	"	"	"	"	
Anthracene	ND	24	"	"	"	"	"	"	
Benzo (a) anthracene	ND	24	"	"	"	"	"	"	
Benzo (a) pyrene	ND	24	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	24	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	49	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	24	"	"	"	"	"	"	
Benzoic acid	ND	49	"	"	"	"	"	"	
Benzyl alcohol	ND	49	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	24	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	49	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	24	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	68	49	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	24	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	24	"	"	"	"	"	"	
4-Chloroaniline	ND	240	"	"	"	"	"	"	
2-Chloronaphthalene	ND	24	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	24	"	"	"	"	"	"	
2-Chlorophenol	ND	24	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	49	"	"	"	"	"	"	
Chrysene	ND	24	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	24	"	"	"	"	"	"	
Dibenzofuran	ND	24	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	24	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	49	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	49	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	49	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	240	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	24	"	"	"	"	"	"	
Diethyl phthalate	ND	24	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	49	"	"	"	"	"	"	
Dimethyl phthalate	ND	24	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	24	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	49	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	24	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	24	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	49	"	"	"	"	"	"	
Fluoranthene	ND	24	"	"	"	"	"	"	
Fluorene	ND	24	"	"	"	"	"	"	

Sequoia Analytical - Morgan Hill

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1333 Broadway, Suite 800
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Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

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Reported:
11/19/04 19:11

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNK0225-01) Water Sampled: 11/04/04 09:02 Received: 11/04/04 17:15									
Hexachlorobenzene	ND	24	ug/l	5	4K08034	11/08/04	11/09/04	EPA 8270C	
Hexachlorobutadiene	ND	49	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	49	"	"	"	"	"	"	
Hexachloroethane	ND	49	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	49	"	"	"	"	"	"	
Isophorone	ND	24	"	"	"	"	"	"	
2-Methylnaphthalene	410	24	"	"	"	"	"	"	
2-Methylphenol	ND	24	"	"	"	"	"	"	
4-Methylphenol	ND	24	"	"	"	"	"	"	
Naphthalene	890	49	"	10	"	"	11/15/04	"	
2-Nitroaniline	ND	49	"	5	"	"	11/09/04	"	
3-Nitroaniline	ND	490	"	"	"	"	"	"	
4-Nitroaniline	ND	240	"	"	"	"	"	"	
Nitrobenzene	ND	24	"	"	"	"	"	"	
2-Nitrophenol	ND	24	"	"	"	"	"	"	
4-Nitrophenol	ND	49	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	24	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	49	"	"	"	"	"	"	
Pentachlorophenol	ND	49	"	"	"	"	"	"	
Phenanthrene	ND	24	"	"	"	"	"	"	
Phenol	ND	24	"	"	"	"	"	"	
Pyrene	ND	24	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	49	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	24	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	24	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		54 %	31-117		"	"	"	"	
Surrogate: Phenol-d6		38 %	24-105		"	"	"	"	
Surrogate: Nitrobenzene-d5		100 %	66-107		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		93 %	61-110		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		79 %	46-110		"	"	"	"	
Surrogate: p-Terphenyl-d14		97 %	63-136		"	"	"	"	

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Reported:
11/19/04 19:11

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 4K12006 - EPA 5030B P/T / EPA 8260B

Blank (4K12006-BLK1)

Prepared & Analyzed: 11/12/04

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	4.45		"	5.00		89	78-129			

Laboratory Control Sample (4K12006-BS1)

Prepared & Analyzed: 11/12/04

tert-Amyl methyl ether	10.1	0.50	ug/l	10.0		101	82-140			
Benzene	9.00	0.50	"	10.0		90	69-124			
tert-Butyl alcohol	49.0	20	"	50.0		98	56-131			
Di-isopropyl ether	8.74	0.50	"	10.0		87	76-130			
1,2-Dibromoethane (EDB)	11.4	0.50	"	10.0		114	77-132			
1,2-Dichloroethane	10.3	0.50	"	10.0		103	77-136			
Ethanol	217	100	"	200		108	31-143			
Ethyl tert-butyl ether	9.50	0.50	"	10.0		95	81-121			
Ethylbenzene	10.4	0.50	"	10.0		104	84-132			
Methyl tert-butyl ether	9.82	0.50	"	10.0		98	63-137			
Toluene	10.6	0.50	"	10.0		106	78-129			
Xylenes (total)	31.0	0.50	"	30.0		103	83-137			
Surrogate: 1,2-Dichloroethane-d4	3.98		"	5.00		80	78-129			

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11/19/04 19:11

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 4K12006 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (4K12006-BS2)				Prepared & Analyzed: 11/12/04						
Gasoline Range Organics (C4-C12)	396	50	ug/l	440		90	70-124			
Surrogate: 1,2-Dichloroethane-d4	4.41		"	5.00		88	78-129			
Laboratory Control Sample Dup (4K12006-BSD2)				Prepared & Analyzed: 11/12/04						
Gasoline Range Organics (C4-C12)	534	50	ug/l	440		121	70-124	30	20	RB
Surrogate: 1,2-Dichloroethane-d4	4.19		"	5.00		84	78-129			
Matrix Spike (4K12006-MS1)				Source: MNK0368-02		Prepared & Analyzed: 11/12/04				
tert-Amyl methyl ether	100	5.0	ug/l	100	ND	100	82-140			
Benzene	94.5	5.0	"	100	1.5	93	69-124			
tert-Butyl alcohol	611	200	"	500	130	96	56-131			
Di-isopropyl ether	89.3	5.0	"	100	0.70	89	76-130			
1,2-Dibromoethane (EDB)	111	5.0	"	100	ND	111	77-132			
1,2-Dichloroethane	102	5.0	"	100	ND	102	77-136			
Ethanol	2040	1000	"	2000	ND	102	31-143			
Ethyl tert-butyl ether	96.8	5.0	"	100	0.50	96	81-121			
Ethylbenzene	104	5.0	"	100	1.0	103	84-132			
Methyl tert-butyl ether	600	5.0	"	100	470	130	63-137			
Toluene	99.6	5.0	"	100	ND	100	78-129			
Xylenes (total)	308	5.0	"	300	3.0	102	83-137			
Surrogate: 1,2-Dichloroethane-d4	4.39		"	5.00		88	78-129			
Matrix Spike Dup (4K12006-MSD1)				Source: MNK0368-02		Prepared & Analyzed: 11/12/04				
tert-Amyl methyl ether	101	5.0	ug/l	100	ND	101	82-140	1	20	
Benzene	98.7	5.0	"	100	1.5	97	69-124	4	20	
tert-Butyl alcohol	617	200	"	500	130	97	56-131	1	20	
Di-isopropyl ether	93.0	5.0	"	100	0.70	92	76-130	4	20	
1,2-Dibromoethane (EDB)	114	5.0	"	100	ND	114	77-132	3	20	
1,2-Dichloroethane	108	5.0	"	100	ND	108	77-136	6	20	
Ethanol	2400	1000	"	2000	ND	120	31-143	16	20	
Ethyl tert-butyl ether	98.1	5.0	"	100	0.50	98	81-121	1	20	
Ethylbenzene	108	5.0	"	100	1.0	107	84-132	4	20	
Methyl tert-butyl ether	625	5.0	"	100	470	155	63-137	4	20	BB,LM
Toluene	107	5.0	"	100	ND	107	78-129	7	20	
Xylenes (total)	324	5.0	"	300	3.0	107	83-137	5	20	
Surrogate: 1,2-Dichloroethane-d4	4.50		"	5.00		90	78-129			

Sequoia Analytical - Morgan Hill

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Project Manager: Scott Robinson

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Reported:
11/19/04 19:11

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4K08034 - EPA 3510C SepFunnel / EPA 8270C

Blank (4K08034-BLK1)

Prepared: 11/08/04 Analyzed: 11/09/04

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

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MNK0225
Reported:
11/19/04 19:11

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 4K08034 - EPA 3510C SepFunnel / EPA 8270C

Blank (4K08034-BLK1)

Prepared: 11/08/04 Analyzed: 11/09/04

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	30.0		"	50.0		60	31-117			
Surrogate: Phenol-d6	21.0		"	50.0		42	24-105			
Surrogate: Nitrobenzene-d5	48.6		"	50.0		97	66-107			
Surrogate: 2-Fluorobiphenyl	45.2		"	50.0		90	61-110			
Surrogate: 2,4,6-Tribromophenol	31.4		"	50.0		63	46-110			
Surrogate: p-Terphenyl-d14	53.2		"	50.0		106	63-136			

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: INTRIM-50677
Project Manager: Scott Robinson

MNK0225
Reported:
11/19/04 19:11

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 4K08034 - EPA 3510C SepFunnel / EPA 8270C

Laboratory Control Sample (4K08034-BS1)

Prepared: 11/08/04 Analyzed: 11/09/04

Acenaphthene	49.0	5.0	ug/l	50.0		98	64-110			
Acenaphthylene	48.6	5.0	"	50.0		97	33-145			
Anthracene	51.5	5.0	"	50.0		103	27-133			
Benzo (a) anthracene	52.2	5.0	"	50.0		104	33-143			
Benzo (a) pyrene	50.4	5.0	"	50.0		101	17-163			
Benzo (b) fluoranthene	46.0	5.0	"	50.0		92	24-159			
Benzo (g,h,i) perylene	43.4	10	"	50.0		87	10-219			
Benzo (k) fluoranthene	49.9	5.0	"	50.0		100	11-162			
Benzyl alcohol	43.9	10	"	50.0		88	50-150			
Bis(2-chloroethoxy)methane	52.5	5.0	"	50.0		105	33-184			
Bis(2-chloroethyl)ether	45.9	10	"	50.0		92	12-158			
Bis(2-chloroisopropyl)ether	49.3	5.0	"	50.0		99	36-166			
Bis(2-ethylhexyl)phthalate	50.9	10	"	50.0		102	8-158			
4-Bromophenyl phenyl ether	52.6	5.0	"	50.0		105	53-127			
Butyl benzyl phthalate	51.6	5.0	"	50.0		103	50-150			
4-Chloroaniline	41.9	50	"	50.0		84	50-150			
2-Chloronaphthalene	48.6	5.0	"	50.0		97	60-118			
4-Chloro-3-methylphenol	48.4	5.0	"	50.0		97	66-112			
2-Chlorophenol	43.0	5.0	"	50.0		86	59-99			
4-Chlorophenyl phenyl ether	50.0	10	"	50.0		100	22-147			
Chrysene	52.7	5.0	"	50.0		105	17-168			
Dibenz (a,h) anthracene	47.4	5.0	"	50.0		95	10-227			
Dibenzofuran	48.9	5.0	"	50.0		98	50-150			
Di-n-butyl phthalate	50.5	5.0	"	50.0		101	1-118			
1,2-Dichlorobenzene	40.4	10	"	50.0		81	32-129			
1,3-Dichlorobenzene	41.7	10	"	50.0		83	10-172			
1,4-Dichlorobenzene	42.8	10	"	50.0		86	52-93			
2,4-Dichlorophenol	50.1	5.0	"	50.0		100	50-150			
Diethyl phthalate	47.0	5.0	"	50.0		94	10-114			
2,4-Dimethylphenol	45.4	10	"	50.0		91	32-119			
Dimethyl phthalate	48.6	5.0	"	50.0		97	10-112			
4,6-Dinitro-2-methylphenol	40.6	5.0	"	50.0		81	10-181			
2,4-Dinitrophenol	30.6	10	"	50.0		61	10-191			
2,4-Dinitrotoluene	48.8	5.0	"	50.0		98	63-116			
2,6-Dinitrotoluene	49.9	5.0	"	50.0		100	50-150			
Di-n-octyl phthalate	48.1	10	"	50.0		96	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: INTRIM-50677
Project Manager: Scott Robinson

MNK0225
Reported:
11/19/04 19:11

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 4K08034 - EPA 3510C SepFunnel / EPA 8270C

Laboratory Control Sample (4K08034-BS1)

Prepared: 11/08/04 Analyzed: 11/09/04

Fluoranthene	51.0	5.0	ug/l	50.0		102	26-137			
Fluorene	48.8	5.0	"	50.0		98	59-121			
Hexachlorobenzene	50.8	5.0	"	50.0		102	10-152			
Hexachlorobutadiene	48.7	10	"	50.0		97	24-116			
Hexachlorocyclopentadiene	48.2	10	"	50.0		96	50-150			
Hexachloroethane	40.7	10	"	50.0		81	40-113			
Indeno (1,2,3-cd) pyrene	46.0	10	"	50.0		92	10-171			
Isophorone	46.2	5.0	"	50.0		92	21-196			
2-Methylnaphthalene	47.6	5.0	"	50.0		95	50-150			
2-Methylphenol	40.1	5.0	"	50.0		80	50-150			
4-Methylphenol	34.4	5.0	"	25.0		138	50-150			
Naphthalene	46.7	5.0	"	50.0		93	21-133			
2-Nitroaniline	50.6	10	"	50.0		101	50-150			
3-Nitroaniline	32.6	100	"	50.0		65	50-150			
4-Nitroaniline	44.3	50	"	50.0		89	50-150			
Nitrobenzene	51.2	5.0	"	50.0		102	35-180			
2-Nitrophenol	48.3	5.0	"	50.0		97	29-182			
4-Nitrophenol	15.2	10	"	50.0		30	14-100			
N-Nitrosodi-n-propylamine	52.2	5.0	"	50.0		104	61-109			
N-Nitrosodiphenylamine	60.3	10	"	50.0		121	50-150			
Pentachlorophenol	34.3	10	"	50.0		69	46-117			
Phenanthrene	49.9	5.0	"	50.0		100	50-150			
Phenol	21.6	5.0	"	50.0		43	18-100			
Pyrene	53.5	5.0	"	50.0		107	62-123			
1,2,4-Trichlorobenzene	48.5	10	"	50.0		97	56-100			
2,4,5-Trichlorophenol	51.0	5.0	"	50.0		102	50-150			
2,4,6-Trichlorophenol	50.1	5.0	"	50.0		100	37-144			
Surrogate: 2-Fluorophenol	29.6		"	50.0		59	31-117			
Surrogate: Phenol-d6	21.1		"	50.0		42	24-105			
Surrogate: Nitrobenzene-d5	55.0		"	50.0		110	66-107			LH
Surrogate: 2-Fluorobiphenyl	50.1		"	50.0		100	61-110			
Surrogate: 2,4,6-Tribromophenol	40.2		"	50.0		80	46-110			
Surrogate: p-Terphenyl-d14	54.4		"	50.0		109	63-136			

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: INTRIM-50677
Project Manager: Scott Robinson

MNK0225
Reported:
11/19/04 19:11

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 4K08034 - EPA 3510C SepFunnel / EPA 8270C

Laboratory Control Sample Dup (4K08034-BSD1)

Prepared: 11/08/04 Analyzed: 11/09/04

Acenaphthene	52.2	5.0	ug/l	50.0		104	64-110	6	20	
Acenaphthylene	51.3	5.0	"	50.0		103	33-145	5	20	
Anthracene	54.9	5.0	"	50.0		110	27-133	6	20	
Benzo (a) anthracene	53.6	5.0	"	50.0		107	33-143	3	20	
Benzo (a) pyrene	52.9	5.0	"	50.0		106	17-163	5	20	
Benzo (b) fluoranthene	49.4	5.0	"	50.0		99	24-159	7	20	
Benzo (g,h,i) perylene	43.3	10	"	50.0		87	10-219	0.2	20	
Benzo (k) fluoranthene	52.2	5.0	"	50.0		104	11-162	5	20	
Benzyl alcohol	45.8	10	"	50.0		92	50-150	4	20	
Bis(2-chloroethoxy)methane	54.4	5.0	"	50.0		109	33-184	4	20	
Bis(2-chloroethyl)ether	48.3	10	"	50.0		97	12-158	5	20	
Bis(2-chloroisopropyl)ether	51.5	5.0	"	50.0		103	36-166	4	20	
Bis(2-ethylhexyl)phthalate	53.1	10	"	50.0		106	8-158	4	20	
4-Bromophenyl phenyl ether	52.8	5.0	"	50.0		106	53-127	0.4	20	
Butyl benzyl phthalate	53.1	5.0	"	50.0		106	50-150	3	20	
4-Chloroaniline	44.7	50	"	50.0		89	50-150	6	20	
2-Chloronaphthalene	49.9	5.0	"	50.0		100	60-118	3	20	
4-Chloro-3-methylphenol	52.3	5.0	"	50.0		105	66-112	8	20	
2-Chlorophenol	44.0	5.0	"	50.0		88	59-99	2	20	
4-Chlorophenyl phenyl ether	52.6	10	"	50.0		105	22-147	5	20	
Chrysene	55.5	5.0	"	50.0		111	17-168	5	20	
Dibenz (a,h) anthracene	47.0	5.0	"	50.0		94	10-227	0.8	20	
Dibenzofuran	51.1	5.0	"	50.0		102	50-150	4	20	
Di-n-butyl phthalate	55.5	5.0	"	50.0		111	1-118	9	20	
1,2-Dichlorobenzene	42.4	10	"	50.0		85	32-129	5	20	
1,3-Dichlorobenzene	41.5	10	"	50.0		83	10-172	0.5	20	
1,4-Dichlorobenzene	44.3	10	"	50.0		89	52-93	3	20	
2,4-Dichlorophenol	53.6	5.0	"	50.0		107	50-150	7	20	
Diethyl phthalate	50.2	5.0	"	50.0		100	10-114	7	20	
2,4-Dimethylphenol	48.4	10	"	50.0		97	32-119	6	20	
Dimethyl phthalate	50.9	5.0	"	50.0		102	10-112	5	20	
4,6-Dinitro-2-methylphenol	44.1	5.0	"	50.0		88	10-181	8	20	
2,4-Dinitrophenol	33.9	10	"	50.0		68	10-191	10	20	
2,4-Dinitrotoluene	53.3	5.0	"	50.0		107	63-116	9	20	
2,6-Dinitrotoluene	52.5	5.0	"	50.0		105	50-150	5	20	
Di-n-octyl phthalate	50.3	10	"	50.0		101	4-146	4	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: INTRIM-50677
Project Manager: Scott Robinson

MNK0225
Reported:
11/19/04 19:11

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 4K08034 - EPA 3510C SepFunnel / EPA 8270C

Laboratory Control Sample Dup (4K08034-BSD1)

Prepared: 11/08/04 Analyzed: 11/09/04

Fluoranthene	57.4	5.0	ug/l	50.0		115	26-137	12	20	
Fluorene	51.6	5.0	"	50.0		103	59-121	6	20	
Hexachlorobenzene	52.0	5.0	"	50.0		104	10-152	2	20	
Hexachlorobutadiene	50.2	10	"	50.0		100	24-116	3	20	
Hexachlorocyclopentadiene	50.6	10	"	50.0		101	50-150	5	20	
Hexachloroethane	40.8	10	"	50.0		82	40-113	0.2	20	
Indeno (1,2,3-cd) pyrene	46.1	10	"	50.0		92	10-171	0.2	20	
Isophorone	49.6	5.0	"	50.0		99	21-196	7	20	
2-Methylnaphthalene	50.3	5.0	"	50.0		101	50-150	6	20	
2-Methylphenol	43.4	5.0	"	50.0		87	50-150	8	20	
4-Methylphenol	36.0	5.0	"	25.0		144	50-150	5	20	
Naphthalene	48.4	5.0	"	50.0		97	21-133	4	20	
2-Nitroaniline	54.7	10	"	50.0		109	50-150	8	20	
3-Nitroaniline	36.9	100	"	50.0		74	50-150	12	20	
4-Nitroaniline	51.2	50	"	50.0		102	50-150	14	20	
Nitrobenzene	54.5	5.0	"	50.0		109	35-180	6	20	
2-Nitrophenol	50.2	5.0	"	50.0		100	29-182	4	20	
4-Nitrophenol	17.5	10	"	50.0		35	14-100	14	20	
N-Nitrosodi-n-propylamine	55.2	5.0	"	50.0		110	61-109	6	20	LQ
N-Nitrosodiphenylamine	61.3	10	"	50.0		123	50-150	2	20	
Pentachlorophenol	35.6	10	"	50.0		71	46-117	4	20	
Phenanthrene	52.6	5.0	"	50.0		105	50-150	5	20	
Phenol	22.3	5.0	"	50.0		45	18-100	3	20	
Pyrene	54.2	5.0	"	50.0		108	62-123	1	20	
1,2,4-Trichlorobenzene	50.2	10	"	50.0		100	56-100	3	20	
2,4,5-Trichlorophenol	52.4	5.0	"	50.0		105	50-150	3	20	
2,4,6-Trichlorophenol	51.3	5.0	"	50.0		103	37-144	2	20	
Surrogate: 2-Fluorophenol	30.4		"	50.0		61	31-117			
Surrogate: Phenol-d6	21.0		"	50.0		42	24-105			
Surrogate: Nitrobenzene-d5	55.4		"	50.0		111	66-107			LH
Surrogate: 2-Fluorobiphenyl	50.1		"	50.0		100	61-110			
Surrogate: 2,4,6-Tribromophenol	40.7		"	50.0		81	46-110			
Surrogate: p-Terphenyl-d14	54.5		"	50.0		109	63-136			

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: INTRIM-50677
Project Manager: Scott Robinson

MNK0225
Reported:
11/19/04 19:11

Notes and Definitions

RB RPD exceeded method control limit; % recoveries within limits.

LQ LCS recovery above method control limits.

LH Surrogate recovery above the acceptance limits.

BB,LM Sample > 4x spike concentration. MS and/or MSD above acceptance limits. See Blank Spike(LCS).

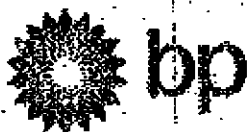
DET Analyte DETECTED

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

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



Chain of Custody Record

Project Name 608 GWM

BP BU/GEM CO Portfolio Retail

BP Laboratory Contract Number: Atlantic Richfield CompanyRequested Due Date (mm/dd/yyyy) 14 day TATDate: 11/1/04

On-site Time: <u>8:00</u>	Temp: <u>65°F</u>
Off-site Time: <u>8:00</u>	Temp: <u>65°F</u>
Sky Conditions: <u>Cloudy</u>	
Meteorological Events: <u>None</u>	
Wind Speed:	Direction:

Send To:	BP/GEM Facility No.: <u>ARCO 601</u>	Consultant/Contractor: <u>URS</u>
Lab Name: <u>SEQ/DIA</u>	BP/GEM Facility Address: <u>712 Levee Blvd, San Leandro, CA</u>	Address: <u>1333 Broadway, Suite 800</u>
Lab Address: <u>985 Jarvis Dr.</u>	Site ID No.: <u>ARCO 601</u>	<u>Oakland, CA 94612</u>
<u>Morgan Hill, CA 95037</u>	Site Lat/Long:	e-mail EDD: <u>donna.casper@URSCorp.com</u>
	California Global ID #: <u>T0600100108</u>	Consultant/Contractor Project No.: <u>15-00000601.01.00427</u>
Lab PM List Race:	BP/GEM PM Contact: <u>PAUL SUPPLE</u>	Consultant Tele/Fax: <u>510-893-3000/510-874-3268</u>
Tele/Fax: <u>408-776-9600 / 408-782-8303</u>	Address: <u>P.O. Box 6549</u>	Consultant/Contractor PM: <u>Scott Robinson</u>
Report Type & QC Level: <u>1 Send RDP Reports</u>	<u>Moraga, CA 94570</u>	Invoice to: <u>Consultant/Contractor or BP/GEM (circle one)</u>
BP/GEM Account No.:	Tele/Fax: <u>925-299-8891/925-299-8872</u>	BP/GEM Work Release No: <u>INTRIM-20677</u>

Lab Bottle Order No.			Matrix				Laboratory No.	No. of containers	Preservatives				Requested Analysis								Sample Point Lat/Long and Comments
Item No.	Sample Description	Time	Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl		GRO/BTEX (2015/8021/8260)	MTBE (8021)	MTBE (8260)	MTBE, TAME, STBE, DPE, TBA (8260)	1,2-DCA & EDB (8260)	Exhalant (8260)	SVOC's (8270)	
1	MW-1	902		X			9	3		X		X	X		X	X	X	X	X		
2	MW-4	1000					12	3		X		X			X	X	X	X			
3	MW-5	948					03	3		X		X			X	X	X	X			
4	MW-6	924					04	3		X		X			X	X	X	X			
5	MW-7	844					05	3		X		X			X	X	X	X			
6	MW-8	830		TP			64	3		X		X			X	X	X	X			
7																					
8																					
9																					
10																					

Sampler's Name: <u>P. Cornaby</u>	Relinquished By / Affiliation: <u>PAHWA</u>	Date: <u>11/1/04</u>	Time: <u>11:57</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>11/1/04</u>	Time:
Sampler's Company: <u>Blaine Tech</u>						
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

Special Instructions: Address Invoice to BP/GEM but send to URS for approval

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

Distribution: White Copy - Laboratory / Yellow Copy - BP/GEM / Pink Copy - Consultant/Contractor

BP COC Rev. 1 12/01

P.02

9:25

Nov 5 2004

BLAINE TECH SERVICES Fax: 1-408-573-7771

**Fax Transmittal**TO Lisa RaceDATE 11/5/2004Total pages:
including
cover sheet2OF Sequoia Lab - Morgan Hill

FROM

Michael Ninokata(408) 573-0555 ext. 202REMARKS: Sending correction to COCSite: ARCO 601 - San LeandroEvent Date: 11/4/04Correction: Please note the removal of DRO analysis from all
wells on COC (MW-1, 4, 5, 6, 7, 8). DRO analysis not required.Thank You



Chain of Custody Record

Project Name 601 GWM

BP BP/GEM CO Portfolio Retail

BP Laboratory Contract Number: Atlantic Richfield Company

MPK 0225

Date: 11/4/09

Requested Due Date (mm/dd/yy) 14 day TAT

Page 1 of 1

On-site Time: 8:00 Temp: 65°F

Off-site Time: 8:00 Temp: 65°F

Sky Conditions: Cloudy

Meteorological Events: None

Wind Speed:

Direction:

Send To:	BP/GEM Facility No.: <u>ARCO 601</u>	Consultant/Contractor: <u>URS</u>
Lab Name: <u>SEQUOIA</u>	BP/GEM Facility Address: <u>712 Lowell Blvd, San Leandro, CA</u>	Address: <u>1333 Broadway, Suite 800</u>
Lab Address: <u>885 Jarvis Dr,</u>	Site ID No. <u>ARCO 601</u>	<u>Oakland, CA 94612</u>
<u>Morgan Hill, CA 95037</u>	Site Lat/Long:	e-mail EDD: <u>donna.casper@URSCorp.com</u>
	California Global ID #: <u>T0600100108</u>	Consultant/Contractor Project No.: <u>15-00000601.01 00427</u>
Lab PM <u>Lisa Racc</u>	BP/GEM PM Contact: <u>PAUL SUPPLE</u>	Consultant Tele/Fax: <u>510-893-3600/510-874-3268</u>
Tele/Fax: <u>408-776-9600 / 408-782-6308</u>	Address: <u>P.O. Box 6549</u>	Consultant/Contractor PM: <u>Scott Robinson</u>
Report Type & QC Level: <u>1 Send EDP Reports</u>	<u>Moraga, CA 94570</u>	Invoice to: Consultant/Contractor of <u>BP/GEM</u> (Circle one)
BP/GEM Account No.:	Tele/Fax: <u>925-299-8891/925-299-8872</u>	BP/GEM Work Release No: <u>INTRIM -50677</u>

Lab Bottle Order No:			Matrix				Laboratory No.	No. of containers	Preservatives					Requested Analysis										Sample Point Lat/Long and Comments
Item No.	Sample Description	Time	Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl		GRO / ETEX (8015/8021) (8260)	DROW/SGC (8015)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE (8260)	DIPE, TBA (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)	SVOC's (8270)		
1	MW-1	902					61	5	X				X	X			X	X	X	X	X			
2	MW-4	1000					62	3		X			X	X			X	X	X	X	X			
3	MW-5	948					63	2		X			X	X			X	X	X	X	X			
4	MW-6	924					64	2		X			X	X			X	X	X	X	X			
5	MW-7	844					65	2		X			X	X			X	X	X	X	X			
6	MW-8	830					64	3		X			X	X			X	X	X	X	X			
7																								
8																								
9																								
10																								

Sampler's Name: <u>P. Corbett</u>	Relinquished By / Affiliation: <u>[Signature]</u>	Date: <u>11/4/09</u>	Time: <u>1757</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>11/4/09</u>	Time: <u>1715</u>
Sampler's Company: <u>Blaine Tech</u>						
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

Special Instructions: Address Invoice to BP/GEM but send to URS for approval

Custody Seals In Place Yes X No _____ Temperature Blank Yes X No _____ Cooler Temperature on Receipt U/C Trip Blank Yes _____ No X

PROBLEM CHAIN-OF-CUSTODY

DATE/TIME 11-5-04
CLIENT URS
CLIENT SERVICES REP LR

DATE RECEIVED 11-4-04
TURN AROUND TIME std
ANALYST EGS

PROBLEM

no TB + no problems to new direct for HW-4, 5, 6, 7, 8

MRK 0225

RESOLUTION

Client Instruction* See attached revised COC

Telephone Number of Client: 408-573-0555 x202

Client Contact for Instruction: Mike Nino budy

Date and Time of Instruction: 11/5/04 @ 9:50

Date & Time Form Given to Sample Control: 11/5/04 @ 10:00

CLIENT SERVICES REP. SIGNATURE: [Signature]

DATE/TIME: 11/5/04 @ 10:00

*If client does not return call within 24 hours, please route this form to the Laboratory Director.

White Copy - Client Services

Pink Copy - Sample Control

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ARC0 GPI
 REC. BY (PRINT): JD
 WORKORDER: HWK6225

DATE REC'D AT LAB: 11/4/04
 TIME REC'D AT LAB: 1715
 DATE LOGGED IN: 11-5-04

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

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <u>Present / Absent</u> <u>Intact / Broken*</u>	21	1.0	MW-1	1L Amber (2)	-	-	W	11/4/04	
2. Chain-of-Custody <u>Present / Absent*</u>	22	1.0	MW-4	VDA (3)	HCl	↓	↓	↓	
3. Traffic Reports or Packing List: <u>Present / Absent</u>	23	↓	MW-5	VDA (3)	HCl	↓	↓	↓	
4. Airbill: <u>Airbill / Sticker</u> <u>Present / Absent</u>	24	↓	-6	↓	↓	↓	↓	↓	
5. Airbill #: <u>Present / Absent</u>	25	↓	-7	↓	↓	↓	↓	↓	
6. Sample Labels: <u>Present / Absent</u>	26	↓	-8	↓	↓	↓	↓	↓	
7. Sample IDs: <u>Listed / Not Listed</u> <u>on Chain-of-Custody</u>									
8. Sample Condition: <u>Intact / Broken* /</u> <u>Leaking*</u>									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <u>Yes / No*</u>									
10. Sample received within hold time? <u>Yes / No*</u>									
11. Adequate sample volume received? <u>Yes / No*</u>									
12. Proper Preservatives used? <u>Yes / No*</u>									
13. Trip Blank / Temp Blank Received? (circle which, if yes) <u>Yes / No*</u>									
14. Temp Rec. at Lab: <u>4.4</u> Is temp 4 ± 2°C? <u>Yes / No**</u> (Acceptance range for samples requiring thermal pres.) **Exception (if any): METALS / OFF ON ICE or Problem COC									

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



10 December, 2004

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

RE: ARCO #0601, San Leandro, CA
Work Order: MNK0771

Enclosed are the results of analyses for samples received by the laboratory on 11/24/04 12:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210



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

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MNK0771
Reported:
12/10/04 14:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-3	MNK0771-01	Water	11/23/04 14:30	11/24/04 12:55
TB-60111232004	MNK0771-02	Water	11/23/04 00:00	11/24/04 12:55

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

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

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MNK0771
Reported:
12/10/04 14:14

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (MNK0771-01) Water Sampled: 11/23/04 14:30 Received: 11/24/04 12:55									
tert-Amyl methyl ether	ND	50	ug/l	100	4L01009	12/01/04	12/01/04	EPA 8260B	
Benzene	150	50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	2000	"	"	"	"	"	"	
Di-isopropyl ether	ND	50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50	"	"	"	"	"	"	
Ethanol	ND	10000	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Ethylbenzene	1400	50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
Toluene	160	50	"	"	"	"	"	"	
Xylenes (total)	7100	50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	32000	5000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		87 %	78-129		"	"	"	"	

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

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MNK0771
Reported:
12/10/04 14:14

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
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Batch 4L01009 - EPA 5030B P/T / EPA 8260B

Blank (4L01009-BLK1)

Prepared & Analyzed: 12/01/04

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	4.08		"	5.00		82	78-129		

Laboratory Control Sample (4L01009-BS1)

Prepared & Analyzed: 12/01/04

tert-Amyl methyl ether	9.23	0.50	ug/l	10.0		92	82-140		
Benzene	9.65	0.50	"	10.0		96	69-124		
tert-Butyl alcohol	56.0	20	"	50.0		112	56-131		
Di-isopropyl ether	9.28	0.50	"	10.0		93	76-130		
1,2-Dibromoethane (EDB)	9.05	0.50	"	10.0		90	77-132		
1,2-Dichloroethane	9.25	0.50	"	10.0		92	77-136		
Ethanol	174	100	"	200		87	31-143		IC
Ethyl tert-butyl ether	9.29	0.50	"	10.0		93	81-121		
Ethylbenzene	9.74	0.50	"	10.0		97	84-132		
Methyl tert-butyl ether	9.17	0.50	"	10.0		92	63-137		
Toluene	9.72	0.50	"	10.0		97	78-129		
Xylenes (total)	30.2	0.50	"	30.0		101	83-137		
Surrogate: 1,2-Dichloroethane-d4	4.20		"	5.00		84	78-129		

Sequoia Analytical - Morgan Hill

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

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

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MNK0771
Reported:
12/10/04 14:14

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 4L01009 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (4L01009-BS2)				Prepared & Analyzed: 12/01/04						
Benzene	5.31	0.50	ug/l	6.40		83	69-124			
Ethylbenzene	8.17	0.50	"	7.52		109	84-132			
Methyl tert-butyl ether	7.26	0.50	"	9.92		73	63-137			
Toluene	32.9	0.50	"	31.9		103	78-129			
Xylenes (total)	42.3	0.50	"	36.6		116	83-137			
Gasoline Range Organics (C4-C12)	394	50	"	440		90	70-124			
Surrogate: 1,2-Dichloroethane-d4	3.88		"	5.00		78	78-129			
Laboratory Control Sample Dup (4L01009-BSD1)				Prepared & Analyzed: 12/01/04						
tert-Amyl methyl ether	9.48	0.50	ug/l	10.0		95	82-140	3	20	
Benzene	9.96	0.50	"	10.0		100	69-124	3	20	
tert-Butyl alcohol	54.7	20	"	50.0		109	56-131	2	20	
Di-isopropyl ether	9.61	0.50	"	10.0		96	76-130	3	20	
1,2-Dibromoethane (EDB)	9.23	0.50	"	10.0		92	77-132	2	20	
1,2-Dichloroethane	9.54	0.50	"	10.0		95	77-136	3	20	
Ethanol	202	100	"	200		101	31-143	15	20	
Ethyl tert-butyl ether	9.63	0.50	"	10.0		96	81-121	4	20	
Ethylbenzene	10.1	0.50	"	10.0		101	84-132	4	20	
Methyl tert-butyl ether	9.35	0.50	"	10.0		94	63-137	2	20	
Toluene	9.84	0.50	"	10.0		98	78-129	1	20	
Xylenes (total)	31.3	0.50	"	30.0		104	83-137	4	20	
Surrogate: 1,2-Dichloroethane-d4	4.17		"	5.00		83	78-129			
Matrix Spike (4L01009-MS1)		Source: MNK0772-06		Prepared: 12/01/04 Analyzed: 12/02/04						
Benzene	242	25	ug/l	320	ND	76	69-124			
Ethylbenzene	352	25	"	376	ND	94	84-132			
Methyl tert-butyl ether	2490	25	"	496	2400	18	63-137			BB, LN
Toluene	1440	25	"	1600	ND	90	78-129			
Xylenes (total)	1790	25	"	1830	ND	98	83-137			
Gasoline Range Organics (C4-C12)	19700	2500	"	22000	5300	65	70-124			LN
Surrogate: 1,2-Dichloroethane-d4	4.17		"	5.00		83	78-129			

Sequoia Analytical - Morgan Hill

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

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

Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott Robinson

MNK0771
Reported:
12/10/04 14:14

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 4L01009 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (4L01009-MSD1)	Source: MNK0772-06			Prepared & Analyzed: 12/01/04						
Benzene	252	25	ug/l	320	ND	79	69-124	4	20	
Ethylbenzene	388	25	"	376	ND	103	84-132	10	20	
Methyl tert-butyl ether	2480	25	"	496	2400	16	63-137	0.4	20	BB, LN
Toluene	1550	25	"	1600	ND	97	78-129	7	20	
Xylenes (total)	1960	25	"	1830	ND	107	83-137	9	20	
Gasoline Range Organics (C4-C12)	21800	2500	"	22000	5300	75	70-124	10	20	
Surrogate: 1,2-Dichloroethane-d4	4.12		"	5.00		82	78-129			

URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612Project: ARCO #0601, San Leandro, CA
Project Number: INTRIM-50677
Project Manager: Scott RobinsonMNK0771
Reported:
12/10/04 14:14**Notes and Definitions**

LN MS and/or MSD below acceptance limits. See Blank Spike(LCS).

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

BB, LN Sample > 4x spike concentration.

DET Analyte DETECTED

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

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



Chain of Custody Record

Project Name 601 GWM

BP BU/GEM CO Portfolio Retail

BP Laboratory Contract Number: Atlantic Richfield Company

Requested Due Date (mm/dd/yy) 14 day TAT

Date: 11/23/09

Page 1 of 1

On-site Time: 1410 Temp: 70°F

Off-site Time: 1445 Temp: 70°F

Sky Conditions: clear

Meteorological Events: none

Wind Speed: _____ Direction: _____

Send To:	BP/GEM Facility No.: <u>ARCO 601</u>	Consultant/Contractor: <u>URS</u>
Lab Name: <u>SEQUOIA</u>	BP/GEM Facility Address: <u>712 Lewelling Blvd, San Leandro, CA</u>	Address: <u>1333 Broadway, Suite 800</u>
Lab Address: <u>885 Jarvis Dr.</u>	Site ID No. <u>ARCO 601</u>	<u>Oakland, CA 94612</u>
<u>Morgan Hill, CA 95037</u>	Site Lat/Long:	e-mail EDD: <u>donna.casper@URSCorp.com</u>
	California Global ID #: <u>T0600100108</u>	Consultant/Contractor Project No.: <u>15-00000601.01 00127</u>
Lab PM <u>Lisa Rice</u>	BP/GEM PM Contact: <u>PAUL SUPPLE</u>	Consultant Tele/Fax: <u>510-893-3600/510-874-3268</u>
Tele/Fax: <u>408-776-9600 / 408-782-6308</u>	Address: <u>P.O. Box 6540</u>	Consultant/Contractor PM: <u>Scott Roblason</u>
Report Type & QC Level: <u>1 Send EDF Reports</u>	<u>Moraga, CA 94570</u>	Invoice to: Consultant/Contractor or <u>BP/GEM</u> (circle one)
BP/GEM Account No.:	Tele/Fax: <u>925-299-8891/925-299-8872</u>	BP/GEM Work Release No: <u>INTRIM -50677</u>

Lab Bottle Order No:			Matrix				Laboratory No.	No. of containers	Preservatives			Requested Analysis										Sample Point Lat/Long and Comments
Item No.	Sample Description	Time	Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	GRO / BTEX e8015/8021/8260	DROw/SGC (8015)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE, DIPE, T3A (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)	SVOC's (8270)		
1	MID-3	1450		X			W			X	X				X	X	X					
2	TR-60111232004						Z														on hold	
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

Sampler's Name: <u>P. Coruby</u>	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: <u>Blaine Tech</u>	<u>W. H. H. H.</u>	<u>11/24/09</u>	<u>8:57</u>	<u>[Signature]</u>	<u>11/24/09</u>	<u>8:54</u>
Shipment Date:	<u>[Signature]</u>	<u>11/24/09</u>	<u>12:55</u>	<u>[Signature]</u>	<u>11/24/09</u>	<u>12:55</u>
Shipment Method:						
Shipment Tracking No:						

Special Instructions: Address Invoice to BP/GEM but send to URS for approval

Custody Seals In Place Yes ☒ No _____ Temperature Blank Yes ☒ No _____ Cooler Temperature on Receipt 0°F/C Trip Blank Yes ☒ No _____

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ARCAD 601
 REC. BY (PRINT): TD
 WORKORDER: MDK 6771

DATE REC'D AT LAB: 11/24/04
 TIME REC'D AT LAB: 12:25
 DATE LOGGED IN: 11-24-09

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

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

CIRCLE THE APPROPRIATE RESPONSE	LAP SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <u>Present / Absent</u> <u>Intact / Broken*</u>	4	1	MDW-3	VOA (3)	Hcl	-	W	11/24/04	
2. Chain-of-Custody <u>Present / Absent*</u>	01	1	TA 601 1123004	1 (2)	+	+	+	+	
3. Traffic Reports or Packing List: <u>Present / Absent</u>									
4. Airbill: <u>Airbill / Sticker</u> <u>Present / Absent</u>									
5. Airbill #:									
6. Sample Labels: <u>Present / Absent</u>									
7. Sample IDs: <u>Listed / Not Listed</u> <u>on Chain-of-Custody</u>									
8. Sample Condition: <u>Intact / Broken*</u> <u>Leaking*</u>									
9. Does information on chain-of-custody, traffic reports and sample labels agree? <u>Yes / No*</u>									
10. Sample received within hold time? <u>Yes / No*</u>									
11. Adequate sample volume received? <u>Yes / No*</u>									
12. Proper Preservatives used? <u>Yes / No*</u>									
13. Trip Blank / Temp Blank Received? (circle which, if yes) <u>Yes / No*</u>									
14. Temp Rec. at Lab: <u>2.2</u> Is temp 4 ±2°C? <u>Yes / No*</u>									

(Acceptance range for samples requiring thermal pres.)

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

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

ATTACHMENT C

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

Electronic Submittal Information

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SUCCESSFUL EDF CHECK - NO ERRORS

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<u>FILE UPLOADED:</u>	ARCO#0601-EDF- MNK0225.zip

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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)

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	6
# FIELD POINTS WITH DETECTIONS	5
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	3
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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Confirmation Number: 5120456159
Date/Time of Submittal: 12/13/2004 5:32:15 PM
Facility Global ID: T0600100108
Facility Name: ARCO # 00601
Submittal Title: 4Q04 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 #	TITLE	QUARTER
5120456159	4Q04 GW Monitoring Report	Q4 2004
SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	12/13/2004	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	6
# FIELD POINTS WITH DETECTIONS	5
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	3
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
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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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<u>GLOBAL ID:</u>	T0600100108
<u>FILE UPLOADED:</u>	ARCO#0601-EDF-MNK0771.zip

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

METHOD QA/QC REPORT

METHODS USED	8260FA
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%	n/a
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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Confirmation Number: 4519610762
Date/Time of Submittal: 12/13/2004 5:36:03 PM
Facility Global ID: T0600100108
Facility Name: ARCO # 00601
Submittal Title: 4Q04 GW Monitoring Report, part2
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)
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CONF # 4519610762	TITLE 4Q04 GW Monitoring Report, part2	QUARTER Q4 2004
SUBMITTED BY Srijesh Thapa	SUBMIT DATE 12/13/2004	STATUS PENDING REVIEW

SAMPLE DETECTIONS REPORT

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

METHOD QA/QC REPORT

METHODS USED	8260FA
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
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MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
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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601

Submittal Date/Time: 12/13/2004 5:38:56 PM

Confirmation 7453983902
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