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URS

April 14, 2006

Mr. Don Hwang
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway
Alameda, California 94502

Re: First Quarter 2006 Groundwater Monitoring and Remediation System Performance Report
ARCO Service Station #0608
17601 Hesperian Boulevard
San Lorenzo, California
ACEH ID #779

Dear Mr. Hwang:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *First Quarter 2006 Groundwater Monitoring and Remediation System Performance Report* for ARCO Service Station #0608, located at 17601 Hesperian Boulevard, San Lorenzo, California.

If you have any questions regarding this submission, please call Donna Cosper at (510) 874-3019.

Sincerely,

URS CORPORATION

Donna Cosper, E.I.T.
Project Manager

John H. Madigan, P.E.
Senior Engineer

REGISTERED PROFESSIONAL ENGINEER
JOHN H. MADIGAN
No. 65568
Exp. 3/30/07
CIVIL
STATE OF CALIFORNIA

Amber Budd, E.I.T.
Staff Engineer

Enclosure: First Quarter 2006 Groundwater Monitoring and Remediation System Performance Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Mr. Rob Miller, Broadbent & Associates, Inc., electronic copy uploaded to ENFOS

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

Atlantic Richfield Company
(a BP affiliated company)

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

April 14, 2006

Re: First Quarter 2006 Groundwater Monitoring and Remediation System Performance Report
ARCO Service Station #0608
17601 Hesperian Boulevard
San Lorenzo, California
ACEH ID #779

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

Submitted by:

Paul Supple
Environmental Business Manager

REPORT

FIRST QUARTER 2006 GROUNDWATER MONITORING & REMEDIATION SYSTEM PERFORMANCE REPORT

ARCO SERVICE STATION #0608
17601 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA

Prepared for
RM

April 14, 2006

URS

URS Corporation
1333 Broadway, Suite 800
Oakland, California 94612

Date: April 14, 2006
Quarter: 1Q 06

FIRST QUARTER 2006 GROUNDWATER MONITORING AND REMEDIATION SYSTEM PERFORMANCE REPORT

Facility No.:	0608	Address:	17601 Hesperian Boulevard, San Lorenzo, California
RM Environmental Business Manager:			Paul Supple
Consulting Co./Contact Person:			URS Corporation / Donna Cosper
Primary Agency:			Alameda County Environmental Health (ACEH)
ACEH Case No.:			779

WORK PERFORMED THIS QUARTER (First – 2006):

1. Prepared and submitted the Fourth Quarter 2005 Groundwater Monitoring and Remediation System Performance Report.
2. Performed the first quarter 2006 groundwater monitoring event on March 20, 2006.
3. Continued operation, maintenance and performance monitoring of the groundwater extraction and treatment (GWET) system.
4. Submitted Monthly Discharge Reports for October-December 2005 and January-March 2006 to Oro Loma Sanitary District.

WORK PROPOSED FOR NEXT QUARTER (Second – 2006):

1. Prepare and submit this First Quarter 2006 Groundwater Monitoring and Remediation System Performance Report.
2. Perform the second quarter 2006 groundwater monitoring event.
3. Continue operation, maintenance and performance monitoring of GWET system.
4. Submit Monthly Discharge Reports to Oro Loma Sanitary District.

SITE SUMMARY:

Current Phase of Project:	Groundwater monitoring/sampling/remediation
Frequency of Groundwater Sampling:	See Table 4
Frequency of Groundwater Monitoring:	See Table 4
Is Free Product (FP) Present On-Site:	No
FP Recovered this Quarter	None
Current Remediation Techniques:	GWET
Approximate Depth to Groundwater:	7.51 feet (MW-14) to 13.55 feet (E-1A)
Groundwater Gradient (direction):	West-Southwest
Groundwater Gradient (magnitude):	0.003 feet per foot
Frequency of GWET System Field Monitoring:	Bi-weekly
Frequency of GWET System Lab Sampling:	Monthly
System Restart:	06/05/2000
Extraction Well:	E-1A
Permits for Discharge:	Oro Loma Sanitary District Permit No. SDP-037 Expires 08/04/2006

Gallons of Groundwater Treated and Discharged for this Quarter:	98,670		
Total Gallons of Groundwater Treated and Discharged to Date:	8,618,070		
Total Operation Hours to Date:	27,816		
Mass Removal (pounds):	Quarterly		Cumulative
Gasoline Range Organics (GRO):	0.008		7.54
Benzene:	0.000		0.31
Methyl-tert-butyl ether (MTBE):	0.012		2.96
GWET System Samples Collection Dates and Effluent Results micrograms per liter (µg/L):	1/12/06	2/8/06	3/6/06
GRO:	<50	<50	<50
Benzene:	<0.50	<0.50	<0.50
MTBE:	<0.50	<0.50	<0.50

DISCUSSION:

Gasoline range organics and tert-butyl alcohol were detected at or above their respective laboratory reporting limits in one of the five wells (MW-10) sampled this quarter at concentrations of 270 micrograms per liter (µg/L) and 72 µg/L, respectively. Methyl-tert-butyl ether was detected at or above the laboratory reporting limit in all five wells at concentrations ranging from 0.60 µg/L (MW-8) to 34 µg/L (MW-10). Tert-amyl methyl ether was detected at or above the laboratory reporting limit in two wells at concentrations of 0.85 µg/L (MW-10) and 2.4 µg/L (MW-25). No other fuel components were detected at or above their respective laboratory reporting limits in any of the five wells sampled this quarter.

Domestic irrigation wells 642H and 17372VM were not sampled this quarter due to broken pumps.

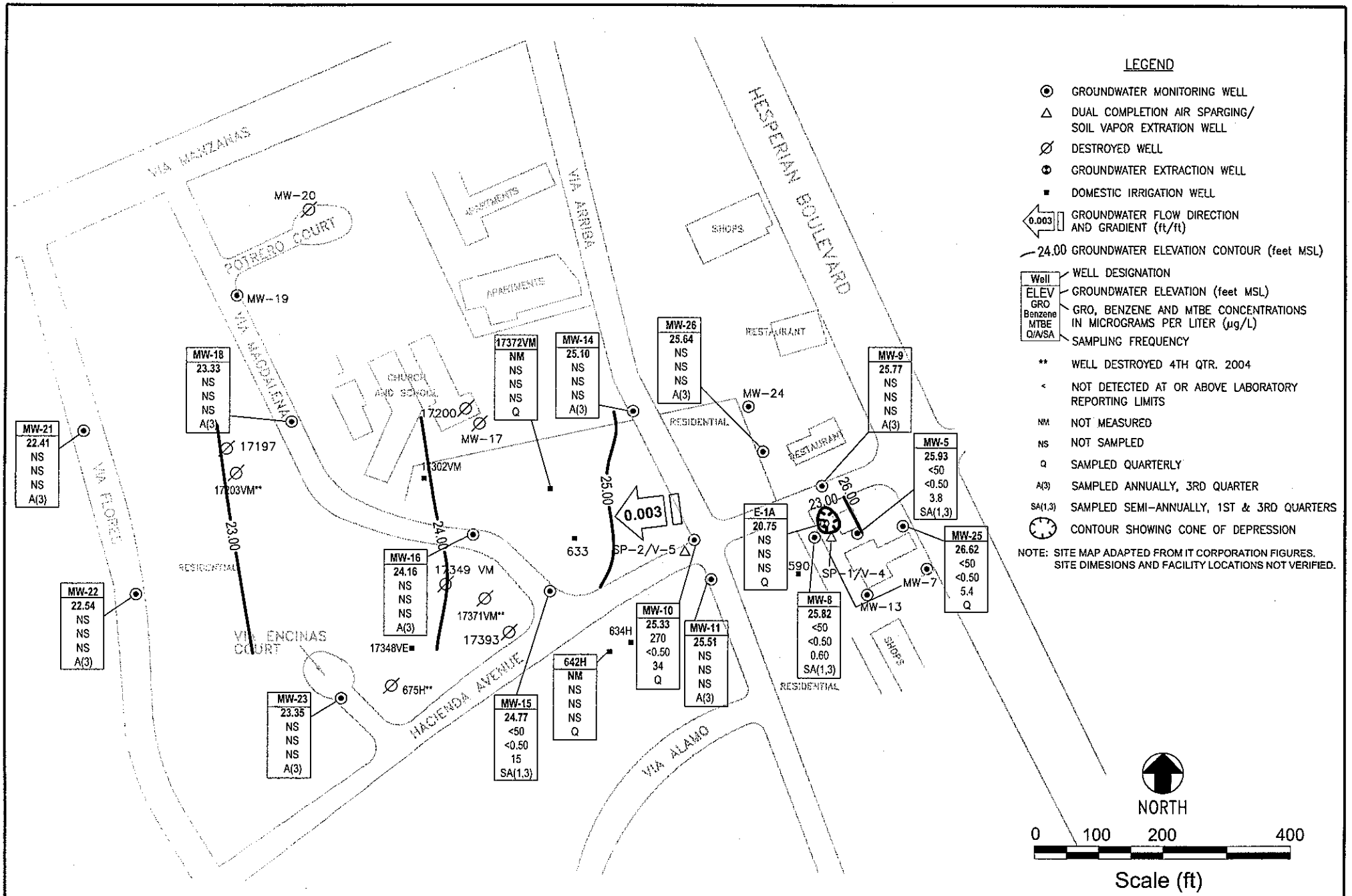
From December 13, 2005, to March 6, 2006, the GWET system operated 100 percent of the time. During this time period, a total of 98,670 gallons of groundwater was treated and discharged. Performance data and laboratory analytical data are included in Tables 5 and 6.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – March 20, 2006
- Figure 2 – Groundwater Extraction System Mass Removal Trend TPH-g/GRO and Benzene
- Figure 3 – Groundwater Extraction System Concentration Trend TPH-g/GRO and Benzene
- Figure 4 – Groundwater Extraction System Mass Removal Trend MTBE
- Figure 5 – Groundwater Extraction System Concentration Trend MTBE
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 – Groundwater Gradient Data
- Table 4 – Groundwater Sampling Schedule
- Table 5 – Groundwater Extraction System Performance Data
- Table 6 – Treatment System Analytical Data
- Attachment A – Field Procedures and Field Data Sheets

- Attachment B – Laboratory Procedures, Certified Analytical Reports, and Chain-of-Custody Records
- Attachment C – Historical Groundwater Data Tables
- Attachment D – Error Check Reports and EDF/Geowell Submittal Confirmations
- Attachment E – O&M Field Data Sheets, Certified Analytical Reports, and Chain-of-Custody Records

Apr 14, 2006 - 12:01pm
X:\e_env_waste\BP GEM\Sites\Cooper--CC County and ACWD BP Sites \0608\Monitoring \2006 Qtr. 1\Drawings\0608-1Q06-GW.dwg



LEGEND

- GROUNDWATER MONITORING WELL
- DUAL COMPLETION AIR SPARGING/ SOIL VAPOR EXTRATION WELL
- DESTROYED WELL
- GROUNDWATER EXTRACTION WELL
- DOMESTIC IRRIGATION WELL
- 0.003 GROUNDWATER FLOW DIRECTION AND GRADIENT (ft/ft)
- 24.00 GROUNDWATER ELEVATION CONTOUR (feet MSL)
- Well / ELEV / GRO / Benzene / MTBE / C/A/SA — WELL DESIGNATION; GROUNDWATER ELEVATION (feet MSL); GRO, BENZENE AND MTBE CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L); SAMPLING FREQUENCY
- ** WELL DESTROYED 4TH QTR. 2004
- < NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
- NM NOT MEASURED
- NS NOT SAMPLED
- Q SAMPLED QUARTERLY
- A(3) SAMPLED ANNUALLY, 3RD QUARTER
- SA(1,3) SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS
- CONTOUR SHOWING CONE OF DEPRESSION

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

NORTH

0 100 200 400

Scale (ft)

URS	Project No. 38486707 Arco Service Station #0608 17601 Hesperian Boulevard San Lorenzo, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP First Quarter 2006 (March 20, 2006)	FIGURE 1

Figure 2
Groundwater Extraction System Mass Removal Trend
TPH-g/GRO and Benzene

ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

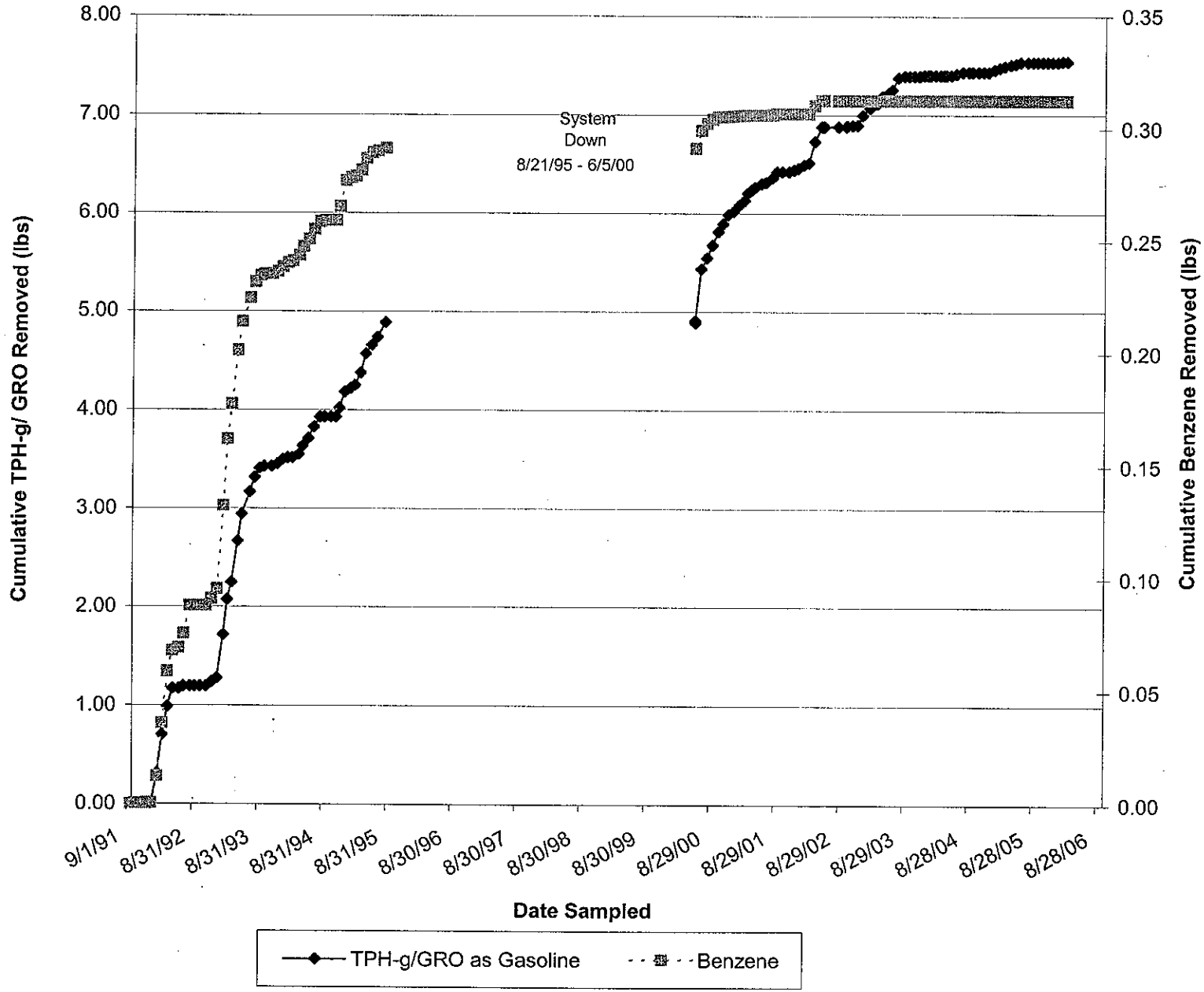


Figure 3
Groundwater Extraction System Concentration Trend
TPH-g/ GRO and Benzene

ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

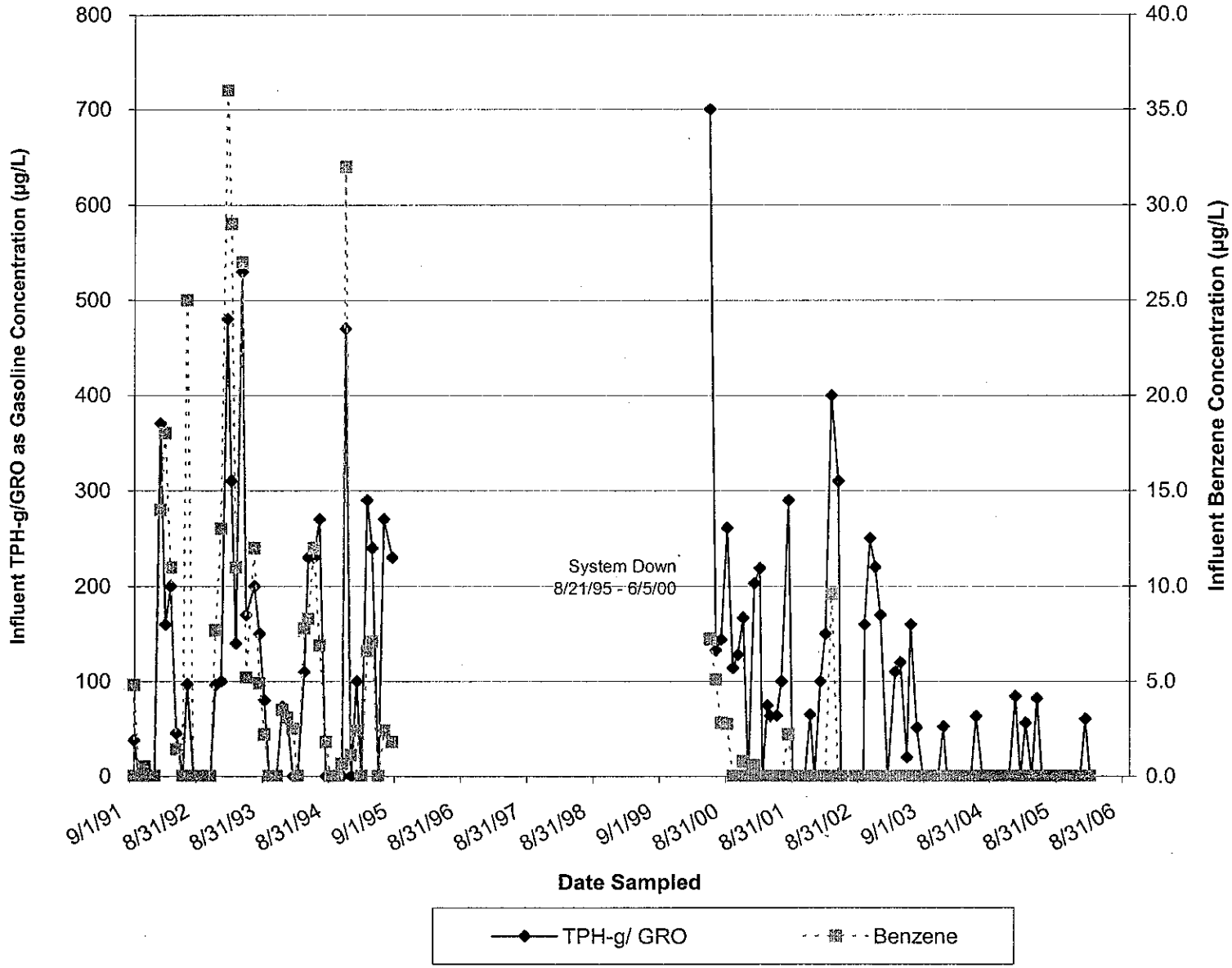


Figure 4
Groundwater Extraction System Mass Removal Trend
MtBE

ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

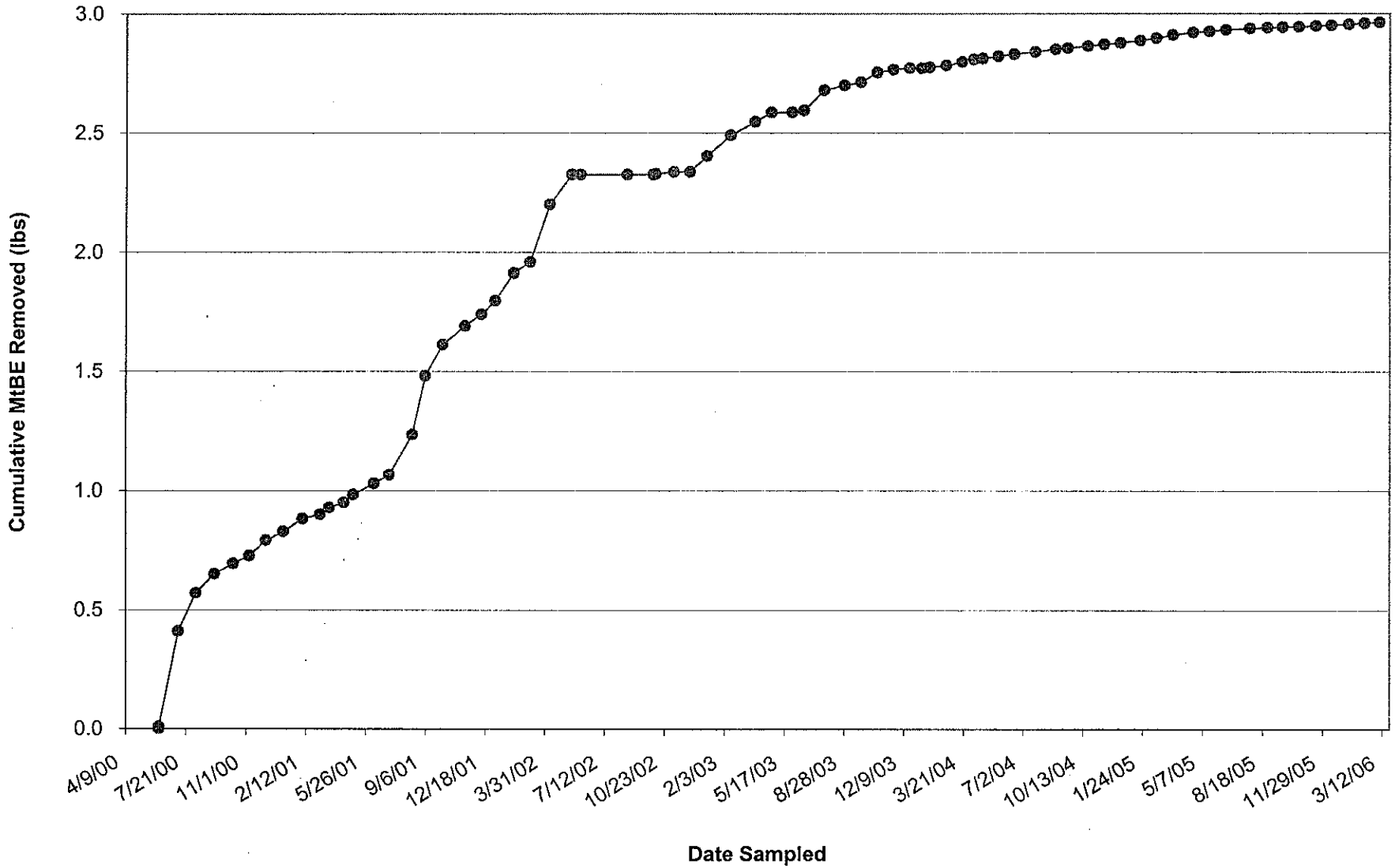


Figure 5
Groundwater Extraction System Concentration Trend
MtBE

ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

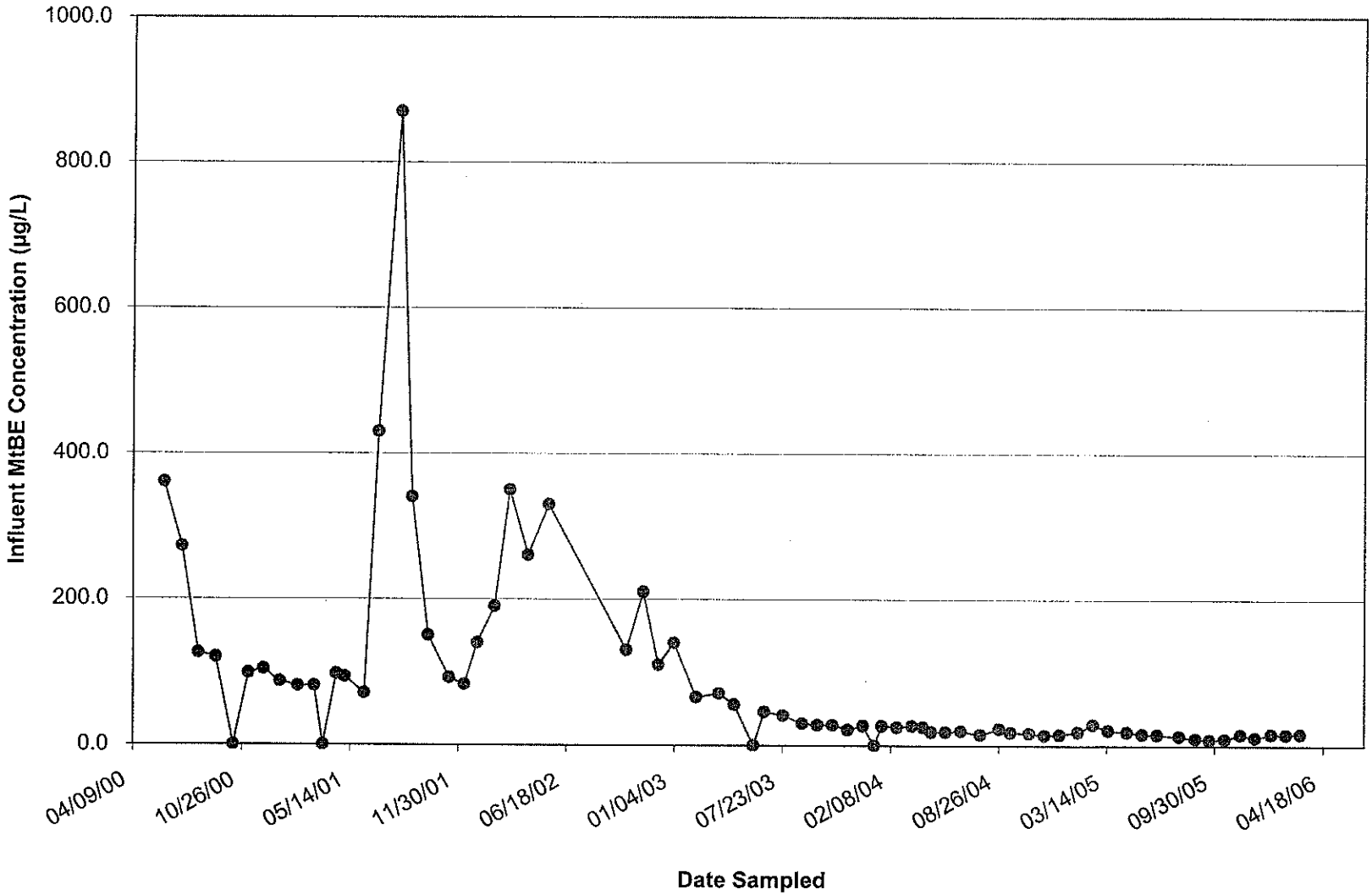


Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
17349 VM	3/13/2002	--		--	--	--	--	--	<50	1	<0.50	<0.50	<0.50	49	--	--
	6/28/2002	--	l	--	--	--	--	--	66	0.50	<0.50	<0.50	<0.50	47/45	--	--
	9/20/2002	--	k	--	--	--	--	--	---	---	---	---	---	--	--	--
17372 VM	3/13/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	6/28/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	9/20/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	12/30/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	3/27/2003	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	9/15/2003	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	12/04/2003	NP		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	7.2
	03/10/2004	--	m	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	06/10/2004	NP	m	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.1	6.9
	09/22/2004	NP	m	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	7.2
	12/13/2004	NP	m	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.76	7.6
	03/10/2005	NP	m	--	--	--	--	--	<100	<0.50	<0.50	<0.50	<4.0	<0.50	7.5	8.0
	06/29/2005	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/14/2005	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/2005	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/2006	--	**o**	--	--	--	--	--	--	--	--	--	--	--	--	--
642 H	3/13/2002	--	j	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/28/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	9/20/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	12/30/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	3/27/2003	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	6/30/2003	--	j	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/15/2003	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	12/04/2003	NP		--	--	--	14.75	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	7.1
	06/10/2004	--	n	--	--	--	--	--	--	--	--	--	--	--	7.9	--
	09/22/2004	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/2004	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/10/2005	--	n	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/29/2005	--	n	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/14/2005	--	n	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
642 H	12/13/2005	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
	03/20/2006	--	**o**	--	--	--	--	--	--	--	--	--	--	--	--	--
E-1A	3/13/2002	--	a	33.06	--	--	21.75	11.31	200	<0.50	<0.50	<0.50	<0.50	310	--	--
	6/28/2002	--	b	33.06	--	--	11.22	21.84	260	<0.50	11	1.2	1.2	150	--	--
	9/20/2002	--		33.06	--	--	11.80	21.26	250	1.18	0.52	<0.5	<1.5	218	--	--
	12/30/2002	--	c, e	33.06	--	--	16.33	16.73	190	<1.2	<1.2	<1.2	<1.2	190	--	--
	3/27/2003	--	g	33.06	--	--	13.63	19.43	96	<0.50	<0.50	<0.50	<0.50	60	--	--
	6/30/2003	P	h	33.06	--	--	9.60	23.46	140	<0.50	<0.50	<0.50	<0.50	37	--	--
	9/15/2003	P	g	33.06	--	--	17.80	15.26	83	<0.50	<0.50	<0.50	<0.50	49	--	--
	12/04/2003	NP	g	33.06	--	--	18.73	14.33	<50	<0.50	<0.50	<0.50	<0.50	19	4.3	7.0
	03/10/2004	NP	g	34.30	--	--	16.78	17.52	<100	<1.0	<1.0	<1.0	<1.0	38	4.9	7.2
	06/10/2004	NP	g, p	34.30	--	--	16.67	17.63	74	<0.50	<0.50	<0.50	<0.50	46	2.0	6.7
	09/22/2004	NP		34.30	--	--	18.46	15.84	<50	<0.50	<0.50	<0.50	<0.50	17	--	7.0
	12/13/2004	NP		34.30	--	--	17.56	16.74	<50	<0.50	<0.50	<0.50	<0.50	15	7.13	6.9
	03/10/2005	NP		34.30	--	--	14.60	19.70	<100	<0.50	<0.50	<0.50	<4.0	22	6.6	8.0
	06/29/2005	NP		34.30	--	--	15.13	19.17	<50	<0.50	0.91	<0.50	<0.50	14	6.73	7.3
	09/14/2005	NP		34.30	--	--	16.90	17.40	<50	<0.50	<0.50	<0.50	<0.50	13	5.4	6.7
	12/13/2005	NP		34.30	--	--	18.84	15.46	<50	<0.50	<0.50	<0.50	<0.50	12	8.3	7.1
	03/20/2006	--	**h**	**34.30**	--	--	**13.55**	**20.75**	--	--	--	--	--	--	--	--
MW-1	3/15/1996	--		175.04	--	--	14.24	160.80	---	---	---	---	---	--	--	--
MW-5	3/13/2002	--		33.99	--	--	11.46	22.53	530	<2.5	<2.5	<2.5	<2.5	230	--	--
	6/28/2002	--	b	33.99	--	--	11.75	22.24	180	<1.0	2.6	<1.0	1.2	230	--	--
	9/20/2002	--		33.99	--	--	12.15	21.84	<50	<0.50	<0.50	<0.50	<1.50	333	--	--
	12/30/2002	--		33.99	--	--	9.73	24.26	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	3/27/2003	--		33.99	--	--	11.24	22.75	100	<0.50	<0.50	<0.50	<0.50	59	--	--
	6/30/2003	--		33.99	--	--	11.62	22.37	91	<0.50	<0.50	<0.50	<0.50	58	--	--
	9/15/2003	--		33.99	--	--	12.13	21.86	<250	<2.5	<2.5	<2.5	<2.5	61	--	--
	12/04/2003	P		33.99	--	--	11.85	22.14	81	<0.50	<0.50	<0.50	<0.50	42	1.7	7.0
	03/10/2004	P		35.97	--	--	10.34	25.63	<50	<0.50	<0.50	<0.50	<0.50	9.5	1.2	6.6
	06/10/2004	P		35.97	--	--	11.65	24.32	55	<0.50	<0.50	<0.50	<0.50	31	1.3	7.0
	09/22/2004	P		35.97	--	--	12.23	23.74	<50	<0.50	<0.50	<0.50	<0.50	15	0.8	6.8
	12/13/2004	P		35.97	--	--	11.16	24.81	<50	<0.50	<0.50	<0.50	<0.50	5.4	3.76	6.8

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-5	03/10/2005	P		35.97	--	--	9.90	26.07	<100	<0.50	<0.50	<0.50	<4.0	3.3	2.6	7.7
	06/29/2005	P		35.97	--	--	11.35	24.62	<50	<0.50	<0.50	<0.50	<0.50	6.7	0.93	6.6
	09/14/2005	P		35.97	--	--	11.80	24.17	<50	<0.50	0.91	<0.50	0.68	13	0.8	6.9
	12/13/2005	--		35.97	--	--	11.60	24.37	--	--	--	--	--	--	--	--
	03/20/2006	**P**		**35.97**	**--**	**--**	**10.04**	**25.93**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**3.8**	**0.8**	**7.1**
MW-8	3/13/2002	--		32.79	--	--	10.30	22.49	500	<2.5	<2.5	<2.5	<2.5	1,100	--	--
	6/28/2002	--	b	32.79	--	--	10.30	22.49	150	<0.50	2.9	0.54	1.5	130	--	--
	9/20/2002	--		32.79	--	--	10.84	21.95	<50	<0.50	<0.50	<0.50	<1.50	273	--	--
	12/30/2002	--		32.79	--	--	8.31	24.48	<50	<0.50	<0.50	<0.50	<0.50	5.5	--	--
	3/27/2003	--		32.79	--	--	9.85	22.94	63	<0.50	<0.50	<0.50	<0.50	33	--	--
	6/30/2003	--		32.79	--	--	10.20	22.59	<50	<0.50	<0.50	<0.50	<0.50	15	--	--
	9/15/2003	--		32.79	--	--	10.69	22.10	59	<0.50	<0.50	<0.50	<0.50	41	--	--
	12/04/2003	P		32.79	--	--	10.43	22.36	<50	<0.50	<0.50	<0.50	<0.50	24	1.0	7.0
	03/10/2004	P		34.47	--	--	9.04	25.43	<50	<0.50	<0.50	<0.50	<0.50	2.4	0.9	6.8
	06/10/2004	P		34.47	--	--	10.40	24.07	<50	<0.50	<0.50	<0.50	<0.50	2.1	0.6	7.0
	09/22/2004	P		34.47	--	--	10.74	23.73	84	<0.50	<0.50	<0.50	<0.50	18	0.9	6.9
	12/13/2004	P		34.47	--	--	9.73	24.74	<50	<0.50	<0.50	<0.50	<0.50	7.1	0.95	6.8
	03/10/2005	P		34.47	--	--	8.17	26.30	<100	<0.50	<0.50	<0.50	<4.0	1.4	2.0	7.4
	06/29/2005	P		34.47	--	--	9.93	24.54	<50	<0.50	<0.50	<0.50	<0.50	1.7	1.72	7.0
	09/14/2005	P		34.47	--	--	10.35	24.12	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.0
	12/13/2005	--		34.47	--	--	10.18	24.29	--	--	--	--	--	--	--	--
	03/20/2006	**P**		**34.47**	**--**	**--**	**8.65**	**25.82**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**0.60**	**1.8**	**7.1**
MW-9	3/13/2002	--		32.11	--	--	9.49	22.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	6/28/2002	--		32.11	--	--	9.78	22.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	9/20/2002	--		32.11	--	--	10.29	21.82	<50	<0.50	<0.50	<0.50	<1.50	<0.500	--	--
	12/30/2002	--		32.11	--	--	7.60	24.51	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	3/27/2003	--		32.11	--	--	9.14	22.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	6/30/2003	--	u	32.11	--	--	9.64	22.47	--	--	--	--	--	--	--	--
	9/15/2003	--		32.11	--	--	10.12	21.99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	12/04/2003	--	u	32.11	--	--	--	--	--	--	--	--	--	--	--	--
	03/10/2004	P		34.00	--	--	8.46	25.54	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	7.3
	06/10/2004	--	u	34.00	--	--	9.88	24.12	--	--	--	--	--	--	--	--
	09/22/2004	P		34.00	--	--	10.05	23.95	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	7.0

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-9	12/13/2004	--	u	34.00	--	--	9.17	24.83	--	--	--	--	--	--	--	--
	03/10/2005	P		34.00	--	--	8.17	25.83	<100	<0.50	<0.50	<0.50	<4.0	<0.50	2.2	7.7
	06/29/2005	--		34.00	--	--	9.28	24.72	--	--	--	--	--	--	--	--
	09/14/2005	P		34.00	--	--	9.70	24.30	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.8
	12/13/2005	--		34.00	--	--	9.64	24.36	--	--	--	--	--	--	--	--
	03/20/2006	**--**		**34.00**	**--**	**--**	**8.23**	**25.77**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-10	3/13/2002	--		31.67	--	--	9.68	21.99	680	<5.0	<5.0	<5.0	<5.0	570	--	--
	6/28/2002	--	b	31.67	--	--	9.84	21.83	820	<2.0	<2.0	<2.0	<2.0	1,200	--	--
	9/20/2002	--		31.67	--	--	10.37	21.30	194	<0.50	<0.50	<0.50	<1.50	575	--	--
	12/30/2002	--		31.67	--	--	7.70	23.97	<50	<0.50	<0.50	<0.50	<0.50	490	--	--
	3/27/2003	--		31.67	--	--	9.33	22.34	530	<5.0	<5.0	<5.0	<5.0	330	--	--
	6/30/2003	--		31.67	--	--	9.75	21.92	<1,000	<10	<10	<10	<10	750	--	--
	9/15/2003	P		31.67	--	--	10.17	21.50	<500	<5.0	<5.0	<5.0	<5.0	430	--	--
	12/04/2003	P		31.67	--	--	9.95	21.72	<250	<2.5	<2.5	<2.5	<2.5	110	--	6.9
	03/10/2004	P		33.50	--	--	8.57	24.93	420	<2.5	<2.5	<2.5	<2.5	140	1.2	6.5
	06/10/2004	--		33.50	--	--	9.95	23.55	600	<5.0	<5.0	<5.0	<5.0	410	--	6.9
	09/22/2004	P		33.50	--	--	10.23	23.27	560	<0.50	<0.50	<0.50	<0.50	87	0.8	6.9
	12/13/2004	P		33.50	--	--	9.28	24.22	290	<1.0	<1.0	<1.0	<1.0	110	1.6	6.5
	03/10/2005	P		33.50	--	--	7.97	25.53	280	<0.50	<0.50	<0.50	<4.0	86	3.2	7.3
	06/29/2005	P		33.50	--	--	9.45	24.05	<250	<2.5	<2.5	<2.5	<2.5	160	1.13	6.8
	09/14/2005	P		33.50	--	--	9.92	23.58	340	<2.5	<2.5	<2.5	<2.5	140	0.7	6.9
	12/13/2005	P		33.50	--	--	9.73	23.77	270	<0.50	<0.50	<0.50	<0.50	47	1.8	6.5
	03/20/2006	**P**		**33.50**	**--**	**--**	**8.17**	**25.33**	**270**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**34**	**1.1**	**6.9**
MW-11	3/13/2002	--		32.54	--	--	10.38	22.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	6/28/2002	--		32.54	--	--	10.74	21.80	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	9/20/2002	--		32.54	--	--	11.27	21.27	<50	<0.50	<0.50	<0.50	<1.50	<0.500	--	--
	12/30/2002	--		32.54	--	--	8.73	23.81	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	3/27/2003	--		32.54	--	--	10.25	22.29	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	6/30/2003	--		32.54	--	--	10.65	21.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	9/15/2003	--		32.54	--	--	11.03	21.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	12/04/2003	P		32.54	--	--	10.84	21.70	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	7.0
	03/10/2004	P		34.55	--	--	9.41	25.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	6.9
	06/10/2004	--		34.55	--	--	10.82	23.73	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	6.9

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-11	09/22/2004	P		34.55	--	--	11.10	23.45	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.9
	12/13/2004	P		34.55	--	--	10.19	24.36	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.83	6.6
	03/10/2005	P		34.55	--	--	8.87	25.68	<100	<0.50	<0.50	<0.50	<4.0	<0.50	2.3	7.7
	06/29/2005	P		34.55	--	--	10.37	24.18	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.83	6.3
	09/14/2005	P		34.55	--	--	10.78	23.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	6.9
	12/13/2005	--		34.55	--	--	10.62	23.93	--	--	--	--	--	--	--	--
	03/20/2006	--		**34.55**	--	--	**9.04**	**25.51**	--	--	--	--	--	--	--	--
MW-14	3/13/2002	--		30.46	--	--	8.56	21.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	6/28/2002	--	q	30.46	--	--	9.12	21.34	--	--	--	--	--	--	--	--
	9/20/2002	--	q	30.46	--	--	9.79	20.67	--	--	--	--	--	--	--	--
	12/30/2002	--	q	30.46	--	--	7.13	23.33	--	--	--	--	--	--	--	--
	3/27/2003	--		30.46	--	--	8.53	21.93	<50	<0.50	0.86	<0.50	<0.50	<0.50	--	--
	6/30/2003	--	q	30.46	--	--	9.05	21.41	--	--	--	--	--	--	--	--
	9/15/2003	--	q	30.46	--	--	9.47	20.99	--	--	--	--	--	--	--	--
	12/04/2003	--	q	30.46	--	--	9.20	21.26	--	--	--	--	--	--	--	--
	03/10/2004	--	q	32.61	--	--	7.90	24.71	--	--	--	--	--	--	--	--
	06/10/2004	--	q	32.61	--	--	9.25	23.36	--	--	--	--	--	--	--	--
	09/22/2004	P		32.61	--	--	9.55	23.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	--
	12/13/2004	--		32.61	--	--	8.46	24.15	--	--	--	--	--	--	--	--
	03/10/2005	--		32.61	--	--	7.32	25.29	--	--	--	--	--	--	--	--
	06/29/2005	--		32.61	--	--	8.77	23.84	--	--	--	--	--	--	--	--
	09/14/2005	P		32.61	--	--	9.20	23.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	6.9
	12/13/2005	--		32.61	--	--	8.96	23.65	--	--	--	--	--	--	--	--
	03/20/2006	--		**32.61**	--	--	**7.51**	**25.10**	--	--	--	--	--	--	--	--
MW-15	3/13/2002	--		31.41	--	--	10.03	21.38	<50	<0.50	<0.50	<0.50	<0.50	21	--	--
	6/28/2002	--		31.41	--	--	10.41	21.00	<50	<0.50	<0.50	<0.50	<0.50	8.7	--	--
	9/20/2002	--		31.41	--	--	11.00	20.41	<50	<0.50	<0.50	<0.50	<1.50	21.6	--	--
	12/30/2002	--		31.41	--	--	8.33	23.08	<50	<0.50	<0.50	<0.50	<0.50	67	--	--
	3/27/2003	--		31.41	--	--	9.83	21.58	<50	<0.50	<0.50	<0.50	<0.50	17	--	--
	6/30/2003	--		31.41	--	--	10.00	21.41	<50	<0.50	<0.50	<0.50	<0.50	12	--	--
	9/15/2003	--		31.41	--	--	10.67	20.74	<50	<0.50	<0.50	<0.50	<0.50	10	--	--
	12/04/2003	P		31.41	--	--	10.47	20.94	<50	<0.50	<0.50	<0.50	<0.50	6.4	2.6	7.0
	03/10/2004	P		33.49	--	--	9.09	24.40	<50	<0.50	<0.50	<0.50	<0.50	11	1.5	6.9

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-15	06/10/2004	P		33.49	--	--	10.50	22.99	<50	<0.50	<0.50	<0.50	<0.50	5.7	0.5	6.9
	09/22/2004	--	r	33.49	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/2004	--	r	33.49	--	--	--	--	--	--	--	--	--	--	--	--
	03/10/2005	P		33.49	--	--	8.50	24.99	<100	<0.50	<0.50	<0.50	<4.0	5.4	2.7	7.7
	06/29/2005	--	r	33.49	--	--	--	--	--	--	--	--	--	--	--	--
	09/14/2005	--	r	33.49	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/2005	--		33.49	--	--	10.16	23.33	--	--	--	--	--	--	--	--
	03/20/2006	**P**		**33.49**	**--**	**--**	**8.72**	**24.77**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**15**	**3.1**	**7.3**
MW-16	3/13/2002	--		31.39	--	--	10.51	20.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	6/28/2002	--		31.39	--	--	10.96	20.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	9/20/2002	--		31.39	--	--	10.47	20.92	<50	<0.50	<0.50	<0.50	<1.50	1.67	--	--
	12/30/2002	--		31.39	--	--	---	--	--	--	--	--	--	--	--	--
	3/27/2003	--		31.39	--	--	10.28	21.11	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	6/30/2003	--	i, q	31.39	--	--	10.87	20.52	--	--	--	--	--	--	--	--
	9/15/2003	--		31.39	--	--	11.25	20.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	12/04/2003	--	u	31.39	--	--	10.99	20.40	--	--	--	--	--	--	--	--
	03/10/2004	P		33.41	--	--	9.66	23.75	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	6.5
	06/10/2004	--		33.41	--	--	11.06	22.35	--	--	--	--	--	--	--	--
	09/22/2004	P		33.41	--	--	11.40	22.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	7.0
	12/13/2004	--		33.41	--	--	10.27	23.14	--	--	--	--	--	--	--	--
	03/10/2005	P		33.41	--	--	9.03	24.38	<100	<0.50	<0.50	<0.50	<4.0	<0.50	3.9	7.0
	06/29/2005	--		33.41	--	--	10.60	22.81	--	--	--	--	--	--	--	--
	09/14/2005	P		33.41	--	--	11.02	22.39	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.0
	12/13/2005	--		33.41	--	--	10.79	22.62	--	--	--	--	--	--	--	--
	03/20/2006	**--**		**33.41**	**--**	**--**	**9.25**	**24.16**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-18	3/13/2002	--		29.70	--	--	9.46	20.24	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	6/28/2002	--	q	29.70	--	--	10.05	19.65	--	--	--	--	--	--	--	--
	9/20/2002	--	q	29.70	--	--	10.67	19.03	--	--	--	--	--	--	--	--
	12/30/2002	--	q	29.70	--	--	7.98	21.72	--	--	--	--	--	--	--	--
	3/27/2003	--		29.70	--	--	9.18	20.52	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	6/30/2003	--	q	29.70	--	--	9.68	20.02	--	--	--	--	--	--	--	--
	9/15/2003	--	q	29.70	--	--	10.30	19.40	--	--	--	--	--	--	--	--
	12/04/2003	--	q	29.70	--	--	9.99	19.71	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-18	03/10/2004	--	q	31.87	--	--	8.78	23.09	--	--	--	--	--	--	--	--
	06/10/2004	--	q	31.87	--	--	10.12	21.75	--	--	--	--	--	--	--	--
	09/22/2004	P		31.87	--	--	10.45	21.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	6.9
	12/13/2004	--		31.87	--	--	9.25	22.62	--	--	--	--	--	--	--	--
	03/10/2005	--		31.87	--	--	8.35	23.52	--	--	--	--	--	--	--	--
	06/29/2005	--		31.87	--	--	9.65	22.22	--	--	--	--	--	--	--	--
	09/14/2005	P		31.87	--	--	10.10	21.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	6.9
	12/13/2005	--		31.87	--	--	9.90	21.97	--	--	--	--	--	--	--	--
	03/20/2006	--		**31.87**	--	--	**8.54**	**23.33**	--	--	--	--	--	--	--	--
MW-21	3/13/2002	--		28.72	--	--	9.40	19.32	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
	6/28/2002	--	q	28.72	--	--	9.80	18.92	--	--	--	--	--	--	--	--
	9/20/2002	--	q	28.72	--	--	10.27	18.45	--	--	--	--	--	--	--	--
	12/30/2002	--	q	28.72	--	--	7.70	21.02	--	--	--	--	--	--	--	--
	3/27/2003	--		28.72	--	--	9.05	19.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	6/30/2003	--	q	28.72	--	--	9.48	19.24	--	--	--	--	--	--	--	--
	9/15/2003	--	q	28.72	--	--	10.06	18.66	--	--	--	--	--	--	--	--
	12/04/2003	--	q	28.72	--	--	9.69	19.03	--	--	--	--	--	--	--	--
	03/10/2004	--	q	30.67	--	--	8.60	22.07	--	--	--	--	--	--	--	--
	06/10/2004	--	q	30.67	--	--	9.85	20.82	--	--	--	--	--	--	--	--
	09/22/2004	P		30.67	--	--	10.17	20.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	6.9
	12/13/2004	--		30.67	--	--	8.92	21.75	--	--	--	--	--	--	--	--
	03/10/2005	--		30.67	--	--	8.10	22.57	--	--	--	--	--	--	--	--
	06/29/2005	--		30.67	--	--	9.48	21.19	--	--	--	--	--	--	--	--
	09/14/2005	P		30.67	--	--	9.88	20.79	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	6.9
	12/13/2005	--		30.67	--	--	9.57	21.10	--	--	--	--	--	--	--	--
	03/20/2006	--		**30.67**	--	--	**8.26**	**22.41**	--	--	--	--	--	--	--	--
MW-22	3/13/2002	--		29.29	--	--	9.86	19.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	6/28/2002	--		29.29	--	--	10.65	18.64	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	9/20/2002	--		29.29	--	--	11.05	18.24	<50	<0.50	<0.50	<0.50	<1.50	<0.500	--	--
	12/30/2002	--		29.29	--	--	8.28	21.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	3/27/2003	--		29.29	--	--	9.85	19.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	6/30/2003	--	i, q	29.29	--	--	10.20	19.09	--	--	--	--	--	--	--	--
	9/15/2003	--		29.29	--	--	10.81	18.48	<500	<5.0	<5.0	<5.0	<5.0	<5.0	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-22	12/04/2003	--		29.29	--	--	10.49	18.80	--	--	--	--	--	--	--	--
	03/10/2004	P		31.43	--	--	9.24	22.19	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	6.6
	06/10/2004	--		31.43	--	--	10.60	20.83	--	--	--	--	--	--	--	--
	09/22/2004	P		31.43	--	--	10.94	20.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.0
	12/13/2004	--		31.43	--	--	9.73	21.70	--	--	--	--	--	--	--	--
	03/10/2005	P		31.43	--	--	8.65	22.78	<100	<0.50	<0.50	<0.50	<4.0	<0.50	3.3	7.4
	06/29/2005	--		31.43	--	--	10.25	21.18	--	--	--	--	--	--	--	--
	09/14/2005	P		31.43	--	--	10.65	20.78	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	7.0
	12/13/2005	--		31.43	--	--	10.39	21.04	--	--	--	--	--	--	--	--
	03/20/2006	--		**31.43**	--	--	**8.89**	**22.54**	--	--	--	--	--	--	--	--
MW-23	3/13/2002	--		30.99	--	--	11.01	19.98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	6/28/2002	--	q	30.99	--	--	11.59	19.40	--	--	--	--	--	--	--	--
	9/20/2002	--	q	30.99	--	--	12.00	18.99	--	--	--	--	--	--	--	--
	12/30/2002	--	q	30.99	--	--	9.42	21.57	--	--	--	--	--	--	--	--
	3/27/2003	--		30.99	--	--	11.00	19.99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	6/30/2003	--	q	30.99	--	--	11.47	19.52	--	--	--	--	--	--	--	--
	9/15/2003	--	q	30.99	--	--	11.84	19.15	--	--	--	--	--	--	--	--
	12/04/2003	--	q	30.99	--	--	11.61	19.38	--	--	--	--	--	--	--	--
	03/10/2004	--	q	33.16	--	--	10.24	22.92	--	--	--	--	--	--	--	--
	06/10/2004	--	q	33.16	--	--	11.60	21.56	--	--	--	--	--	--	--	--
	09/22/2004	P		33.16	--	--	11.95	21.21	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.9
	12/13/2004	--		33.16	--	--	10.88	22.28	--	--	--	--	--	--	--	--
	03/10/2005	--		33.16	--	--	9.63	23.53	--	--	--	--	--	--	--	--
	06/29/2005	--		33.16	--	--	11.28	21.88	--	--	--	--	--	--	--	--
	09/14/2005	P		33.16	--	--	11.70	21.46	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	6.9
	12/13/2005	--		33.16	--	--	11.44	21.72	--	--	--	--	--	--	--	--
	03/20/2006	--		**33.16**	--	--	**9.81**	**23.35**	--	--	--	--	--	--	--	--
MW-25	3/13/2002	--		33.81	--	--	10.99	22.82	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	6/28/2002	--		33.81	--	--	11.26	22.55	<50	<0.50	<0.50	<0.50	<0.50	36	--	--
	9/20/2002	--		33.81	--	--	11.65	22.16	117	<0.50	<0.50	<0.50	<1.50	259	--	--
	12/30/2002	--	d, f	33.81	--	--	9.33	24.48	95	13	<0.50	<0.50	<0.50	98	--	--
	3/27/2003	--		33.81	--	--	10.82	22.99	150	<0.50	<0.50	<0.50	<0.50	90	--	--
	6/30/2003	--		33.81	--	--	11.20	22.61	<500	<5.0	<5.0	<5.0	<5.0	130	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, CA

Well No.	Date	P/ NP	Footnotes/ Comments	TOC (ft MSL)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (ft bgs)	GWE (ft MSL)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-25	9/15/2003	--		33.81	--	--	11.62	22.19	220	<1.0	<1.0	<1.0	<1.0	140	--	--
	12/04/2003	P		33.81	--	--	11.41	22.40	81	<0.50	<0.50	<0.50	<0.50	36	1.2	7.0
	03/10/2004	P		36.33	--	--	10.04	26.29	<50	<0.50	<0.50	<0.50	<0.50	14	1.2	6.7
	06/10/2004	P		36.33	--	--	11.40	24.93	<50	<0.50	<0.50	<0.50	<0.50	17	0.8	7.1
	09/22/2004	P		36.33	--	--	11.74	24.59	<50	<0.50	<0.50	<0.50	<0.50	29	1.1	7.0
	12/13/2004	P		36.33	--	--	10.72	25.61	<50	<0.50	<0.50	<0.50	<0.50	44	1.22	6.9
	03/10/2005	P		36.33	--	--	9.45	26.88	<100	<0.50	<0.50	<0.50	<4.0	7.4	2.0	7.7
	06/29/2005	P		36.33	--	--	10.91	25.42	<50	<0.50	<0.50	<0.50	<0.50	20	0.97	6.9
	09/14/2005	P		36.33	--	--	11.35	24.98	<50	<0.50	<0.50	<0.50	<0.50	8.0	1.2	6.9
	12/13/2005	P		36.33	--	--	11.14	25.19	<50	<0.50	<0.50	<0.50	<0.50	13	0.8	6.8
	03/20/2006	**P**		**36.33**	**--**	**--**	**9.71**	**26.62**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**5.4**	**1.0**	**6.9**
MW-26	3/13/2002	--		33.71	--	--	11.27	22.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	6/28/2002	--	q	33.71	--	--	11.70	22.01	--	--	--	--	--	--	--	--
	9/20/2002	--	q	33.71	--	--	12.10	21.61	--	--	--	--	--	--	--	--
	12/30/2002	--	q	33.71	--	--	9.60	24.11	--	--	--	--	--	--	--	--
	3/27/2003	--		33.71	--	--	11.15	22.56	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
	6/30/2003	--	q	33.71	--	--	11.61	22.10	--	--	--	--	--	--	--	--
	9/15/2003	--	q	33.71	--	--	12.01	21.70	--	--	--	--	--	--	--	--
	12/04/2003	--	q	33.71	--	--	11.78	21.93	--	--	--	--	--	--	--	--
	03/10/2004	--	q	35.70	--	--	10.45	25.25	--	--	--	--	--	--	--	--
	06/10/2004	--	q	35.70	--	--	11.82	23.88	--	--	--	--	--	--	--	--
	09/22/2004	P		35.70	--	--	12.05	23.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	7.0
	12/13/2004	--		35.70	--	--	11.08	24.62	--	--	--	--	--	--	--	--
	03/10/2005	--		35.70	--	--	9.80	25.90	--	--	--	--	--	--	--	--
	06/29/2005	--		35.70	--	--	11.30	24.40	--	--	--	--	--	--	--	--
	09/14/2005	P		35.70	--	--	11.55	24.15	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	6.8
	12/13/2005	--		35.70	--	--	11.54	24.16	--	--	--	--	--	--	--	--
	03/20/2006	**--**		**35.70**	**--**	**--**	**10.06**	**25.64**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608
17601 Hesperian Boulevard, San Lorenzo, CA

SYMBOLS & ABBREVIATIONS:
-- = Not analyzed/applicable/measured/available
< = Not detected at or above laboratory reporting limit
DO = Dissolved oxygen
DTW = Depth to water in ft bgs
ft bgs = feet below ground surface
ft MSL = feet above mean sea level
GRO = Gasoline range organics, range C4-C12
GWE = Groundwater elevation measured in ft MSL
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether
NP = Well not purged prior to sampling
P = Well purged prior to sampling
TOC = Top of casing measured in ft MSL
TPH-g = Total petroleum hydrocarbons as gasoline
µg/L = Micrograms per liter

NOTES:
a = Well elevation data obtained from Quarterly Groundwater Monitoring and Site Status Report, Fourth Quarter 1994.
b = GRO/TPH-g Chromatogram Pattern: Unidentified Hydrocarbons C6-C10
c = Hydrocarbon pattern for GRO/TPH-g is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
d = GRO/TPH-g Chromatogram Pattern: C6-C10
e = This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.
f = The continuing calibration was outside the acceptance criteria. This should be considered in evaluating the result for its intended purpose.
g = Groundwater extraction system pumping; inaccurate DTW.
h = Groundwater extraction system not pumping.
i = Sampling frequency changed from quarterly to annually per recommendations in first quarter 2003 groundwater monitoring report.
j = Well not accessible this quarter.
k = Well destroyed.
l = MTBE confirmed by EPA Method 8260B (Method 8260B result is the second value.)
m = No gauging port. Sample taken from spigot.
n = Well inaccessible as homeowner not available.
o = Pump not working or well dry.
p = Gauged with pump in well. Opened cam lock fitting at wellhead.
q = Well sampled annually.
r = Well inaccessible--car parked over well.
u = Well sampled semi-annually.

NOTES:
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.
Site surveyed to NAVD'88 datum on March 2, 2004.
Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported. Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12
Values for DO and pH were obtained through field measurements.

Table 3

Groundwater Gradient Data

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
06/28/2002	West	0.003
09/20/2002	West	0.00196
12/30/2002	West	0.003
03/27/2003	West	0.002
06/30/2003	West-Southwest	0.001
09/15/2003	West	0.003
12/04/2003	West-Southwest	0.003
03/10/2004	West	0.003
06/10/2004	West	0.006
09/22/2004	West	0.006
12/13/2004	West-Southwest	0.003
03/10/2005	West-Southwest	0.003
06/29/2005	West-Southwest	0.003
09/14/2005	West-Southwest	0.003
12/13/2005	West	0.003
03/20/2006	**West-Southwest**	**0.003**

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

Table 4

Groundwater Sampling Schedule
ARCO Service Station #0608
17601 Hesperian Boulevard, San Lorenzo, California

Well Number	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Sampling Frequency
Groundwater Monitoring Wells					
MW-5	X		X		Semiannually (1st and 3rd Quarter)
MW-7	----------Removed from Program----------				
MW-8	X		X		Semiannually (1st and 3rd Quarter)
MW-9			X		Annually (3rd Quarter)
MW-10	X	X	X	X	Quarterly
MW-11			X		Annually (3rd Quarter)
E-1A	X	X	X	X	Quarterly
MW-13	----------Removed from Program----------				
MW-14			X		Annually (3rd Quarter)
MW-15	X		X		Semiannually (1st and 3rd Quarter)
MW-16			X		Annually (3rd Quarter)
MW-17	----------Destroyed----------				
MW-18			X		Annually (3rd Quarter)
MW-19	----------Removed from Program----------				
MW-20	----------Destroyed----------				
MW-21			X		Annually (3rd Quarter)
MW-22			X		Annually (3rd Quarter)
MW-23			X		Annually (3rd Quarter)
MW-24	----------Removed from Program----------				
MW-25	X	X	X	X	Quarterly
MW-26			X		Annually (3rd Quarter)
Domestic Irrigation Wells					
590H	----------Destroyed----------				
633H	----------Destroyed----------				
634H	----------Pump Not Functional, Well Not In Use----------				
642H	X	X	X	X	Quarterly
675H	----------Destroyed----------				
17197 VM	----------Destroyed----------				
17200 VM	----------Destroyed----------				
17203 VM	----------Destroyed----------				
17302 VM	----------Pump Not Functional, Well Not In Use----------				
17348 VE	----------Pump Not Functional, Well Not In Use----------				
17349 VM	----------Destroyed----------				
17371 VM	----------Destroyed----------				
17372 VM	X	X	X	X	Quarterly
17393 VM	----------Destroyed----------				

Notes:
Beginning third quarter 2005, the sampling schedule was changed.

Table 5

Groundwater Extraction System Performance Data

ARCO Service Station #0608

17601 Hesperian Boulevard at Hacienda Avenue

San Lorenzo, California

							GRO/TPH-g			Benzene			MTBE		
Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	Average Flow (gpm)	Influent Concen-tration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concen-tration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concen-tration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)
09/25/91		0	---	0	0	0.0	ND	---	0.00	---	0.000	0.00	---	---	---
09/26/91		---	---	1,144	1,144	---	38	0.00	0.00	4.8	0.000	0.00	---	---	---
10/22/91		26	95.9	12,844	11,700	7.6	ND	---	0.00	ND	0.000	0.00	---	---	---
11/22/91		77	93.1	52,532	39,688	13.0	ND	---	0.00	0.5	0.000	0.00	---	---	---
12/19/91		322	62.1	122,540	70,008	4.8	ND	---	0.00	ND	0.000	0.00	---	---	---
01/16/92		994	0.0	283,289	160,749	4.0	ND	---	0.00	ND	0.000	0.00	---	---	---
02/19/92		1,809	0.2	485,200	201,911	4.1	370	0.31	0.31	14.0	0.012	0.01	---	---	---
03/17/92		2,462	0.0	662,847	177,647	4.5	160	0.39	0.70	18.0	0.024	0.04	---	---	---
04/15/92		3,150	1.1	851,100	188,253	4.6	200	0.28	0.99	11.0	0.023	0.06	---	---	---
05/14/92		3,849	0.0	1,030,086	178,986	4.3	45	0.18	1.17	1.4	0.009	0.07	---	---	---
06/19/92		4,712	0.1	1,229,960	199,874	3.9	ND	---	1.17	ND	0.001	0.07	---	---	---
07/14/92		5,001	51.8	1,291,201	61,241	3.5	97	0.02	1.19	25.0	0.006	0.08	---	---	---
08/18/92		---	---	1,410,018	118,817	---	ND	---	1.19	ND	0.012	0.09	---	---	---
09/15/92		6,298	---	1,535,640	125,622	3.1	ND	---	1.19	ND	0.000	0.09	---	---	---
10/16/92		7,012	4.1	1,651,623	115,983	2.7	ND	---	1.19	ND	0.000	0.09	---	---	---
11/18/92		7,809	0.0	1,768,076	116,453	2.4	ND	---	1.19	ND	0.000	0.09	---	---	---
12/17/92		8,502	0.4	1,864,300	96,224	2.3	96	0.04	1.23	7.7	0.003	0.09	---	---	---
01/18/93		8,798	61.5	1,915,165	50,865	2.9	100	0.04	1.27	13.0	0.004	0.10	---	---	---
02/22/93		9,607	0.0	2,096,930	181,765	3.7	480	0.44	1.71	36.0	0.037	0.13	---	---	---
03/15/93		10,113	0.0	2,205,833	108,903	3.6	310	0.36	2.07	29.0	0.030	0.16	---	---	---
04/09/93		10,517	32.8	2,298,770	92,937	3.8	140	0.17	2.25	11.0	0.015	0.18	---	---	---
05/13/93		11,211	14.9	2,449,160	150,390	3.6	530	0.42	2.67	27.0	0.024	0.20	---	---	---
06/04/93		11,734	1.0	2,543,500	94,340	3.0	170	0.28	2.94	5.2	0.013	0.21	---	---	---
07/20/93		12,573	24.0	2,689,697	146,197	2.9	200	0.23	3.17	12.0	0.010	0.22	---	---	---
08/16/93		13,219	0.3	2,791,366	101,669	2.6	150	0.15	3.32	4.9	0.007	0.23	---	---	---
09/13/93		13,888	0.4	2,884,736	93,370	2.3	80	0.09	3.41	2.2	0.003	0.23	---	---	---
10/08/93		14,485	0.5	2,951,737	67,001	1.9	ND	0.02	3.43	ND	0.001	0.24	---	---	---
11/19/93		15,494	0.0	3,036,032	84,295	1.4	ND	0.00	3.43	ND	0.000	0.24	---	---	---
12/21/93		16,260	0.3	3,113,565	77,533	1.7	73	0.02	3.45	3.5	0.001	0.24	---	---	---
01/18/94		16,939	0.0	3,190,900	77,335	1.9	60	0.04	3.49	3.1	0.002	0.24	---	---	---
02/17/94		17,658	0.0	3,273,720	82,820	1.9	ND	0.02	3.51	2.5	0.002	0.24	---	---	---
03/15/94		18,235	7.5	3,344,249	70,529	2.0	ND	0.00	3.51	ND	0.001	0.24	---	---	---
04/21/94		18,849	30.8	3,418,537	74,288	2.0	110	0.03	3.55	7.8	0.002	0.24	---	---	---
05/13/94		19,351	5.1	3,478,910	60,373	2.0	230	0.09	3.63	8.3	0.004	0.25	---	---	---
06/14/94	a	19,680	57.1	3,518,608	39,698	2.0	230	0.08	3.71	12.0	0.003	0.25	---	---	---
07/14/94	b	20,145	35.4	3,574,408	55,800	2.0	270	0.12	3.83	6.9	0.004	0.26	---	---	---
08/17/94	c	20,920	5.0	51,260	91,580	2.0	ND	0.10	3.93	1.8	0.003	0.26	---	---	---
09/12/94		21,549	0.0	120,910	69,650	1.8	ND	0.00	3.93	ND	0.001	0.26	---	---	---

Table 5

Groundwater Extraction System Performance Data

ARCO Service Station #0608

17601 Hesperian Boulevard at Hacienda Avenue

San Lorenzo, California

							GRO/TPH-g			Benzene			MTBE		
Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	Average Flow (gpm)	Influent Concen-tration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concen-tration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concen-tration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)
10/18/94		22,408	0.5	211,880	90,970	1.8	ND	0.00	3.93	ND	0.000	0.26	---	---	---
11/15/94		23,080	0.0	280,840	68,960	1.7	ND	0.00	3.93	0.7	0.000	0.26	---	---	---
12/05/94		23,489	14.8	325,830	44,990	1.8	470	0.09	4.02	32.0	0.006	0.27	---	---	---
01/04/95		24,205	0.6	408,740	82,910	1.9	ND	0.16	4.18	1.1	0.011	0.28	---	---	---
02/06/95		24,926	9.0	499,690	90,950	2.1	100	0.04	4.22	2.4	0.001	0.28	---	---	---
03/02/95		25,465	6.4	569,180	69,490	2.1	ND	0.03	4.25	ND	0.001	0.28	---	---	---
04/04/95		26,253	0.5	672,510	103,330	2.2	290	0.12	4.37	6.6	0.003	0.28	---	---	---
05/02/95		26,924	0.1	760,350	87,840	2.2	240	0.19	4.57	7.1	0.005	0.29	---	---	---
06/05/95		27,721	2.4	848,810	88,460	1.9	ND	0.09	4.65	ND	0.003	0.29	---	---	---
07/06/95		28,464	0.1	921,260	72,450	1.6	270	0.08	4.74	2.4	0.001	0.29	---	---	---
08/21/95	d	29,568	0.0	993,320	72,060	1.1	230	0.15	4.89	1.8	0.001	0.29	---	---	---
06/05/00	e	29,592	---	976,600	---	---	700	---	4.89	7.2	---	0.29	361.0	---	0.000
06/05/00		29,593	0.0	979,800	3,200	2.1	700	0.02	4.91	7.2	0.000	0.29	361.0	0.01	0.010
07/08/00		30,352	4.2	1,131,560	151,760	3.3	133	0.53	5.43	5.1	0.008	0.30	272.0	0.40	0.410
08/07/00		30,955	16.3	1,228,240	96,680	2.7	144	0.11	5.54	2.8	0.003	0.30	126.0	0.16	0.570
09/08/00		31,528	25.4	1,306,300	78,060	2.3	261	0.13	5.68	2.7	0.002	0.30	120.0	0.08	0.651
10/10/00		32,230	8.6	1,393,820	87,520	2.1	114	0.14	5.81	ND	0.001	0.31	ND	0.04	0.694
11/07/00		32,880	3.3	1,472,930	79,110	2.0	128	0.08	5.89	ND	0.000	0.31	98.6	0.03	0.727
12/05/00		33,516	5.4	1,548,840	75,910	2.0	167	0.09	5.99	0.8	0.000	0.31	104.0	0.06	0.791
01/04/01		33,924	43.3	1,595,340	46,500	1.9	ND	0.03	6.02	ND	0.000	0.31	86.8	0.04	0.828
02/06/01		34,556	20.2	1,672,330	76,990	2.0	203	0.07	6.08	0.6	0.000	0.31	80.5	0.05	0.882
03/08/01		34,776	69.5	1,698,860	26,530	2.0	219	0.05	6.13	ND	0.000	0.31	81.0	0.02	0.899
03/24/01	†	35,088	18.7	1,741,170	42,310	2.3	---	0.07	6.20	---	0.000	0.31	---	0.03	0.928
04/18/01		35,335	59.0	1,770,860	29,690	2.0	75	0.04	6.24	ND	0.000	0.31	97.5	0.02	0.950
05/04/01		35,716	0.0	1,812,690	41,830	1.8	63	0.02	6.26	ND	0.000	0.31	93.2	0.03	0.983
06/09/01		36,345	27.1	1,879,710	67,020	1.8	64	0.04	6.30	ND	0.000	0.31	71.0	0.05	1.029
07/05/01	f	36,469	80.1	1,897,180	17,470	2.3	100	0.01	6.31	ND	0.000	0.31	430.0	0.04	1.066
08/14/01	f	36,822	63.3	1,928,510	31,330	1.5	290	0.05	6.36	2.2	0.000	0.31	870.0	0.17	1.235
09/05/01		37,219	24.8	1,977,050	48,540	2.0	<100	0.06	6.42	<1.0	0.000	0.31	340.0	0.24	1.480
10/05/01		37,932	0.0	2,040,950	63,900	1.5	ND	0.00	6.42	ND	0.000	0.31	150.0	0.13	1.611
11/13/01		38,820	0.0	2,119,670	78,720	1.5	ND	0.00	6.42	ND	0.000	0.31	92.0	0.08	1.690
12/11/01		39,496	0.0	2,186,530	66,860	1.6	65	0.02	6.44	ND	0.000	0.31	83.0	0.05	1.739
01/04/02		40,063	0.0	2,248,700	62,170	1.8	<50	0.02	6.46	ND	0.000	0.31	140.0	0.06	1.797
02/05/02		40,830	0.2	2,333,090	84,390	1.8	100	0.04	6.49	ND	0.000	0.31	190.0	0.12	1.913
03/05/02		40,968	79.4	2,353,460	20,370	2.5	150	0.02	6.51	<1.2	0.000	0.31	350.0	0.05	1.959
04/08/02		41,735	6.0	2,448,360	94,900	2.1	400	0.22	6.73	9.6	0.004	0.31	260.0	0.24	2.200
05/16/02		42,642	0.6	2,499,320	50,960	0.9	310	0.15	6.88	<1.0	0.002	0.31	330.0	0.13	2.325
05/31/02		42,832	47.2	2,503,380	4,060	0.4	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325

Table 5

Groundwater Extraction System Performance Data

ARCO Service Station #0608

17601 Hesperian Boulevard at Hacienda Avenue

San Lorenzo, California

Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	Average Flow (gpm)	GRO/TPH-g Influent Concen-tration (µg/L)	GRO/TPH-g Net Removed (pounds)	GRO/TPH-g Removed To Date (pounds)	Benzene Influent Concen-tration (µg/L)	Benzene Net Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Influent Concen-tration (µg/L)	MTBE Net Removed (pounds)	MTBE Removed To Date (pounds)
08/19/02	g	44,925	---	2,520,289	16,909	0.1	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325
10/03/02	g	44,956	---	2,520,582	293	0.2	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325
10/07/02	g	44,956	---	2,522,394	1,812	---	160	0.00	6.89	<1.0	0.000	0.31	130.0	0.00	2.329
11/07/02	h	0	---	2,527,925	5,531	---	250	0.01	6.89	<1.0	0.000	0.31	210.0	0.01	2.337
12/05/02		479	28.7	2,528,113	188	0.0	220	0.00	6.89	<1.0	0.000	0.31	110.0	0.00	2.337
01/03/03		1,174	0.1	2,591,359	63,246	1.5	170	0.10	7.00	<1.0	0.000	0.31	140.0	0.07	2.403
02/13/03		2,156	0.2	2,692,710	101,351	1.7	<250	0.07	7.07	<2.5	0.000	0.31	66.0	0.09	2.490
03/27/03		3,165	0.0	2,790,668	97,958	1.6	110	0.04	7.11	<0.50	0.000	0.31	71.0	0.06	2.546
04/24/03		4,172	0.0	2,865,050	74,382	1.2	120	0.07	7.19	<0.50	0.000	0.31	56.0	0.04	2.585
05/30/03		4,459	66.7	2,931,190	66,140	3.8	20	0.04	7.22	<5.0	0.000	0.31	<50	0.00	2.585
06/19/03		4,940	0.0	2,971,985	40,795	1.4	160	0.03	7.25	<5.0	0.000	0.31	46.0	0.01	2.593
07/24/03		5,331	86.3	2,972,362	181,694	1.4	51	0.12	7.38	<0.50	0.000	0.31	41.0	0.08	2.678
08/28/03		6,165	0.8	3,040,900	68,538	1.4	<50	0.01	7.39	<0.50	0.000	0.31	30.0	0.02	2.698
09/25/03		6,838	0.0	3,095,020	54,120	1.3	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.01	2.711
10/23/03		7,512	0.0	3,149,200	177,215	1.1	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.04	2.753
11/20/03		8,182	0.3	3,204,612	55,412	1.4	<50	0.00	7.39	<0.50	0.000	0.31	22.0	0.01	2.764
12/18/03		8,851	1.1	3,264,487	30,531	1.5	52	0.01	7.40	<0.50	0.000	0.31	27.0	0.00	2.770
01/08/04		9,356	1.0	3,312,485	47,998	1.6	--	0.00	7.40	--	0.000	0.31	--	0.00	2.770
01/22/04		9,690	0.7	3,344,994	32,509	1.6	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.00	2.774
02/19/04		10,357	1.6	3,410,457	32,947	1.7	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.00	2.781
03/18/04		11,030	0.0	3,480,800	70,343	1.7	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.02	2.796
04/07/04		11,509	0.2	3,524,179	43,379	1.5	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.01	2.806
04/22/04		11,869	0.0	3,552,144	27,965	1.3	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.811
05/19/04		12,522	0.0	3,607,015	54,871	1.4	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.819
06/16/04		13,198	0.0	3,664,594	57,579	1.4	63	0.02	7.41	<0.50	0.000	0.31	20.0	0.01	2.829
07/22/04		14,050	1.4	3,736,245	71,651	1.4	<50	0.02	7.43	<0.50	0.000	0.31	15.0	0.01	2.839
08/26/04		14,890	0.0	3,803,030	66,785	1.3	<50	0.00	7.43	<0.50	0.000	0.31	23.0	0.01	2.850
09/16/04		15,394	0.0	3,832,211	29,181	1.0	<50	0.00	7.43	<0.50	0.000	0.31	18.0	0.00	2.855
10/21/04		16,235	0.0	3,891,299	59,088	1.2	<50	0.00	7.43	<0.50	0.000	0.31	17.0	0.01	2.863
11/18/04		16,908	0.0	3,942,990	51,691	1.3	<50	0.00	7.43	<0.50	0.000	0.31	14.0	0.01	2.870
12/16/04		17,579	0.2	3,994,185	51,195	1.3	<50	0.00	7.43	<0.50	0.000	0.31	15.0	0.01	2.876
01/19/05		18,396	0.0	4,063,710	69,525	1.4	84	0.02	7.46	<0.50	0.000	0.31	19	0.01	2.886
02/16/05	i	19,068	0.0	4,117,922	54,212	1.3	<50	0.02	7.48	<0.50	0.000	0.31	29	0.01	2.897
03/16/05	i	19,741	0.0	4,175,364	57,442	1.4	56	0.01	7.49	<0.50	0.000	0.31	21	0.01	2.909
04/20/05		20,578	0.3	4,244,807	69,443	1.4	<50	0.02	7.50	<0.50	0.000	0.31	19	0.01	2.921
05/18/05		21,057	28.8	4,279,950	35,143	1.2	82	0.01	7.52	<0.50	0.000	0.31	16	0.01	2.926

Table 5

Groundwater Extraction System Performance Data

ARCO Service Station #0608

17601 Hesperian Boulevard at Hacienda Avenue

San Lorenzo, California

Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	Average Flow (gpm)	GRO/TPH-g Influent Concen-tration (µg/L)	GRO/TPH-g Net Removed (pounds)	GRO/TPH-g Removed To Date (pounds)	Benzene Influent Concen-tration (µg/L)	Benzene Net Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Influent Concen-tration (µg/L)	MTBE Net Removed (pounds)	MTBE Removed To Date (pounds)
06/15/05		21,728	0.1	4,325,824	45,874	1.1	<50	0.02	7.53	<0.50	0.000	0.31	15	0.01	2.932
07/26/05		22,468	24.8	4,369,300	43,476	1.0	<50	0.00	7.53	<0.50	0.000	0.31	13	0.01	2.937
08/25/05		23,184	0.6	4,407,082	37,782	0.9	<50	0.00	7.53	---	0.000	0.31	9.8	0.004	2.940
09/20/05		23,812	0.0	4,436,511	29,429	0.8	<50	0.00	7.53	<0.50	0.000	0.31	8.2	0.002	2.942
10/18/05		24,483	0.2	4,465,577	29,066	0.7	<50	0.00	7.53	<0.50	0.000	0.31	9.2	0.002	2.945
11/16/05		25,178	0.1	4,495,190	29,613	0.7	<50	0.00	7.53	<0.50	0.000	0.31	15	0.003	2.948
12/13/05		25,825	0.2	4,523,250	28,060	0.7	<50	0.00	7.53	<0.50	0.000	0.31	11	0.003	2.951
01/12/06		**26,546**	**0.0**	**4,562,040**	**38,790**	**0.9**	**<50**	**0.00**	**7.53**	**<0.50**	**0.000**	**0.31**	**16**	**0.004**	**2.955**
02/08/06		**27,195**	**0.0**	**4,595,860**	**33,820**	**0.9**	**60**	**0.01**	**7.54**	**<0.50**	**0.000**	**0.31**	**15**	**0.004**	**2.959**
03/06/06		**27,816**	**0.5**	**4,621,920**	**26,060**	**0.7**	**<50**	**0.00**	**7.54**	**<0.50**	**0.000**	**0.31**	**16**	**0.003**	**2.963**
REPORTING PERIOD:					**12/13/05 to 3/6/06**										
CUMULATIVE GALLONS EXTRACTED:					**8,618,070**										
PERIOD GALLONS EXTRACTED:					**98,670**										
TOTAL POUNDS REMOVED:									**7.54**			**0.31**			**2.96**
TOTAL GALLONS REMOVED:									**1.24**			**0.04**			**0.48**
AVERAGE PERIOD FLOW RATE (gpm):					**0.82**										
PERIOD PERCENT OPERATIONAL:					**100.0%**										
PERIOD POUNDS REMOVED:									**0.008**			**0.000**			**0.012**
PERIOD GALLONS REMOVED:									**0.001**			**0.000**			**0.002**

Table 5
Groundwater Extraction System Performance Data
Atlantic Richfield Company Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

SYMBOLS AND ABBREVIATIONS:

gpm	= Gallons per minute
GRO	= Gasoline range organics, C4 to C12 range
MTBE	= Methyl tert-butyl ether
µg/L	= Micrograms per liter
ND	= Not detected at or above the laboratory reporting limit
TPH-g	= Total purgeable petroleum hydrocarbons as gasoline
---	= Not available/applicable/sampled
<	= Not detected at or above the laboratory reporting limit
†	= Assume same concentration as prior sampling event

Densities: Gasoline = 6.1 lbs/gallon; Benzene = 7.34 lbs/gallon; MTBE =6.18 lbs/gallon (MTBE not quantified prior to 6/5/00

Footnotes:
a. Totalizer broken; volume estimated from hourmeter and flow rate.
b. Volume estimated from hourmeter and instantaneous flow rate.
c. Sewer totalizer replaced July 28, 1994; volume discharged estimated at 40,320 gallons for the period between July 14 and 28, 1994 at 2.0 gpm.
d. GWE system temporarily shut down August 21, 1995.
e. GWE system restarted June 5, 2000.
f. System down during construction to main sewer line from approx. 6/25/01; restarted 8/14/01.
g. Hour meter reading not functioning.
h. Hour meter replaced.
i. Quantity of unknown hydrocarbons in sample based on gasoline.

Equations: Net Dissolved Concentration Removed [pounds] = Average influent concentration, [ug/L] x net volume (gallon) x conversion factor [µg to kg] x conversion factor [L to pounds]; (Net dissolved concentration removed is calculated by averaging influent concentrations)

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

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

Table 6
Treatment System Analytical Data
ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon)										
09/26/91	38	4.8	0.6	1.6	1.1	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
11/22/91	<30	0.52	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	370	14	0.34	14	2.4	---	---	---	---	---
03/17/92	160	18	0.32	0.56	1.6	---	---	---	---	---
04/15/92	200	11	<0.30	7.3	0.77	---	---	---	---	---
05/14/92	45	1.4	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	97	25	<0.50	8.5	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	96	7.7	13	0.56	9.7	---	---	---	---	---
01/18/93	100	13	6.6	1.1	11	---	---	---	---	---
02/22/93	480	36	29	4.9	96	---	---	---	---	---
03/15/93	310	29	14	4.9	55	---	---	---	---	---
04/09/93	140	11	2.8	2.6	17	---	---	---	---	---
05/13/93	530	27	12	18	96	---	---	---	---	---
06/04/93	170	5.2	1.6	2.5	23	---	---	---	---	---
07/20/93	200	12	0.91	8.2	29	---	---	---	---	---
08/16/93	150	4.9	0.63	2.9	15	---	---	---	---	---
09/13/93	80	2.2	<0.50	<0.50	4.8	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	73	3.5	<0.50	1.9	8.4	---	---	---	---	---
01/18/94	60	3.1	<0.50	3.2	4.3	---	---	---	---	---
02/17/94	<50	2.5	<0.50	2.1	3.1	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	110	7.8	<1.0	9.6	<1.0	---	---	---	---	---
05/13/94	230	8.3	<0.50	14	6	---	---	---	---	---
06/14/94	230	12	<0.50	16	1.5	---	---	---	---	---
07/14/94	270	6.9	<0.50	15	1.9	---	---	---	---	---
08/18/94	<50	1.8	<0.50	1.5	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	0.66	<0.50	2.6	<0.50	---	---	---	---	---
12/05/94	470	32	0.59	29	6.2	---	---	---	---	---
01/04/95	<50	1.1	<0.50	1.4	<0.50	---	---	---	---	---
02/06/95	100	2.4	1.1	1.2	2.8	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/04/95	290	6.6	<0.50	10	1.7	---	---	---	---	---
05/02/95	240	7.1	<0.50	3.2	1.6	---	---	---	---	---
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/06/95	270	2.4	<0.50	7.6	1	---	---	---	---	---
08/21/95	230	1.8	<0.50	1.6	0.92	---	---	---	---	---
06/05/00	700	7.24	<1.0	2.11	<1.0	361	---	---	---	---
07/08/00	133	5.09	0.598	<0.50	<0.50	272	---	---	---	---

Table 6
Treatment System Analytical Data
ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon) (continued)										
08/10/00	144	2.8	<0.50	1.04	<0.50	126	---	---	---	---
09/08/00	261	2.74	0.826	0.626	<0.50	120	---	---	---	---
10/10/00	114	<0.50	1.68	0.843	<0.50	<2.5	---	---	---	---
11/07/00	128	<0.50	<0.50	<0.50	<0.50	98.6	---	---	---	---
12/05/00	167	0.775	<0.50	<0.50	<0.50	104	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	86.8	---	---	---	---
02/06/01	203	0.572	<0.50	0.513	<0.50	80.5	---	---	---	---
03/08/01	219	<0.50	6.16	1.21	0.682	81	---	---	---	---
04/18/01	74.5	<0.50	<0.50	<0.50	<0.50	97.5	---	---	---	---
05/04/01	63.3	<0.50	<0.50	<0.50	<0.50	93.2	---	---	---	---
06/09/01	64	<0.50	<0.50	<0.50	<0.50	71	---	---	---	---
07/05/01	100	<0.50	2.5	<0.50	<0.50	430	---	---	---	---
08/14/01	290	2.2	3.5	<1.0	<1.0	870	---	---	---	---
09/05/01	<100	<1.0	<1.0	<1.0	<1.0	340	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	150	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	92	---	---	---	---
12/11/01	65	<0.50	0.58	<0.50	<0.50	83	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	140	---	---	---	---
02/05/02	100	<0.50	<0.50	<0.50	<0.50	190	---	---	---	---
03/05/02	150	<1.2	<1.2	<1.2	<1.2	350	---	---	---	---
04/08/02	400	9.6	<1.0	1.4	<1.0	260	---	---	---	---
05/16/02	310	<1.0	<1.0	<1.0	<1.0	330	---	---	---	---
10/07/02	160	4.1	<1.0	<1.0	<1.0	130	---	---	---	---
11/07/02	250	<0.50	10	0.7	0.77	210	---	---	---	---
12/05/02	220	<1.0	<1.0	<1.0	<1.0	110	---	---	---	---
01/03/03	170	<1.0	<1.0	<1.0	<1.0	140	---	---	---	---
2/13/03[1]	<250	<2.5	<2.5	<2.5	<2.5	66	---	---	---	---
3/27/03[1]	110	<0.50	<0.50	<0.50	<0.50	71	---	---	---	---
4/24/03[1]	120	<0.50	<0.50	<0.50	<0.50	56	---	---	---	---
5/30/03[1]	20	<0.50	<0.50	<0.50	<0.50	<50	---	---	---	---
06/19/03	160	<0.50	<0.50	<0.50	<0.50	46	---	---	---	---
07/24/03	51	<0.50	<0.50	<0.50	<0.50	41 (47)[2]	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	30 (40)[2]	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	28	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	28 (28)[2]	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	22	---	---	---	---
12/18/03	52	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	25	---	---	---	---
03/18/04	<50	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	25	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
06/16/04	63	<0.50	<0.50	<0.50	<1.0	20	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	23	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	18	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	17	---	---	---	---

Table 6
Treatment System Analytical Data
ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon) (continued)										
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	14	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
01/19/05	84	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
02/16/05	<50 [3]	<0.50	<0.50	<0.50	<1.0	29	---	---	---	---
03/16/05	56 [3]	<0.50	<0.50	<0.50	<1.0	21	---	---	---	---
04/20/05	<50 [3]	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
05/18/05	82 [3]	<0.50	<0.50	<0.50	<1.0	16	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	13	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	9.8	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	8.2	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	9.2	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	11	---	---	---	---
01/12/06	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**16**	**---**	**---**	**---**	**---**
02/08/06	**60**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**15**	**---**	**---**	**---**	**---**
03/06/06	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**16**	**---**	**---**	**---**	**---**
MID-1 (between primary and secondary carbons)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	---	---	---	---	---	---	---	---	---	---
08/18/92	---	---	---	---	---	---	---	---	---	---
09/15/92	---	---	---	---	---	---	---	---	---	---
10/16/92	---	---	---	---	---	---	---	---	---	---
11/18/92	---	---	---	---	---	---	---	---	---	---
12/17/92	---	---	---	---	---	---	---	---	---	---
01/18/93	---	---	---	---	---	---	---	---	---	---
02/22/93	---	---	---	---	---	---	---	---	---	---
03/15/93	---	---	---	---	---	---	---	---	---	---
04/09/93	---	---	---	---	---	---	---	---	---	---
05/13/93	---	---	---	---	---	---	---	---	---	---
06/04/93	---	---	---	---	---	---	---	---	---	---
07/14/94	ND	ND	ND	ND	ND	---	---	---	---	---
08/17/94	---	---	---	---	---	---	---	---	---	---
09/12/94	---	---	---	---	---	---	---	---	---	---
10/18/94	---	---	---	---	---	---	---	---	---	---
11/05/94	---	---	---	---	---	---	---	---	---	---
12/05/94	---	---	---	---	---	---	---	---	---	---
01/04/95	---	---	---	---	---	---	---	---	---	---
02/06/95	---	---	---	---	---	---	---	---	---	---
03/02/95	---	---	---	---	---	---	---	---	---	---

Table 6
Treatment System Analytical Data
ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons) (continued)										
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	5.7	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	9	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	26	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	17	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	39	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	58	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	55	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	100	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	51	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	66	---	---	---	---
2/13/03[1]	<250	<2.5	<2.5	<2.5	<2.5	130	---	---	---	---
3/27/03[1]	<250	<2.5	<2.5	<2.5	<2.5	120	---	---	---	---
4/24/03[1]	280	<2.5	<2.5	<2.5	<2.5	110	---	---	---	---
5/30/03[1]	<250	<2.5	<2.5	<2.5	<2.5	140	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (1.3)[2]	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	1.1	---	---	---	---
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	1.2	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.3	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	1.2	---	---	---	---
03/18/04	67	<0.50	<0.50	<0.50	<1.0	1.4	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	1.5	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.3	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	2.0	---	---	---	---
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	1.8	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.6	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---

Table 6
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ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons) (continued)										
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	2.0	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	1.5	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	1.9	---	---	---	---
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
02/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.9	---	---	---	---
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
04/20/05	<50 [3]	<0.50	<0.50	<0.50	<1.0	2.4	---	---	---	---
05/18/05	58 [3]	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	3.2	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/12/06	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**---**	**---**	**---**	**---**
02/08/06	**55**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**---**	**---**	**---**	**---**
03/06/06	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**---**	**---**	**---**	**---**
MID-2 (between secondary and tertiary carbons)										
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	---	---	---	---	---	---	---	---	---	---
09/08/00	---	---	---	---	---	---	---	---	---	---
10/10/00	---	---	---	---	---	---	---	---	---	---
11/07/00	---	---	---	---	---	---	---	---	---	---
12/05/00	---	---	---	---	---	---	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
2/13/03[1]	<50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
3/27/03[1]	<50	<0.50	<0.50	<0.50	<0.50	0.94	---	---	---	---

Table 6
Treatment System Analytical Data
ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-2 (between secondary and tertiary carbons) continued										
4/24/03[1]	<50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---
5/30/03[1]	<50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5)[2]	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/18/04	86	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/20/05	<50[3]	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	3.2	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
01/12/06	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**1.6**	**---**	**---**	**---**	**---**
02/08/06	**66**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**3.3**	**---**	**---**	**---**	**---**
03/06/06	**<50**	**<0.50[5]**	**<0.50**	**<0.50**	**<0.50**	**3**	**---**	**---**	**---**	**---**
EFFL (effluent to sewer)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
11/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---

Table 6
Treatment System Analytical Data
ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (continued)										
07/14/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/22/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/09/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/04/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/20/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/16/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/04/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/06/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/04/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/06/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/21/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	7.19	---
06/12/00	<50	---	---	---	---	---	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	32.1	<10	7.08	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	23.4	<10	6.67	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	29.2	<10	6.82	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.25	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.24	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	44	<10	7.48	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.00	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	10.7	7.03	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.04	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	28.5	<10	7.06	---

Table 6
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ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (continued)										
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.31	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.05	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.10	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	14	7.09	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	70	<10	7.07	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	55	<10	6.89	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	150	<10	6.98	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.01	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	52	<10	7.22	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.91	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.77	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.52	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.60	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	0.74	<2.5	<30	<10	7.80	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.0	<30	<10	7.40	0.27
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<30	<10	7.50	---
2/13/03[1]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.15	0.12
3/27/03[1]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	32	<10	7.50	0.08
4/24/03[1]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.95	10.23
5/30/03[1]	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.95	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.02	9.75
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.07	3.00
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.03	2.12
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.79	2.70
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5)[2]	<20	<10	6.82	3.45
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.94	0.84
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.01	0.94
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.12	0.85
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	10	6.57	3.82
03/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.08	0.97
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	27	<10	6.69	1.64
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	20	13	6.50	1.40
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.79	0.75
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.81	1.09
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	19	7.20	1.20
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	7.20	1.20
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.89	2.60
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	14	6.95	0.34
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.92	2.00
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.78	1.26
02/16/05	<50[3]	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.61	2.01
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.48	0.75
04/20/05	<50[3]	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.66	0.67
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.56	1.75
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.78	1.24
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.82	1.03
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.91	1.07

Table 6
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ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.86	2.33
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.61	2.35
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.59	36.6 [4]
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	7.3	2.93
01/12/06	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<20**	**7.2**	**15.0** [4]
02/08/06	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<10**	**<20**	**6.82**	**3.02**
03/06/06	**<50**	**<0.50** [5]	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<30**	**<10**	**6.87**	**1.12**

Table 6

Treatment System Analytical Data

ARCO Service Station #0608

17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

SYMBOLS AND ABBREVIATIONS:

---	=Not applicable/available/sampled
<	=Not detected at or above the laboratory reporting limit.
COD	=Chemical oxygen demand
DO	=Dissolved Oxygen, field measurement
GRO	=Gasoline Range Organics
µg/L	=Micrograms per liter
mg/L	=Milligrams per liter
MTBE	=Methyl tert-Butyl Ether
ND	=Not detected at or above the laboratory reporting limit
TPH-g	=Total purgeable petroleum hydrocarbons as gasoline
TSS	=Total suspended solids

FOOTNOTES:

1 = Analyzed with EPA Method 8260

2 = MTBE concentration analyzed by EPA methods 8021B and 8260B (Results of EPA Method 8260 shown in parenthesis).

3 = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

4 = Value appears to be anomalous.

5 = Possible high bias due to CCV falling outside acceptance criteria

NOTES:

GRO/BTEX/MtBE analyzed using EPA Method 8260B beginning February 19, 2004.

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

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

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

WELL GAUGING DATA

Project # ~~46634~~ 060322-SP1 Date 03/20/06 Client 060X

Site 17601 Hesperian Blvd San Lorenzo

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or ~~TOC~~	
MW-5	4					10.04	13.68		S
MW-8	3					8.65	20.96		S
MW-9	3					8.23	18.27		60
MW-10	3					8.17	22.43		S
MW-11	3					9.04	18.86		60
E-1A	6	* sensed w/ pump in well				13.55	—		S
MW-14	3					7.51	23.11		60
MW-15	3					8.72	23.23		S
MW-16	3					~~8.73~~ 9.25	~~23.27~~ 23.12		60
MW-17	3					8.54	21.54		60
MW-21	3					8.26	21.52		60
MW-22	3					8.89	21.49		60
MW-23	3					9.81	21.74		60
MW-25	2					9.71	19.51		S
MW-26	2					10.06	19.59		60
642H		Did not sample, pump not operating					—		S
17372VM		Did not sample, pump not operating					—	✓	S

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060320-JD1	Station # 0608
Sampler: JD	Date: 03/20/06
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 13.68	Depth to Water: 10.04
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

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

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

Top of Screen: ____

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

2.4 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 7.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or ~~µS~~)	Gals. Removed	Observations
1218	15.5	7.0	828	2.4	
1221	15.8	7.0	854	4.8	
1224	15.2	7.1	843	7.2	

Did well dewater? Yes (No) Gallons actually evacuated: 7.2

Sampling Time: 1229 Sampling Date: 03/20/06

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

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

). (if req'd):	Pre-purge:	mg/L	Post-purge:	0.8 mg/L
(if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060320-SD-1	Station # 0608
Sampler: SD	Date: 03/20/06
Well I.D.: MW-8	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 20.96	Depth to Water: 8.65
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

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

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

Top of Screen: ____

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

12.3 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 36.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or ~~uS~~)	Gals. Removed	Observations
1138	17.6	7.1	908	12.3	
1151	17.7	7.1	902	24.6	
1202	17.7	7.1	906	36.9	

Did well dewater? Yes (No) Gallons actually evacuated: 36.9

Sampling Time: 1210 Sampling Date: 03/20/06

Sample I.D.: ~~MW-8~~ MW-8 Laboratory: Pace (Sequoia) Other ____

Analyzed for: (GRO) (BTEX) MTBE DRO ~~Oxys~~ (1,2-DCA) (EDB) (Ethanol) Other:

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.08	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060320-SJ1	Station # 0608
Sampler: SJ	Date: 03/20/06
Well I.D.: MW-10	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 22.43	Depth to Water: 8.17
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.

5.3 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 15.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1055	17.0	6.9	771	5.3	
1100	17.3	6.9	771	10.6	
1105	17.5	6.9	768	15.9	

Did well dewater? Yes (No) Gallons actually evacuated: 15.9

Sampling Time: 1110 Sampling Date: 03/20/06

Sample I.D.: MW-10 Laboratory: Pace (Sequoia) Other _____

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge):	1.1 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060320-JD1	Station # 0608
Sampler: JD	Date: ~~06~~ 03/20/06
Well I.D.: MW-1S	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 23.23	Depth to Water: 8.72
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.

5.4 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 16.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1030	16.0	7.1	940	5.4	
1035	16.1	7.3	916	10.8	
1040	16.2	7.3	904	16.2	

Did well dewater? Yes (No) Gallons actually evacuated: 16.2

Sampling Time: 1045 Sampling Date: 03/20/06

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

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

D.O. (if req'd):	Pre-purge:	mg/L	~~Post-purge:~~	3.1	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060320-SD-1	Station # 060X
Sampler: SD	Date: 03/20/06
Well I.D.: MW-2S	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 18.51	Depth to Water: 9.71
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.

1.4 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 4.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or ~~µS~~)	Gals. Removed	Observations
1244	15.6	7.0	930	1.4	
1246	17.0	6.9	@ 930	2.8	
1248	17.4	6.9	930	4.2	

Did well dewater? Yes (No) Gallons actually evacuated: 4.2

Sampling Time: 1255 Sampling Date: 03/20/06

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

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

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060320-JD1	Station # 0608
Sampler: JD	Date: 03/20/06
Well I.D.: 642H	Well Diameter: 2 3 4 6 8 ____
Total Well Depth: —	Depth to Water: —
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
0945		Pump not working, no sample taken			

Did well dewater? Yes / No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 03/20/06	
Sample I.D.: 642H		Laboratory: Pace / (Sequoia) / Other_____	
Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol		Other:	
D.O. (if req'd):	Pre-purge: ____ mg/L	Post-purge: ____ mg/L	
O.R.P. (if req'd):	Pre-purge: ____ mV	Post-purge: ____ mV	

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060320-SJ1	Station # 0608
Sampler: JD	Date: 03/20/06
Well I.D.: 17372 VM	Well Diameter: 2 3 4 6 8 ___
Total Well Depth: —	Depth to Water: —
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
		Did	not sample,	pump not	operating per PC

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 060320-SD1	Station # 608
Sampler: SD	Date: 03/20/06
Well I.D.: E-1A	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: ____	Depth to Water: 13.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

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

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

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

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	System not running. No sample taken				

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

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

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

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

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

060V

Station #

17601 Hesperian Blvd San Lorenzo

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

80

added equip. rinse water 5

any other adjustments 0

TOTAL GALS. RECOVERED 85

loaded onto BTS vehicle # _____

BTS event # 060320-JD1

time 1330

date 03/20/06

signature _____

* *

REC'D AT _____

time _____

date __/__/__

unloaded by signature _____

ATTACHMENT B

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

LABORATORY PROCEDURES

Laboratory Procedures

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

Sequoia Analytical

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

8 April, 2006

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MPC0829

Enclosed are the results of analyses for samples received by the laboratory on 03/20/06 18:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

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

Sequoia Analytical

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

URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0829
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/08/06 13:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	MPC0829-01	Water	03/20/06 12:29	03/20/06 18:20
MW-8	MPC0829-02	Water	03/20/06 12:10	03/20/06 18:20
MW-10	MPC0829-03	Water	03/20/06 11:10	03/20/06 18:20
MW-15	MPC0829-04	Water	03/20/06 10:45	03/20/06 18:20
MW-25	MPC0829-05	Water	03/20/06 12:55	03/20/06 18:20
TB-0608-03202006	MPC0829-06	Water	03/20/06 00:00	03/20/06 18:20

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

These samples were received with no custody seals.

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.

Sequoia Analytical

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

URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0829
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/08/06 13:44

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MPC0829-01) Water Sampled: 03/20/06 12:29 Received: 03/20/06 18:20									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6D01004	04/01/06	04/01/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**3.8**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*80-135*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*85-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94 %*	*60-115*		"	"	"	"	
MW-8 (MPC0829-02) Water Sampled: 03/20/06 12:10 Received: 03/20/06 18:20									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6D01004	04/01/06	04/01/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.60**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*80-135*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*85-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 %*	*60-115*		"	"	"	"	

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Sequoia Analytical

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0829
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/08/06 13:44

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MPC0829-03) Water Sampled: 03/20/06 11:10 Received: 03/20/06 18:20									
tert-Amyl methyl ether	**0.85**	0.50	ug/l	1	6D01004	04/01/06	04/01/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	**72**	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**34**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**270**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96 %*	*80-135*		"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*85-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*113 %*	*60-115*		"	"	"	"	
MW-15 (MPC0829-04) Water Sampled: 03/20/06 10:45 Received: 03/20/06 18:20									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6D01004	04/01/06	04/01/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**15**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*89 %*	*80-135*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*85-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*60-115*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0829
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/08/06 13:44

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-25 (MPC0829-05) Water	**Sampled: 03/20/06 12:55**	**Received: 03/20/06 18:20**							
tert-Amyl methyl ether	**2.4**	0.50	ug/l	1	6D01004	04/01/06	04/01/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**5.4**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96 %*	*80-135*		"	"	"	"	
Surrogate: Toluene-d8		*99 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97 %*	*85-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91 %*	*60-115*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0829
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/08/06 13:44

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 6D01004 - EPA 5030B P/T / EPA 8260B										
Blank (6D01004-BLK1)				Prepared & Analyzed: 04/01/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	5.0	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	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	*4.99*		"	*5.00*		*100*	*60-135*			
Surrogate: Toluene-d8	*5.19*		"	*5.00*		*104*	*70-120*			
Surrogate: Dibromofluoromethane	*5.38*		"	*5.00*		*108*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*4.46*		"	*5.00*		*89*	*70-120*			
Laboratory Control Sample (6D01004-BS1)				Prepared & Analyzed: 04/01/06						
tert-Amyl methyl ether	15.6	0.50	ug/l	16.3		96	80-115			
Benzene	5.68	0.50	"	5.04		113	65-115			
tert-Butyl alcohol	144	5.0	"	169		85	75-150			
Di-isopropyl ether	16.6	0.50	"	16.2		102	75-125			
1,2-Dibromoethane (EDB)	17.1	0.50	"	16.6		103	85-120			
1,2-Dichloroethane	16.7	0.50	"	15.5		108	85-130			
Ethanol	172	100	"	165		104	70-135			
Ethyl tert-butyl ether	16.7	0.50	"	16.4		102	75-130			
Ethylbenzene	7.56	0.50	"	7.28		104	75-135			
Methyl tert-butyl ether	6.51	0.50	"	7.84		83	65-125			
Toluene	36.5	0.50	"	38.0		96	85-120			
Xylenes (total)	42.6	0.50	"	40.8		104	85-125			
Gasoline Range Organics (C4-C12)	448	50	"	440		102	60-140			
Surrogate: 1,2-Dichloroethane-d4	*4.93*		"	*5.00*		*99*	*60-135*			
Surrogate: Toluene-d8	*5.25*		"	*5.00*		*105*	*70-120*			
Surrogate: Dibromofluoromethane	*4.80*		"	*5.00*		*96*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*4.81*		"	*5.00*		*96*	*70-120*			

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1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/08/06 13:44

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 6D01004 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6D01004-MS1)	**Source: MPC0796-01RE1**			Prepared & Analyzed: 04/01/06						
tert-Amyl methyl ether	162	5.0	ug/l	163	2.2	98	80-115			
Benzene	208	5.0	"	50.4	160	95	65-115			
tert-Butyl alcohol	1800	50	"	1690	ND	107	75-120			
Di-isopropyl ether	170	5.0	"	162	ND	105	75-125			
1,2-Dibromoethane (EDB)	174	5.0	"	166	ND	105	85-120			
1,2-Dichloroethane	162	5.0	"	155	ND	105	85-130			
Ethanol	1950	1000	"	1650	ND	118	70-135			
Ethyl tert-butyl ether	172	5.0	"	164	ND	105	75-130			
Ethylbenzene	74.6	5.0	"	72.8	2.0	100	75-135			
Methyl tert-butyl ether	74.1	5.0	"	78.4	ND	95	65-125			
Toluene	403	5.0	"	380	41	95	85-120			
Xylenes (total)	1050	5.0	"	408	680	91	85-125			
Gasoline Range Organics (C4-C12)	6750	500	"	4400	2700	92	60-140			
Surrogate: 1,2-Dichloroethane-d4	*5.07*		"	*5.00*		*101*	*60-135*			
Surrogate: Toluene-d8	*5.31*		"	*5.00*		*106*	*70-120*			
Surrogate: Dibromofluoromethane	*5.18*		"	*5.00*		*104*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*4.53*		"	*5.00*		*91*	*70-120*			
Matrix Spike Dup (6D01004-MSD1)	**Source: MPC0796-01RE1**			Prepared & Analyzed: 04/01/06						
tert-Amyl methyl ether	151	5.0	ug/l	163	2.2	91	80-115	7	15	
Benzene	199	5.0	"	50.4	160	77	65-115	4	20	
tert-Butyl alcohol	1870	50	"	1690	ND	111	75-120	4	25	
Di-isopropyl ether	159	5.0	"	162	ND	98	75-125	7	15	
1,2-Dibromoethane (EDB)	170	5.0	"	166	ND	102	85-120	2	15	
1,2-Dichloroethane	153	5.0	"	155	ND	99	85-130	6	20	
Ethanol	2000	1000	"	1650	ND	121	70-135	3	35	
Ethyl tert-butyl ether	153	5.0	"	164	ND	93	75-130	12	25	
Ethylbenzene	77.1	5.0	"	72.8	2.0	103	75-135	3	15	
Methyl tert-butyl ether	73.8	5.0	"	78.4	ND	94	65-125	0.4	20	
Toluene	383	5.0	"	380	41	90	85-120	5	20	
Xylenes (total)	1090	5.0	"	408	680	100	85-125	4	20	
Gasoline Range Organics (C4-C12)	6490	500	"	4400	2700	86	60-140	4	25	
Surrogate: 1,2-Dichloroethane-d4	*4.72*		"	*5.00*		*94*	*60-135*			
Surrogate: Toluene-d8	*5.39*		"	*5.00*		*108*	*70-120*			
Surrogate: Dibromofluoromethane	*4.84*		"	*5.00*		*97*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*4.71*		"	*5.00*		*94*	*70-120*			

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0829
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/08/06 13:44

Notes and Definitions

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

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PROBLEM CHAIN-OF-CUSTODY

MPC0829

DATE/TIME 03-21-2006 @ 7:55 DATE RECEIVED 3-20-2006

CLIENT URS TURN AROUND TIME 10 Days

CLIENT SERVICES REP L. Race ANALYST Amy C

PROBLEM

1). Lable does not match with the COC.
on COC.: "MW-25"
on sample lable: "M-25"

RESOLUTION

Client Instruction* Correct ID is MW-25
see attached

Telephone Number of Client: e-mail

Client Contact for Instruction: Dennis Cope, Jon Field

Date and Time of Instruction: 3/21/06 @ 10:57

Date & Time Form Given to Sample Control: 3/21/06

CLIENT SERVICES REP. SIGNATURE:

DATE/TIME: 3/21/06

*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

Lisa Race

MPC0829

From: Donna_Cosper@URSCorp.com
Sent: Tuesday, March 21, 2006 10:57 AM
To: Lisa Race
Subject: Re: Problem COC ARCO#0608

Attachments: pic13030.gif; Problem COC.pdf

pic13030.gif (6 KB) Problem COC.pdf (70 KB)

Hi Lisa,

The correct id is MW-25.

Regards,

Donna Cosper, E.I.T.
Project Manager/Senior Engineer
URS Corporation-Oakland Office
(510) 874-3019

This e-mail and any attachments are confidential. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies.

"Lisa Race" <lrace@sequoialabs.com> 03/21/2006 08:51 AM

To <Donna_Cosper@URSCorp.com>, <Jane_Field@URSCorp.com>

cc

Subject Problem COC ARCO#0608

(Embedded image moved to file: pic13030.gif)
There is a discrepancy between sample ID and COC ID. COC is labeled MW-25 and sample is labeled M-25. Please let me know which

MPC0829

is the correct ID. Thanks

Lisa Race
Senior Project Manager
Sequoia Analytical/Test America
Tel.: 408-776-9600
Direct.: 408-782-8156
Fax: 408-782-6308
e-mail: lrace@sequoialabs.com

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(See attached file: Problem COC.pdf)

Chain of Custody Record

Project Name: Analytical for O&M and QMR Sampling

BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU > CA > Central > 608 > HistoricalBL

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

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

On-site Time: 0730	Temp: 60°
Off-site Time: 1330	Temp: 60°
Sky Conditions: Cloudy	
Meteorological Events: Rain	
Wind Speed: —	Direction: —

Lab Name: Sequoia	BP/AR Facility No.: 608	Consultant/Contractor: URS
Address: 885 Jarvis Drive	BP/AR Facility Address: 17601 Hesperian Blvd., San Lorenzo, CA 945	Address: 1333 Broadway, Suite 800
Morgan Hill, CA 95037	Site Lat/Long: 37.673888 / -122.123	Oakland, CA 94612
Lab PM: Lisa Race / Katt Min	California Global ID No.: T0600100085	Consultant/Contractor Project No.: 38487015
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G0C24-0012	Consultant/Contractor PM: Donna Cosper
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.874.3019 / 510.874.3268
Address: P.O. Box 6549	Phase/WBS: 03 - Operation and Maintenance	Report Type & QC Level: Level 1 with EDF
Moraga, CA 94570	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Donna_Cosper@urscorp.com
Tele/Fax: 925.299.8891 / 925.299.8872	Cost Element: 05 - Subcontracted Costs	Invoice to: Atlantic Richfield Company

Lab Bottle Order No: 608

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: GRO / BTEX (8260)	Requested Analysis: MTBE, TAME, ETBE, DIPE, TBA (8260)	Requested Analysis: 1,2-DCA & EDB (8260)	Requested Analysis: ETHANOL (8260)	Sample Point Lat/Long and Comments
1	MW-5	1229	3/20/06		X		01	3				X		X	X	X	X	
2	MW-8	1210	"		X		02					X		X	X	X	X	
3	MW-10	1110	"		X		03					X		X	X	X	X	
4	MW-15	1045	"		X		04					X		X	X	X	X	
5	MW-25	1255	"		X		05					X		X	X	X	X	
6	TB-0608-032006	—	3/20/06		X		06	2				X						ON HOLD
7																		
8																		
9																		
10																		

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Justin J. Dennis						
Sampler's Company: Blaine Tech Services		3/20/06	1630		3/20/06	1630
Shipment Date:		3/20/06	1651		3/20/06	1651
Shipment Method:		3/20/06	1822		3-20-06	1837
Shipment Tracking No:						

Special Instructions:

Custody Seals In Place Yes ___ No ___ Temp Blank Yes X No ___ Cooler Temperature on Receipt 2.1 °F (C) Trip Blank Yes X No ___

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

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
REC. BY (PRINT): A.C
WORKORDER: MPC0829

DATE REC'D AT LAB: 3-20-2006
TIME REC'D AT LAB: 1830
DATE LOGGED IN: 3/22/06

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*									
2. Chain-of-Custody (Present) / Absent*									
3. Traffic Reports or Packing List: Present / (Absent)									
4. Airbill: Airbill / Sticker (Present) / (Absent)									
5. Airbill #:									
6. Sample Labels: (Present) / Absent									
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody									
8. Sample Condition: (Intact) / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / (No*)									
10. Sample received within hold time? (Yes) / No*									
11. Adequate sample volume received? (Yes) / No*									
12. Proper preservatives used? (Yes) / No*									
13. (Trip Blank) / (Temp Blank) Received? (circle which, if yes) (Yes) / No*									
14. Read Temp: 3.5°C Corrected Temp: 2.5°C Is corrected temp 4 +/-2°C? (Yes) / No**									
(Acceptance range for samples requiring thermal pres.)									
**Exception (if any): METALS / DFF ON ICE or Problem COC									

SEE COC

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

ATTACHMENT C

HISTORICAL GROUNDWATER DATA TABLES

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Number		Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-6	††	03/13,14/96	33.99	9.75	24.24	1,600	30	<10	13	<10	NA	NM
		05/28,29/96		11.48	22.51	240	2.4	<0.50	<0.50	<0.50	NA	NM
		08/28/96		12.58	21.41	250	210	8.0	<1.0	<1.0	210	NM
		11/25,26/96		12.07	21.92	<500	<5.0	<5.0	<5.0	<5.0	280	NM
		03/31/97	†	12.42	21.57	<50	<0.50	<0.50	<0.50	<0.50	41	NM
		06/25/97		12.64	21.35	NS	NS	NS	NS	NS	NS	NM
		09/09,10/97		12.75	21.24	<50	<0.50	<0.50	<0.50	<0.50	19	NM
		11/24,25/97		12.60	21.39	<50	0.9	<0.50	<0.50	<0.50	23	1.4
		03/19,20/98		10.43	23.56	61	1.0	0.56	0.55	<0.50	75	1.2
		06/04/98		11.24	22.75	150	<0.30	<0.30	0.32	0.74	20	1.4
		09/21,22/98		12.45	21.54	110	0.59	<0.50	<0.50	<0.50	25	1.8
		12/14,15/98		11.85	22.14	<200	<2.0	<2.0	<2.0	<2.0	600	1.2
		03/15,16/99		11.05	22.94	50.9	<0.50	<0.50	<0.50	<0.50	211	1.0
		06/14,15/99		12.25	21.74	211	<0.50	<0.50	<0.50	<0.50	212	1.2
		09/15,16/99		12.70	21.29	139	<0.50	<0.50	<0.50	<0.50	184	2.4
		12/08,09/99		12.56	21.43	87.4	<0.50	<0.50	<0.50	<0.50	197	1.2
		03/15/00		10.10	23.89	82.4	<0.50	0.710	<0.50	0.579	906	1.2
		03/15/00	a	--	--	--	--	--	--	--	1,230	--
		06/13/00	b	12.44	21.55	96.7	<0.50	<0.50	<0.50	<0.50	551	2.0
		9/19,20/00		12.45	21.54	<50.0	<0.50	<0.50	<0.50	<0.50	51	2.2
		12/14,15/00		12.03	21.96	152.0	1.33	0.56	<0.50	<0.50	<2.50	1.0
		3/8,9/01		10.81	23.18	<50.0	<0.50	<0.50	<0.50	<0.50	73.8	1.6
		06/14/01		12.25	21.74	<50.0	<0.50	<0.50	<0.50	<0.50	47.0	1.8
		09/26/01		12.83	21.16	<50.0	<0.50	<0.50	<0.50	<0.50	270.0	2.0
		12/29/01		10.97	23.02	<50.0	<0.50	<0.50	<0.50	0.95	370.0	2.4
		03/13/02		11.46	22.53	530	<2.5	<2.5	<2.5	<2.5	1100	3.00
MW-7		03/13,15/96	34.40	9.73	24.67	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28,29/96		11.60	22.80	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28,29/96		12.63	21.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25,26/96		12.10	22.30	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97		11.72	22.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97		12.98	21.42	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97		12.25	22.15	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
		11/24,25/97		12.57	21.83	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
		03/19,20/98		10.35	24.05	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
		06/04/98		11.30	23.10	<50	<0.30	<0.30	<0.30	<0.60	<10	0.7
		09/21,22/98		12.48	21.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.4
		12/14,15/98		11.90	22.50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.2
		03/15,16/99		11.10	23.30	<50	<0.50	<0.50	<0.50	<0.50	<	0.0
		06/14,15/99		----------Removed From Gauging and Sampling Program----------								
MW-8		03/13,14/96	32.79	8.90	23.89	670	5.1	<2.0	<2.0	<2.0	NA	NM
		05/28,29/96		10.58	22.21	490	<1.0	<1.0	0.91	0.91	NA	NM
		08/28/96		11.30	21.49	680	29	2.1	3.0	2.4	80	NM
		11/25/96		10.80	21.99	620	1.2	2.6	2.9	2.0	46	NM
		03/31-04/01/97		10.76	22.03	530	<1.0	1.7	2.0	3.8	380	NM
		06/25/97		11.65	21.14	480	6.7	0.69	0.8	0.71	88	NM
		09/09,10/97		11.67	21.12	570	57	<1.0	2.1	1.7	57	2.0
		09/09,10/97	a	--	--	--	--	--	--	--	48	--
		11/24,25/97		11.50	21.29	530	3.0	1.7	1.9	1.5	26	2.0
		03/19,20/98		9.40	23.39	440	1.4	<0.50	<0.50	3.7	140	2.2
		06/03/98		10.25	22.54	360	2.2	1.2	1.8	1.0	47	0.3
		09/21,22/98		11.37	21.42	380	<2.5	<2.5	<2.5	<2.5	620	0.0
		12/14,15/98		10.80	21.99	<50	<0.50	<0.50	<0.50	<0.50	1,600	0.0
		03/15,16/99		10.00	22.79	<500	<5.0	<5.0	<5.0	<5.0	625	0.0
		06/14,15/99		11.17	21.62	166	<0.50	<0.50	<0.50	<0.50	141	NM
		09/15,16/99		11.65	21.14	<500	<5.0	<5.0	<5.0	<5.0	2,380	2.4
		12/08,09/99		11.48	21.31	213	<0.50	<0.50	<0.50	<0.50	4,160	2.8
		03/15/00		9.38	23.41	133	<0.50	3.44	<0.50	0.548	1,350	2.2
		03/15/00	a	--	--	--	--	--	--	--	1,980	--
		06/13/00	b	11.93	20.86	227	<0.50	<0.50	<0.50	<0.50	657	1.0
		9/19,20/2000		11.46	21.33	191	1.7	3.2	<0.50	1.2	160	1.0
		12/14,15/00		10.97	21.82	243	<0.50	<0.50	<0.50	<0.50	243	2.0
		3/8,9/01		9.80	22.99	144	<0.50	<0.50	<0.50	<0.50	188	3.0
		06/14/01		11.22	21.57	150	3.2	0.75	<0.50	1.0	230	3.4
		09/26/01		10.80	21.99	140	<0.50	0.58	<0.50	1.9	170	0.6
		12/29/01		9.85	22.94	<50.0	<0.50	<0.50	<0.50	<0.50	560	4.2
		03/13/02		10.30	22.49	500	<2.5	<2.5	<2.5	<2.5	1,100	2.0

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Number		Date Sampled		Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-9		03/13,15/96		32.11	7.65	24.46	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28/96			9.67	22.44	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28,29/96			10.78	21.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25/96			10.24	21.87	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			9.95	22.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			10.85	21.26	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			10.87	21.24	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
		11/24,25/97			10.70	21.41	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
		03/19,20/98			8.63	23.48	<50	<0.50	<0.50	<0.50	<0.50	58	4.8
		06/04/98			9.35	22.76	<50	<0.30	<0.30	<0.30	<0.60	<10	2.0
		09/21,22/98			10.55	21.56	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
		12/14,15/98			9.98	22.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
		03/15,16/99			9.10	23.01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.0
		06/14,15/99			10.32	21.79	<50	<0.50	<0.50	<0.50	<0.50	3.27	2.2
		09/15,16/99			10.83	21.28	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.2
		12/08,09/99			10.70	21.41	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.6
		03/15/00			8.58	23.53	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
		06/13/00	b		10.48	21.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		9/19,20/00			10.53	21.58	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		12/14,15/00			10.35	21.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
		3/8,9/01			9.05	23.06	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
		06/14/01			10.33	21.78	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
		09/26/01			10.82	21.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
		12/29/01			8.62	23.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		03/13/02			9.49	22.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
MW-10	††	03/13,14/96		31.67	7.78	23.89	870	35	<5.0	5.2	7.0	NA	NM
		05/29/96			10.00	21.67	800	<1.0	<1.0	<1.0	<1.0	NA	NM
		08/28/96			10.93	20.74	NS	NS	NS	NS	NS	NS	NM
		11/25,26/96			10.45	21.22	1,100	6.0	4.9	3.8	9.5	200	NM
		03/31/97	†		10.15	21.52	160	<0.50	<0.50	<0.50	<0.50	140	NM
		06/25/97			10.99	20.68	800	4.2	1.4	1.5	1.4	170	NM
		09/09,10/97			11.08	20.59	950	<1.2	3.3	2.5	3.7	240	2.0
		09/09,10/97	a		--	--	--	--	--	--	--	210	--
		11/24,25/97			10.85	20.82	920	5.7	6.7	<5.0	<5.0	160	2.4
		11/24,25/97			--	--	--	--	--	--	--	160	--
		03/19/98			8.78	22.89	330	1.7	<0.50	<0.50	<0.50	130	1.0
		06/04/98			9.59	22.08	680	<0.30	4.8	2.3	8.6	79	0.0
		09/21,22/98			10.77	20.90	650	<0.50	<0.50	3.5	1.3	99	0.0
		12/14/98			10.18	21.49	828	<1.0	<1.0	3.39	<1.0	152	0.4
		03/15,16/99			9.30	22.37	910	17.6	1.3	5.24	<1.0	268	0.0
		06/14,15/99			10.57	21.10	643	<0.50	0.761	1.13	1.35	232	NM
		09/15,16/99			11.03	20.64	655	<1.25	1.26	<1.25	<1.25	315	5.8
		12/08,09/99			10.88	20.79	898	5.7	1.29	<1.0	<1.0	236	5.6
		03/15/00			8.68	22.99	459	<1.0	<1.0	<1.0	<1.0	266	2.2
		03/15/00	a		--	--	--	--	--	--	--	342	--
		06/13/00	b		10.85	20.82	617	6.82	2.77	3.07	1.92	437	1.0
		9/19,20/00			10.70	20.97	527	<0.50	0.86	0.99	1.19	413	2.2
		12/14,15/00			10.35	21.32	456	10.50	1.01	0.60	<0.50	145	4.0
		3/8,9/01			9.12	22.55	509	<0.50	21.90	3.16	3.55	161	3.2
		06/14/01			10.55	21.12	710	9.20	2.60	<0.50	1.50	290	3.0
		09/26/01			10.98	20.69	580	<0.50	1.60	1.50	1.60	250	2.6
		12/29/01			9.06	22.61	410	<0.50	6.70	2.50	2.90	950	3.2
		03/13/02			9.68	21.99	680	<5.0	<5.0	<5.0	<5.0	570	3.2
MW-11		03/13,14/96		32.54	8.60	23.94	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28/96			10.55	21.99	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28/96			11.52	21.02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25/96			11.00	21.54	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			10.88	21.66	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			11.65	20.89	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			11.75	20.79	80	<0.50	<0.50	<0.50	0.65	<2.5	2.0
		11/24,25/97			11.50	21.04	<50	<0.50	<0.50	<0.50	<0.50	3.8	2.4
		03/19/98			9.43	23.11	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
		06/03/98			10.27	22.27	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.8
		09/21,22/98			11.43	21.11	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
		12/14/98			10.85	21.69	<50	<0.50	<0.50	<0.50	<0.50	<2.0	1.4
		03/15,16/99			10.05	22.49	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.2

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Number		Date Sampled		Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-11		06/14,15/99			11.25	21.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
(cont.)		09/15/99			11.68	20.86	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.4
		12/08,09/99			11.53	21.01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
		03/15/00			9.32	23.22	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.7
		06/13/00	b		11.05	21.49	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
		9/19,20/00			11.37	21.17	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		3/8,9/01			11.00	21.54	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
		3/8,9/01			9.78	22.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
		06/14/01			11.23	21.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.4
		09/26/01			11.70	20.84	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
		12/29/01			9.91	22.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
		03/13/02			10.38	22.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
E-1A	††	03/13,14/96		33.06	10.35	22.71	2,700	38	<5.0	130	6.2	NA	NM
(MW-12)		05/28,29/96			11.50	21.56	1,400	410	18	55	5.5	NA	NM
		08/28/96			11.70	21.36	NS	NS	NS	NS	NS	NS	NM
		11/25,26/96			11.18	21.88	4,300	13	<5.0	100	20	220	NM
		03/31/97	†		12.65	20.41	1,900	7.9	<2.0	62	3.5	140	NM
		06/25/97			11.82	21.24	4,900	21	<5.0	53	6.8	160	NM
		09/09,10/97			11.85	21.21	3,200	9.0	<5.0	45	<5.0	85	2.0
		09/09,10/97	a		--	--	--	--	--	--	--	70	--
		11/24,25/97			11.75	21.31	2,000	10	<2.5	42	2.8	65	1.0
		03/19,20/98			9.65	23.41	11,000	1,300	<0.50	550	380	220	6.2
		06/04/98	b		10.47	22.59	4,500	3.3	0.92	41	4.0	51	1.5
		09/21,22/98			11.60	21.46	3,300	1.7	<0.50	29	3.6	52	1.8
		12/14,15/98			11.10	21.96	3,100	21	6.7	28	<5.0	140	1.0
		03/15,16/99			10.25	22.81	3,900	24.5	<20	41.2	<20	296	1.0
		06/14,15/99			11.47	21.59	5,090	<5.0	<5.0	6.01	<5.0	234	1.4
		09/15,16/99			11.90	21.16	2,200	7.93	<5.0	10.50	<5.0	142	3.2
		12/08,09/99			11.75	21.31	1,490	6.57	1.36	9.21	<1.25	364	NM
		03/15/00			9.52	23.54	4,430	26.1	<10.0	15.3	<10.0	786	1.8
		03/15/00	a		--	--	--	--	--	--	--	908	--
		06/13/00	b		22.31	10.75	262	9.52	0.584	0.535	<0.5	534	3.4
		9/19,20/00			23.15	9.91	143	1.01	<0.50	<0.50	<0.50	76	2.8
		12/14,15/00			NA	NA	181	<0.50	<0.50	0.789	<0.50	100	1.4
		3/8,9/01			23.80	9.26	370	1.78	<0.50	0.765	<0.50	76	1.6
		06/14/01			21.10	11.96	180	<0.50	<0.50	0.54	<0.50	100	2.6
		09/26/01			19.95	13.11	<50.0	<0.50	<0.50	<0.50	<0.50	210	1.8
		12/29/01			22.40	10.66	<50.0	<0.50	<0.50	<0.50	<0.50	190	2.0
		03/13/02			21.75	11.31	200	<0.50	<0.50	<0.50	<0.50	310	3.4
MW-13		03/13,15/96		35.42	10.90	24.52	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28,29/96			12.90	22.52	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28/96			13.89	21.53	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25/96			13.41	22.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			13.11	22.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			13.98	21.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			14.09	21.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		11/24,25/97			13.90	21.52	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		03/19,20/98			11.80	23.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
		06/04/98			12.63	22.79	<50	<0.30	<0.30	<0.30	<0.60	<10	1.3
		09/21,22/98			13.77	21.65	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
		12/14,15/98			13.28	22.14	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
		03/15,16/99	b		12.48	22.94	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.2
		06/14,15/99			---------- Removed From Gauging and Sampling Program ----------								
MW-14		03/13,15/96		30.46	6.63	23.83	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28/96			8.83	21.63	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28/96			9.83	20.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25/96			9.33	21.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			9.04	21.42	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			9.94	20.52	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			10.08	20.38	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		11/24,25/97			9.78	20.68	<50	<0.50	<0.50	<0.50	<0.50	2.9	2.6
		03/19/98			7.92	22.54	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
		06/03/98			8.52	21.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.1
		09/21,22/98			9.72	20.74	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.8
		12/14/98			9.15	21.31	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.8
		03/15,16/99			8.20	22.26	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.6

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Number	Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-14	06/14,15/99		9.54	20.92	---------- Well Sampled Annually ----------						
(cont.)	09/15/99		9.98	20.48	---------- Well Sampled Annually ----------						
	12/08,09/99		9.84	20.62	---------- Well Sampled Annually ----------						
	03/15/00		7.78	22.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
	06/13/00 b		9.45	21.01	---------- Well Sampled Annually ----------						
	9/19,20/00		9.68	20.78	---------- Well Sampled Annually ----------						
	12/14,15/00		9.14	21.32	---------- Well Sampled Annually ----------						
	3/8,9/01		8.10	22.36	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	06/14/01		9.51	20.95	---------- Well Sampled Annually ----------						
	09/26/01		9.96	20.50	---------- Well Sampled Annually ----------						
	12/29/01		7.62	22.84	---------- Well Sampled Annually ----------						
	03/13/02		8.56	21.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
MW-15	03/13,15/96	31.41	8.13	23.28	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96		10.30	21.11	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		11.30	20.11	<50	<0.50	<0.50	<0.50	<0.50	5.3	NM
	11/25/96		10.83	20.58	<50	<0.50	<0.50	<0.50	<0.50	12	NM
	03/31-04/01/97		10.45	20.96	<50	<0.50	<0.50	<0.50	<0.50	7.2	NM
	06/25/97		11.39	20.02	<50	<0.50	<0.50	<0.50	<0.50	7.0	NM
	09/09,10/97		11.50	19.91	---------- Well Inaccessible ----------						
	11/24,25/97				---------- Well Inaccessible ----------						
	03/19/98		9.15	22.26	<50	<0.50	<0.50	<0.50	<0.50	5.3	2.2
	06/04/98		NM		---------- Well Inaccessible ----------						
	09/21,22/98		NM		---------- Well Inaccessible ----------						
	12/14/98		10.63	20.78	<50	<0.50	<0.50	<0.50	<0.50	48.2	1.8
	03/15,16/99		NM		---------- Well Inaccessible ----------						
	06/14,15/99		NM		---------- Well Inaccessible ----------						
	09/15, 16/99		NM		---------- Well Inaccessible ----------						
	12/08,09/99		11.28	20.13	<50	<0.5	<0.5	<0.5	<0.5	167.0	NM
	03/15/00		9.03	22.38	<50	<0.5	<0.5	<0.5	<0.5	82.1	1.5
	03/15/00 a		--	--	--	--	--	--	--	105	--
	06/13/00 b		10.96	20.45	<50	<0.5	0.703	<0.5	0.870	69.8	2.0
	9/19,20/00		11.10	20.31	<50	<0.5	<0.5	<0.5	<0.5	156.0	2.2
	12/14,15/00		NM	NA	---------- Well Inaccessible ----------						
	3/8,9/01		9.48	21.93	<50	<0.5	<0.5	<0.5	<0.5	63.8	2.6
	06/14/01		10.95	20.46	<50	<0.5	<0.5	<0.5	<0.5	26.0	3.0
	09/26/01		11.38	20.03	<50	<0.5	<0.5	<0.5	<0.5	17.0	1.2
	12/29/01		9.41	22.00	<50	<0.5	<0.5	<0.5	<0.5	30.0	2.2
	03/13/02		10.03	21.38	<50	<0.5	<0.5	<0.5	<0.5	21.0	1.2
MW-16	03/13/96	31.39	8.62	22.77	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		10.90	20.49	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		11.84	19.55	<50	<0.50	<0.50	<0.50	<0.50	89	NM
	11/25/96		11.32	20.07	<50	<0.50	<0.50	<0.50	<0.50	66	NM
	03/31-04/01/97		11.06	20.33	<50	<0.50	<0.50	<0.50	<0.50	49	NM
	06/25/97		11.92	19.47	<50	<0.50	<0.50	<0.50	<0.50	59	NM
	09/09,10/97		12.03	19.36	<50	<0.50	<0.50	<0.50	<0.50	63	3.0
	09/09,10/97 a		--	--	--	--	--	--	--	86	--
	11/24,25/97		11.76	19.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	03/19/98		9.80	21.59	<50	<0.50	<0.50	<0.50	<0.50	8.4	3.0
	06/03/98		10.55	20.84	<50	<0.50	<0.50	<0.50	<0.50	22	1.6
	09/21,22/98		11.77	19.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.2
	12/14/98		11.20	20.19	<50	<0.50	<0.50	<0.50	<0.50	25	1.0
	03/15,16/99		10.30	21.09	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.6
	06/14,15/99		11.55	19.84	<50	<0.50	<0.50	<0.50	<0.50	3.13	3.4
	09/15/99		11.99	19.40	<50	<0.50	<0.50	<0.50	<0.50	8.70	3.8
	12/08,09/99		11.80	19.59	<50	<0.50	<0.50	<0.50	<0.50	10.1	2.4
	03/15/00		9.55	21.84	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	06/13/00 b		11.64	19.75	<50	<0.50	0.517	<0.50	0.603	6.29	1.0
	9/19,20/00		11.64	19.75	<50	<0.50	<0.50	<0.50	<0.50	5.01	2.0
	12/14,15/00		11.25	20.14	<50	<0.50	<0.50	<0.50	<0.50	6.14	2.0
	3/8,9/01		10.01	21.38	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	06/14/01		11.47	19.92	<50	<0.50	<0.50	<0.50	<0.50	2.5	2.6
	09/26/01		11.93	19.46	<50	<0.50	<0.50	<0.50	<0.50	3.8	1.8
	12/29/01		9.71	21.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/13/02		10.51	20.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
MW-17			----------		---------- Well Destroyed ----------						
MW-18	03/13/96	29.70	7.53	22.17	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		9.88	19.82	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		10.82	18.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		10.18	19.52	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM

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17601 Hesperian Boulevard at Hacienda Avenue
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Well Number	Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-18	03/31-04/01/97		10.14	19.56	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
(cont.)	06/25/97		10.94	18.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		11.00	18.70	<50	<0.50	<0.50	<0.50	<0.50	<2.5	4.0
	11/24,25/97		10.65	19.05	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.4
	03/19/98		8.95	20.75	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	06/03/98		9.57	20.13	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.8
	09/21,22/98		10.80	18.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	12/14/98		10.18	19.52	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.6
	03/15,16/99		9.20	20.50	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
	06/14,15/99		10.60	19.10	---------- Well Sampled Annually ----------						
	09/15/99		10.96	18.74	---------- Well Sampled Annually ----------						
	12/08,09/99		10.79	18.91	---------- Well Sampled Annually ----------						
	03/15/00		8.80	20.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/13/00 b		10.60	19.10	---------- Well Sampled Annually ----------						
	9/19,20/00		10.63	19.07	---------- Well Sampled Annually ----------						
	12/14,15/00		10.39	19.31	---------- Well Sampled Annually ----------						
	3/8,9/01		9.03	20.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
	06/14/01		10.40	19.30	---------- Well Sampled Annually ----------						
	09/26/01		10.91	18.79	---------- Well Sampled Annually ----------						
	12/29/01		8.24	21.46	---------- Well Sampled Annually ----------						
	03/13/02		9.46	20.24	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
MW-19	03/13/96	29.02	7.06	21.96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		9.42	19.60	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		10.33	18.69	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		9.67	19.35	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		9.65	19.37	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		10.41	18.61	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		10.47	18.55	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	11/24,25/97		10.35	18.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.6
	03/19/98		8.67	20.35	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/03/98		9.15	19.87	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2
	09/21,22/98		10.28	18.74	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	12/14/98		9.70	19.32	<50	<0.50	<0.50	0.588	0.647	<2.0	2.4
	03/15,16/99	---------- Well Inaccessible ----------									
	06/14,15/99	---------- Removed From Gauging and Sampling Program ----------									
MW-20		---------- Well Destroyed ----------									
MW-21	03/13/96	28.72	7.58	21.14	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96		9.85	18.87	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		10.75	17.97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		10.00	18.72	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		10.03	18.69	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		10.83	17.89	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		10.90	17.82	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	11/24,25/97		10.50	18.22	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	03/19/98		9.08	19.64	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.08
	06/03/98		9.57	19.15	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.6
	09/21,22/98		10.75	17.97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.4
	12/14/98		10.11	18.61	<50	<0.50	<0.50	<0.50	<0.50	<2.0	0.6
	03/15,16/99		9.10	19.62	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
	06/14,15/99		10.58	18.14	---------- Well Sampled Annually ----------						
	09/15/99		10.93	17.79	---------- Well Sampled Annually ----------						
	12/08,09/99		10.70	18.02	---------- Well Sampled Annually ----------						
	03/15/00		8.95	19.77	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.3
	06/13/00 b		10.97	17.75	---------- Well Sampled Annually ----------						
	9/19,20/00		10.66	18.06	---------- Well Sampled Annually ----------						
	12/14,15/00		10.30	18.42	---------- Well Sampled Annually ----------						
	3/8,9/01		9.00	19.72	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.4
	06/14/01		10.40	18.32	---------- Well Sampled Annually ----------						
	09/26/01		10.75	17.97	---------- Well Sampled Annually ----------						
	12/29/01		7.86	20.86	---------- Well Sampled Annually ----------						
	03/13/02		9.40	19.32	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.2
MW-22	03/13/96	29.29	7.83	21.46	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		10.33	18.96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		11.28	18.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		10.61	18.68	<50	<0.50	<0.50	<0.50	<0.50	3.0	NM
	12/30/96		10.61	18.68	NA	NA	NA	NA	NA	3.3	NM
	03/31-04/01/97		10.56	18.73	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		11.51	17.78	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		11.45	17.84	<50	<0.50	<0.50	<0.50	<0.50	3.4	1.0
	11/24,25/97		11.08	18.21	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
	03/19/98		9.40	19.89	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	06/03/98		10.00	19.29	<50	<0.50	<0.50	<0.50	<0.50	0.87	3.2
	09/21,22/98		11.27	18.02	<50	<0.50	<0.50	<0.50	<0.50	2.1	2.8
	12/14/98		10.65	18.64	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.4
	03/15,16/99		9.67	19.62	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.4
	06/14,15/99		11.06	18.23	<50	<0.50	<0.50	<0.50	<0.50	5.05	1.0
	09/15/99 a		11.46	17.83	<50	<0.50	<0.50	<0.50	<0.50	49.2	1.2
	12/08,09/99		11.25	18.04	<50	<0.50	<0.50	<0.50	<0.50	17.9	1.4

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Number	Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-22	03/15/00		9.20	20.09	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.1
(cont.)	06/13/00 b		11.06	18.23	<50	<0.50	<0.50	<0.50	<0.50	6.85	1.0
	9/19,20/00		11.12	18.17	<50	<0.50	<0.50	<0.50	<0.50	3.18	1.8
	12/14,15/00		10.85	18.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	3/8,9/01		9.43	19.86	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
	06/14/01		10.98	18.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	09/26/01		11.41	17.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	12/29/01		8.78	20.51	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/13/02		9.86	19.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
MW-23	03/13/96	30.99	9.13	21.86	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		11.37	19.62	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		12.31	18.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		11.76	19.23	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		11.56	19.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		12.39	18.60	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		12.53	18.46	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	11/24,25/97		12.13	18.86	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	03/19/98		10.22	20.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
	06/03/98		11.03	19.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3
	09/21,22/98		12.31	18.68	<50	<0.50	0.54	1.9	<0.50	<2.5	2.2
	12/14/98		11.67	19.32	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.0
	03/15,16/99		10.82	20.17	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.6
	06/14,15/99		12.08	18.91	---------- Well Sampled Annually ----------						
	09/15/99		12.48	18.51	---------- Well Sampled Annually ----------						
	12/08,09/99		12.29	18.70	---------- Well Sampled Annually ----------						
	03/15/00		10.04	20.95	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	06/13/00 b		11.95	19.04	---------- Well Sampled Annually ----------						
	9/19,20/00		12.15	18.84	---------- Well Sampled Annually ----------						
	12/14,15/00		12.25	18.74	---------- Well Sampled Annually ----------						
	3/8,9/01		10.49	20.50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	06/14/01		11.97	19.02	---------- Well Sampled Annually ----------						
	09/26/01		12.40	18.59	---------- Well Sampled Annually ----------						
	12/29/01		10.42	20.57	---------- Well Sampled Annually ----------						
	03/13/02		11.01	19.98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
MW-24	03/13,15/96	34.38	10.10	24.28	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		12.25	22.13	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		13.28	21.10	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		12.71	21.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		12.50	21.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		13.38	21.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		13.46	20.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5	5.0
	11/24,25/97		13.25	21.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/19,20/98		11.32	23.06	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	06/04/98		12.00	22.38	<50	<0.30	<0.30	<0.30	<0.60	<10	0.8
	09/21,22/98		13.13	21.25	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.4
	12/14,15/98		12.53	21.85	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.2
	03/15,16/99		11.58	22.80	<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.0
	06/14,15/99	---------- Removed From Gauging and Sampling Program ----------									
MW-25	03/13,14/96	34.12	9.61	24.51	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96		11.30	22.82	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28,29/96		12.32	21.80	<50	<0.50	<0.50	<0.50	<0.50	51	NM
	11/25/96		11.83	22.29	<50	<0.50	<0.50	<0.50	<0.50	110	NM
	03/31-04/01/97		11.55	22.57	<50	<0.50	<0.50	<0.50	<0.50	39	NM
	06/25/97		14.57	19.55	<50	<0.50	<0.50	<0.50	<0.50	49	NM
	09/09,10/97		12.45	21.67	<50	<0.50	<0.50	<0.50	<0.50	78	1.0
	09/09,10/97 a		--	--	--	--	--	--	--	79	--
	11/24,25/97		12.30	21.82	<50	<0.50	<0.50	<0.50	<0.50	130	0.0
	03/19,20/98		10.18	23.94	<50	<0.50	<0.50	<0.50	<0.50	96	1.8
	06/04/98		11.00	23.12	<50	<0.30	<0.30	<0.30	<0.60	44	0.8
	09/21,22/98		12.13	21.99	<50	<0.50	<0.50	<0.50	<0.50	150	0.4
	12/14,15/98		11.60	22.52	<50	<0.50	<0.50	<0.50	<0.50	44	1.0
	03/15,16/99		10.78	23.34	<50	<0.50	<0.50	<0.50	<0.50	26.6	2.0
	06/14,15/99		11.97	22.15	<50	<0.50	<0.50	<0.50	<0.50	98.9	2.2
	09/15,16/1999		12.34	21.78	<50	<0.50	<0.50	<0.50	<0.50	66.4	NM
	12/08,09/99		12.25	21.87	<50	<0.50	<0.50	<0.50	<0.50	55.5	0.0
	03/15/00		10.16	23.96	<50	<0.50	<0.50	<0.50	<0.50	154	1.0
	03/15/00 a		--	--	--	--	--	--	--	206	--
	06/13/00 b		11.72	22.40	<50	<0.50	<0.50	<0.50	<0.50	77.7	1.0
	9/19,20/00		12.08	22.04	<50	1	<0.50	<0.50	<0.50	192	1.2
	12/14,15/00		11.74	22.38	<50	<0.50	<0.50	<0.50	<0.50	134	4.0
	3/8,9/01		10.53	23.59	<50	<0.50	<0.50	<0.50	<0.50	140	2.6
	06/14/01		11.95	22.17	<50	<0.50	<0.50	<0.50	<0.50	150	2.6
	09/26/01		12.22	21.90	<50	<0.50	<0.50	<0.50	<0.50	84	1.0
	12/29/01 c	33.81	10.32	23.49	73	<0.50	<0.50	1	7	94	2.2
	03/13/02		10.99	22.82	57	<0.50	<0.50	<0.50	<0.50	89	2.6
MW-26	03/13,15/96	33.71	9.38	24.33	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		11.57	22.14	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28,29/96		12.55	21.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		12.03	21.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		11.84	21.87	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		12.94	20.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Number	Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-26	09/09,10/97		12.77	20.94	<50	<0.50	<0.50	<0.50	<0.50	<2.5	5.0
(cont.)	11/24,25/97		12.55	21.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.6
	03/19,20/98		10.55	23.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	06/04/98		11.22	22.49	<50	<0.30	<0.30	<0.30	<0.60	<10	2.1
	09/21,22/98		12.45	21.26	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	12/14,15/98		11.83	21.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	03/15,16/99		10.86	22.85	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
	06/14,15/99		12.17	21.54	---------- Well Sampled Annually ----------						
	09/15/99		12.70	21.01	---------- Well Sampled Annually ----------						
	12/08,09/99		12.57	21.14	---------- Well Sampled Annually ----------						
	03/15/00		10.50	23.21	<50	<0.50	<0.50	<0.50	<0.50	6.55	1.4
	06/13/00 b		12.20	21.51	---------- Well Sampled Annually ----------						
	9/19,20/00		12.38	21.33	---------- Well Sampled Annually ----------						
	12/14,15/00		11.88	21.83	---------- Well Sampled Annually ----------						
	3/8,9/01		10.78	22.93	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	06/14/01		12.17	21.54	---------- Well Sampled Annually ----------						
	09/26/01		12.70	21.01	---------- Well Sampled Annually ----------						
	12/29/01		10.41	23.30	---------- Well Sampled Annually ----------						
	03/13/02		11.27	22.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4

MtBE = Methyl tert-butyl ether
MSL = Mean sea level
TOB = Top of box
ppb = Parts per billion
ppm = Parts per million
< = Less than laboratory detection limit
† = Well sampled without purging.
†† = ORC program initiated September 21, 1995 and discontinued on May 15, 1997.

NA = Not analyzed
NM = Not measured
NS = Not sampled
a. = MtBE result confirmed by EPA Method 8260.
b. = Depths to water originally measured from TOC. Depth to water adjusted to reflect a TOB measurement by adding the average difference between TOB and TOC measurements over the last four gauging events.
c. = well elevation changed during station reconstruction. well resurveyed 11/6/2001

Please see certified analytical reports for laboratory notes and definitions.

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)		Dissolved Oxygen (ppm)
590 H	03/14/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	05/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	08/29/96 a	NS	NS	NS	NS	NS	NA		NM
	11/26/96	NS	NS	NS	NS	NS	NS		NM
	03/31/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	06/25/97 a	NS	NS	NS	NS	NS	NS		NM
	09/09/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		2.0
	11/24/97 a	NS	NS	NS	NS	NS	NS		NM
	03/19/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5		1.0
	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50		3.8
	09/21/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5		3.2
	12/14/98	<50	<0.50	<0.50	<0.50	<0.50	<2.0		2.2
	03/15/99 a	NS	NS	NS	NS	NS	NS		NM
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	09/15/99 a	NS	NS	NS	NS	NS	NS		NM
	12/08/99 a	NS	NS	NS	NS	NS	NS		NM
	03/15/00 a	NS	NS	NS	NS	NS	NS		NM
	06/13/00 a	NS	NS	NS	NS	NS	NS		NM
	---------- Well Destroyed ----------								
633 H	03/14/96	480	10	11	1.8	140	NA		NM
	05/13/96 b	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	3.70		NM
	12/30/96	--	--	--	--	--	4.9	c	NM
	03/31/97	NS	NS	NS	NS	NS	NS		NM
	06/25/97 a	NS	NS	NS	NS	NS	NS		NM
	09/10/97	<50	<0.50	<0.50	<0.50	0.66	<2.5		1.0
	11/24/97	110	2.0	2.1	1.0	4.2	<2.5	c	NM
	03/19/98	150	1.8	0.62	<0.50	28	77		NM
	03/19/98	--	--	--	--	--	<2.0	c	NM
	06/03/98	480	6.2	4.3	2.9	120	28		1.3
	09/21/98	<50	<0.50	<0.50	<0.50	0.66	<2.5		1.2
	12/14/98	<50	<0.50	<0.50	<0.50	2.21	11.7		NM
	03/15/99	<50	0.513	<0.50	<0.50	0.542	31		NM
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	7.93		NM
	09/15/99	<50	<0.50	<0.50	<0.50	<0.50	5.65		0.0
	12/08/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0		1.4
	03/15/00	<50	<0.50	<0.50	<0.50	<0.50	17.5		1.2
	06/13/00	240	5.03	1.01	2.39	63.8	10.5		NM
	---------- Well Destroyed ----------								
634 H	03/13/96 a	NS	NS	NS	NS	NS	NA		NM
	05/27/96 a	NS	NS	NS	NS	NS	NA		NM
	08/29/96 a	NS	NS	NS	NS	NS	NA		NM
	11/26/96	NS	NS	NS	NS	NS	NS		NM
	03/31/97	NS	NS	NS	NS	NS	NS		NM
	06/25/97 a	NS	NS	NS	NS	NS	NS		NM
	09/09/97 g	NS	NS	NS	NS	NS	NS		NM
	11/24/97 g	NS	NS	NS	NS	NS	NS		NM
	03/19/98 e	NS	NS	NS	NS	NS	NS		NM

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
634 H	06/03/98 e	NS	NS	NS	NS	NS	NS	NM
(cont.)	09/21/98 e	NS	NS	NS	NS	NS	NS	NM
	12/14/98 e	NS	NS	NS	NS	NS	NS	NM
	03/15/99 e	NS	NS	NS	NS	NS	NS	NM
	06/14/99 e	NS	NS	NS	NS	NS	NS	NM
	09/15/99 e	NS	NS	NS	NS	NS	NS	NM
	12/08/99 e	NS	NS	NS	NS	NS	NS	NM
	03/15/00 e	NS	NS	NS	NS	NS	NS	NM
	06/13/00 e	NS	NS	NS	NS	NS	NS	NM
	09/19/00 e	NS	NS	NS	NS	NS	NS	NM
	12/14/00 e	NS	NS	NS	NS	NS	NS	NM
	03/08/01 e	NS	NS	NS	NS	NS	NS	NM
	06/14/01 e	NS	NS	NS	NS	NS	NS	NM
	09/26/01 e	NS	NS	NS	NS	NS	NS	NM
	12/29/01 e	NS	NS	NS	NS	NS	NS	NM
	03/13/02 e	NS	NS	NS	NS	NS	NS	NM
642 H	03/15/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31/97	NS	NS	NS	NS	NS	NS	NM
	06/25/97	NS	NS	NS	NS	NS	NS	NM
	09/09/97 a	NS	NS	NS	NS	NS	NS	NM
	11/24/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/19/98 a	NS	NS	NS	NS	NS	NS	NM
	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NM
	09/21/98 a	NS	NS	NS	NS	NS	NS	NM
	12/14/98 a	NS	NS	NS	NS	NS	NS	NM
	03/15/99 a	NS	NS	NS	NS	NS	NS	NM
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	09/15/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.2
	12/08/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.4
	03/15/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
	06/13/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/19/00 a	NS	NS	NS	NS	NS	NS	NM
	12/14/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	03/08/01 a	NS	NS	NS	NS	NS	NS	NM
	06/14/01 a	NS	NS	NS	NS	NS	NS	NM
	09/26/01 a	NS	NS	NS	NS	NS	NS	NM
	12/29/01 a	NS	NS	NS	NS	NS	NS	NM
	03/13/02 a	NS	NS	NS	NS	NS	NS	NM
675 H	03/13/96 a	NS	NS	NS	NS	NS	NA	NM
	05/27/96 a	NS	NS	NS	NS	NS	NA	NM
	08/29/96 d	NS	NS	NS	NS	NS	NA	NM
	11/26/96	NS	NS	NS	NS	NS	NS	NM
	03/31/97	NS	NS	NS	NS	NS	NS	NM
	06/25/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09/97 f	NS	NS	NS	NS	NS	NS	NM
	11/24/97 f	NS	NS	NS	NS	NS	NS	NM
	03/19/98 f	NS	NS	NS	NS	NS	NS	NM
	06/03/98 f	NS	NS	NS	NS	NS	NS	NM
	09/21/98 a,f	NS	NS	NS	NS	NS	NS	NM
	12/14/98 f	NS	NS	NS	NS	NS	NS	NM
	03/15/99 f	NS	NS	NS	NS	NS	NS	NM
	06/14/99 f	NS	NS	NS	NS	NS	NS	NM
	09/15/99 f	NS	NS	NS	NS	NS	NS	NM
	12/08/99 f	NS	NS	NS	NS	NS	NS	NM
	03/15/00 f	NS	NS	NS	NS	NS	NS	NM
	06/13/00 f	NS	NS	NS	NS	NS	NS	NM
	09/19/00 f	NS	NS	NS	NS	NS	NS	NM

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
675 H	12/14/00 f	NS	NS	NS	NS	NS	NS	NM
(cont.)	03/08/01 f	NS	NS	NS	NS	NS	NS	NM
	06/14/01 f	NS	NS	NS	NS	NS	NS	NM
	09/26/01 f	NS	NS	NS	NS	NS	NS	NM
	12/29/01 f	NS	NS	NS	NS	NS	NS	NM
	03/13/02 f	NS	NS	NS	NS	NS	NS	NM
17197 VM	03/15/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	11/24/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	03/19/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.2
	09/21/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	12/14/98	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.4
	03/15/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.6
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	09/15/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
	12/08/99 a	NS	NS	NS	NS	NS	NS	NM
	03/15/00 a	NS	NS	NS	NS	NS	NS	NM
	06/13/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/19/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	12/14/00 f	NS	NS	NS	NS	NS	NS	NM
	03/08/01 f	NS	NS	NS	NS	NS	NS	NM
	06/14/01 f	NS	NS	NS	NS	NS	NS	NM
	09/26/01 f	NS	NS	NS	NS	NS	NS	NM
	12/29/01 f	NS	NS	NS	NS	NS	NS	NM
	03/13/02 f	NS	NS	NS	NS	NS	NS	NM
17200 VM	03/15/96	730	<1.0	<1.0	1.5	1.7	NA	NM
	05/27/96	200	<0.50	<0.50	1.4	1.8	NA	NM
	08/29/96	Well Destroyed						
17203 VM	03/15/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31/97 f	NS	NS	NS	NS	NS	NS	NM
	06/25/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09/97 f	NS	NS	NS	NS	NS	NS	NM
	11/24/97 f	NS	NS	NS	NS	NS	NS	NM
	03/19/98	Well Dry						
	06/03/98 f	NS	NS	NS	NS	NS	NS	NM
	09/21/98 f	NS	NS	NS	NS	NS	NS	NM
	12/14/98 f	NS	NS	NS	NS	NS	NS	NM
	03/15/99 f	NS	NS	NS	NS	NS	NS	NM
	06/14/99 f	NS	NS	NS	NS	NS	NS	NM
	09/15/99 f	NS	NS	NS	NS	NS	NS	NM
	12/08/99 f	NS	NS	NS	NS	NS	NS	NM
	03/15/00 f	NS	NS	NS	NS	NS	NS	NM
	06/13/00 f	NS	NS	NS	NS	NS	NS	NM
	09/19/00 f	NS	NS	NS	NS	NS	NS	NM
	12/14/00 f	NS	NS	NS	NS	NS	NS	NM
	03/08/01 f	NS	NS	NS	NS	NS	NS	NM
	06/14/01 f	NS	NS	NS	NS	NS	NS	NM
	09/26/01 f	NS	NS	NS	NS	NS	NS	NM
	12/29/01 f	NS	NS	NS	NS	NS	NS	NM
	03/13/20 f	NS	NS	NS	NS	NS	NS	NM
17302 VM	03/15/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)		Dissolved Oxygen (ppm)
17302 VM	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
(cont.)	03/31/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	09/09/97 f	NS	NS	NS	NS	NS	NS		NM
	11/24/97 f	NS	NS	NS	NS	NS	NS		NM
	03/19/98 f	NS	NS	NS	NS	NS	NS		NM
	06/03/98 f	NS	NS	NS	NS	NS	NS		NM
	09/21/98 f	NS	NS	NS	NS	NS	NS		NM
	12/14/98 f	NS	NS	NS	NS	NS	NS		NM
	03/15/99 f	NS	NS	NS	NS	NS	NS		NM
	06/14/99 f	NS	NS	NS	NS	NS	NS		NM
	09/15/99 f	NS	NS	NS	NS	NS	NS		NM
	12/08/99 f	NS	NS	NS	NS	NS	NS		NM
	12/08/99 f	NS	NS	NS	NS	NS	NS		NM
	03/15/00 f	NS	NS	NS	NS	NS	NS		NM
	06/13/00 f	NS	NS	NS	NS	NS	NS		NM
	09/19/00 f	NS	NS	NS	NS	NS	NS		NM
	12/14/00 f	NS	NS	NS	NS	NS	NS		NM
	03/08/01 f	NS	NS	NS	NS	NS	NS		NM
	06/14/01 f	NS	NS	NS	NS	NS	NS		NM
	09/26/01 f	NS	NS	NS	NS	NS	NS		NM
	12/29/01 f	NS	NS	NS	NS	NS	NS		NM
	03/13/02 f	NS	NS	NS	NS	NS	NS		NM
17348 VE	03/13/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	05/27/96	Well Dry							
	08/29/96	Well Dry							
	11/26/96	Well Dry							
	03/31/97	Well Dry							
	06/25/97	Well Inaccessible							
	09/09/97 g	NS	NS	NS	NS	NS	NS		NM
	11/24/97 g	NS	NS	NS	NS	NS	NS		NM
	03/19/98 a	NS	NS	NS	NS	NS	NS		NM
	06/03/98 a	NS	NS	NS	NS	NS	NS		NM
	09/21/98 a	NS	NS	NS	NS	NS	NS		NM
	12/14/98 a	NS	NS	NS	NS	NS	NS		NM
	03/15/99 a	NS	NS	NS	NS	NS	NS		NM
	06/14/99 f	NS	NS	NS	NS	NS	NS		NM
	09/15/99 f	NS	NS	NS	NS	NS	NS		NM
	12/08/99 f	NS	NS	NS	NS	NS	NS		NM
	03/15/00 a	NS	NS	NS	NS	NS	NS		NM
	06/13/00 f	NS	NS	NS	NS	NS	NS		NM
	09/19/00 f	NS	NS	NS	NS	NS	NS		NM
	12/14/00 f	NS	NS	NS	NS	NS	NS		NM
	03/08/01 f	NS	NS	NS	NS	NS	NS		NM
	06/14/01 f	NS	NS	NS	NS	NS	NS		NM
	09/26/01 f	NS	NS	NS	NS	NS	NS		NM
	12/29/01 f	NS	NS	NS	NS	NS	NS		NM
	03/13/02 f	NS	NS	NS	NS	NS	NS		NM
17349 VM	03/15/96	1,700	<2.0	<2.0	2.5	13	NA		NM
	05/27/96	320	4.2	1.3	0.95	0.71	NA		NM
	08/29/96	410	7.5	<0.50	<0.50	1.1	NA		NM
	11/26/96	300	<1.0	1.7	<1.0	2.1	55	*	NM
	03/31/97	430	<1.0	2.7	<1.0	1.0	57	c	NM
	06/25/97 **	2,100	30	<5.0	<5.0	6.7	140		NM
	08/18/97	320	2.0	<0.5	<0.5	<0.5	34		NM
	08/18/97	--	--	--	--	--	31	c	NM
	09/09/97	380	6.0	1.4	0.98	<0.50	38		3.0
	09/09/97	--	--	--	--	--	34	c	NM
	11/24/97	240	<1.0	1.1	<1.0	1.4	53		2.4
	11/24/97	--	--	--	--	--	33	c†	NM
	03/19/98	1,300	14	<0.50	<0.50	1.2	250		1.0
	03/19/98	--	--	--	--	--	27	c	NM

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)		Dissolved Oxygen (ppm)
17349 VM	06/03/98	860	8.7	<0.50	0.7	8.0	38		4.9
(cont.)	07/29/98	860	20	2.1	<1.2	<1.2	27		NM
	07/29/98	--	--	--	--	--	25	c	NM
	09/21/98	200	<0.50	<0.50	<0.50	14	14		5.2
	12/14/98	254	<0.50	6.92	0.604	1.58	21.7		1.0
	03/15/99	172	1.35	<0.50	<0.50	<0.50	24.2		3.6
	06/14/99	91	<0.50	3.53	<0.50	<0.50	88.3		2.8
	09/15/99 a	133	<0.50	<0.50	<0.50	<0.50	184		2.2
	12/08/99	136	0.681	<0.50	<0.50	<0.50	267	c	2.4
	03/15/00	<50	<0.50	<0.50	<0.50	<0.50	82.1	c	2.8
	06/13/00	319	5.28	<0.5	<0.50	<0.50	97.1		NM
	06/13/00	--	--	--	--	--	85.1	c	NM
	09/19/00	106	<0.50	2	<0.50	<0.50	204.0		NM
	09/19/00	--	--	--	--	--	84.0	c	NM
	12/14/00	65.9	0.61	<0.50	<0.50	<0.50	188.0		1.8
	12/14/00	--	--	--	--	--	197.0	c	NM
	03/08/01	<50	<0.50	<0.50	<0.50	<0.50	91.8		1.8
	03/08/01	--	--	--	--	--	98.3	c	NM
	06/14/01	<50	<0.50	<0.50	<0.50	<0.50	68.0		2.8
	06/14/01	--	--	--	--	--	99.0	c	NM
	09/26/01	52	0.53	<0.50	<0.50	<0.50	49.0		1.8
	09/26/01	--	--	--	--	--	54.0	c	
	12/29/01	<50.0	<0.50	0.78	<0.50	<0.50	58.0		NM
	12/29/01	--	--	--	--	--	48.0	c	NM
	03/13/02	<50.0	1	<0.50	<0.50	<0.50	49.0		2.0
	03/13/02	--	--	--	--	--	47.0	c	NM
17371 VM	03/13/96 e	NS	NS	NS	NS	NS	NA		NM
	05/27/96 e	NS	NS	NS	NS	NS	NA		NM
	08/29/96 e	NS	NS	NS	NS	NS	NA		NM
	11/26/96 e	NS	NS	NS	NS	NS	NS		NM
	03/31/97 e	NS	NS	NS	NS	NS	NS		NM
	06/25/97 e	NS	NS	NS	NS	NS	NS		NM
	09/09/97 e	NS	NS	NS	NS	NS	NS		NM
	11/24/97 e	NS	NS	NS	NS	NS	NS		NM
	03/19/98 e	NS	NS	NS	NS	NS	NS		NM
	06/03/98 e	NS	NS	NS	NS	NS	NS		NM
	09/21/98 e	NS	NS	NS	NS	NS	NS		NM
	12/14/98 e	NS	NS	NS	NS	NS	NS		NM
	03/15/99 e	NS	NS	NS	NS	NS	NS		NM
	06/14/99 e	NS	NS	NS	NS	NS	NS		NM
	09/15/99 e	NS	NS	NS	NS	NS	NS		NM
	12/08/99 f	NS	NS	NS	NS	NS	NS		NM
	03/15/00 f	NS	NS	NS	NS	NS	NS		NM
	06/13/00 f	NS	NS	NS	NS	NS	NS		NM
	09/19/00 f	NS	NS	NS	NS	NS	NS		NM
	12/14/00 f	NS	NS	NS	NS	NS	NS		NM
	03/08/01 f	NS	NS	NS	NS	NS	NS		NM
	06/14/01 f	NS	NS	NS	NS	NS	NS		NM
	09/26/01 f	NS	NS	NS	NS	NS	NS		NM
	12/29/01 f	NS	NS	NS	NS	NS	NS		NM
	03/13/02 f	NS	NS	NS	NS	NS	NS		NM
17372 VM	03/14/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	03/31/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	06/25/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	09/09/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		4.0
	11/24/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		2.0
	03/19/98	<50	<0.50	<0.50	<0.50	<0.50	1,200		1.8
	03/19/98	--	--	--	--	--	1,400	c	NM
	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	16,000		1.8
	07/29/98	<200	<2.0	<2.0	<2.0	<2.0	940		NM

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)		Dissolved Oxygen (ppm)
17372 VM	07/29/98	--	--	--	--	--	1,100	c	NM
(cont.)	09/21/98	<50	<0.50	<0.50	<0.50	<0.50	200		1.6
	09/21/98	--	--	--	--	--	360	c	NM
	12/14/98	<50	<0.50	0.823	<0.50	<0.50	20.1		3.8
	03/15/99	<50	<0.50	<0.50	<0.50	<0.50	6.66		4.6
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	3.33		4.0
	09/15/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0		2.0
	12/08/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0		NM
	03/15/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5		1.6
	06/13/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	09/19/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	12/14/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5		2.0
	03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5		2.4
	06/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5		2.8
	09/26/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5		2.2
	12/29/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5		2.1
	03/13/02	<51	<0.50	<0.50	<0.50	<0.50	<2.6		1.8
17393 VM	03/14/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
VM	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	03/31/97 a	NS	NS	NS	NS	NS	NS		NM
	06/25/97	Well Destroyed							

TPPH = Total purgeable petroleum hydrocarbons
MtBE = Methyl tert-butyl ether
NA = Not analyzed
NS = Not sampled
ppb = Parts ber billion
H = Hacienda Avenue
VM = Via Magdalena
VE = Via Encinas
< = Less than laboratory detection limit stated to the right.
* = MtBE data maybe anamolous; unable to confirm with EPA Method 8260.
** = Concentration data are suspect due to inadequate purging. Well resampled on August 18, 1997 for confirmation purposes.
a. Owner not available to approve sampling access; well not sampled.
b. Well resampled to confirm data of March 14, 1996.
c. MtBE result confirmed by EPA Method 8260.
d. Pumping equipment obstructing sampling access; well not sampled.
e. Access denied by owner; well not sampled.
f. Pump on well does not work.
g. Well blocked and pump non-operational; well cannot be sampled.

Notes:
Homeowners are contacted 1 week prior to sampling event.
Please see certified analytical reports for laboratory notes and definitions

ATTACHMENT D

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATIONS

Electronic Submittal Information

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

SUCCESSFUL GEO_WELL CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	4/12/2006 5:14:28 PM

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

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Logged in as URSCORP-OAKLAND
(CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

UPLOADING A GEO_WELL FILE

Processing is complete. No errors were found!
Your file has been successfully submitted!

Submittal Title:	**1Q 2006 QMR GeoWell BP/ARCO 608**
Submittal Date/Time:	**4/12/2006 5:15:08 PM**
Confirmation Number:	3070281803

Back to Main Menu

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(CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	4/12/2006 5:16:03 PM
GLOBAL ID:	T0600100085
FILE UPLOADED:	ARCO#0608-EDF-MPC0829.zip

No errors were found in your EDF upload file.

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

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

Click here to view the detections report for this upload.

ARCO # 00608
17601 HESPERIAN BLVD
SAN LORENZO, CA 94580

Regional Board - Case #: 01-0092
SAN FRANCISCO BAY RWQCB (REGION 2) - **(RDB)**
Local Agency (lead agency) - Case #: 779
ALAMEDA COUNTY LOP - **(AG)**

SAMPLE DETECTIONS REPORT

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

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

Logged in as URSCORP-OAKLAND (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

Your EDF file has been successfully uploaded!

Confirmation Number: 9174213826
Date/Time of Submittal: 4/12/2006 5:16:55 PM
Facility Global ID: T0600100085
Facility Name: ARCO # 00608
Submittal Title: 1Q 2006 QMR EDF BP/ARCO 608
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

ARCO # 00608
17601 HESPERIAN BLVD
SAN LORENZO, CA 94580

Regional Board - Case #: 01-0092
SAN FRANCISCO BAY RWQCB (REGION 2) - **(RDB)**
Local Agency (lead agency) - Case #: 779
ALAMEDA COUNTY LOP - **(AG)**

CONF #	TITLE	QUARTER
9174213826	1Q 2006 QMR EDF BP/ARCO 608	Q1 2006

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	4/12/2006	PENDING REVIEW

SAMPLE DETECTIONS REPORT

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

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

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

- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

Logged in as URSCORP-OAKLAND (CONTRACTOR) CONTACT SITE ADMINISTRATOR.

ATTACHMENT E

O&M FIELD DATA SHEETS, CERTIFIED ANALYTICAL REPORTS, AND CHAIN-OF-CUSTODY RECORDS

Field Report

Field Office: SAC	Date: 12/27/05	
	Job No:	Task No:
	Project: BP/ARCO #0608	
Prepared By: D. Loss	Location: SAN LORENZO	
To: Shanthi Sambathkumar	Weather: RAIN Showers	Temp.: 55°
	Client:	
	Contractor:	
Attn:		
Page: 1 of 1		

Runtime Hours: 26103.3 PID READINGS (~~Weekly at 761, 2067, 2180~~)

Shutdown Date/Time: N/A Influent: N/A

Restart Date/Time: N/A Mid: ↓

Sewer Discharge Total: 4538830 Effluent: ↓

Description of Activities Performed:

System on Line - Pump out containment Pad of accumulated storm water

RECEIVED

BP UNIT

Equipment Used:

Contractor Hours:	Staff Hours:	Mileage:
Copies To:	Project Manager:	
	Reviewed By:	

\\SACDATA\Projects\BP-ARCO\General (non-specific)\George's Files\Field Report Form .doc 10/10/05

SS
12/30/05

FIELD SERVICES / ROUTINE O&M REQUEST

Identification

Project #	38487015 Cost Code: 0033501
Station #	ARCO 0608
Site Address:	17601 Hesperian Blvd.
County:	San Lorenzo CA
Project Manager:	Scott Robinson (874-3280)
Lead Engineer:	Amber Budd (874-1769)
Client:	BP
Client P.O.C.:	Paul Supple
Revision Date:	
Laboratory:	STL

Site Remedial Technologies : Groundwater Extraction (GWE)
Permit Type : POTW

Complete attached Data Sheets as prescribed in the following table:

Scheduling Table

Data Sheet Section(s) / Part(s)	To be Completed	Budgeted Hrs	Actual Hrs	Mob-de Mob	Completed
GWE (A, B, E)	Every Visit				
GWE (C, D, G)	Monthly				
GWE (F)	Quarterly				

Monthly = once a month during week 1
Quarterly = once every quarter during months 1,4,7,10

Comments: System On-line

System Under Compliance: Yes
(If no, was the Engineer/PM contacted?)

Field Technician Response:

Completed by:	Darin Ross	Date:	12/27/05
Arrival time:	1200	Departure time:	12:30
Sample this visit?:	NO	Engineer contacted?	

SS
12/30/05

Date: 12/27/05

Groundwater Extraction & Treatment System
ARCO Service Station No. 0608
17601 Hesperian Blvd.
San Lorenzo CA

System Description:

Groundwater Extraction Wells

Extraction Well	Size	Type	Control	Screen Interval	Set Depth (TOB)	Well Online (Yes/No)	Totalizer Reading (gallon)
E-1A	3"	Electric	Auto		23.9	Yes	45388830

Abatement Device: Carbon Vessels: three ASC-2,400 lbs
Filter: Rosedale P2 25 micron

Equipment Required: pH meter, conductivity and temp meter, water level meter

PART A: SYSTEM DATA (twice a month during week 1 & 3)

System on upon arrival? YES (if no, specify reason in comments)
System on departure? YES (if no, specify reason in comments)
Filter Changed? NO

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	45388830	
ELECTRIC METER READING (kWh)	45491	N/A
Hour Meter Reading (hrs)	20163.3	N/A
Holding Tank Level	N/A	
FILTER INLET PRESSURE (psig)	(Change filter if pressure > 30 psig) 15	After changing filter =
CARBON #1 INLET PRESSURE (psig	(Backflush if pressure > 20 psig) 12	After backflush = N/A
CARBON #2 INLET PRESSURE (psig	(Backflush if pressure > 10 psig) 12	After backflush =
CARBON #3 INLET PRESSURE (psig	(Backflush if pressure > 10 psig) 5	After backflush =
DISCHARGE PRESSURE (psig)	0	
EFF FLOW RATE (gpm)	1.0 gpm	

PART B: COMMENTS

PART C: WELL DATA (Monthly)
*** Allow system to run 1 hour before obtaining DTW readings**

Well ID	Size	Time	DTW (Feet)	TD (Feet)
E-1A				
UST-A				
UST-B				
SP1-V4				

PART D: SAMPLING & READINGS (Monthly during week 1)

SAMPLE	ANALYSIS	BOTTLE REQUIREMENT	COMPLETE
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
EFFLUENT	GRO/BTEX /Fuel Oxys (EPA 8260), COD (410.4), TSS (160.2), 14-*day TAT*	3X40 mL HCl VOA's, 1unpreserved, 1 H_2SO_4	
TRIP BLANK	GRO/BTEX, EPA 8260 *(on Hold)*	3X40 mL VOA supplied by the lab	

PART E: SYSTEM MAINTENANCE (Every Visit)

Sump Pump Tested?	~~yes~~ NA	Enclosure Swept?	NO
Test Compound Float Switch?	yes	Test Filter Pressure Switch?	yes
Air Solenoid Valve?	yes	Number of Spare Filters On Site?	Ø
Test Holding Tank Switches?	N/A		

PART F: SYSTEM MAINTENANCE (Months 1, 4, 7, 10)

Submerssible Pumps Checked?	—	Flow Totalizers Cleaned?	NO
Control Logics Checked?	—		

PART G: READINGS(Monthly during week 1)

EFFLUENT	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
permit limits:	5.5 to 12.5	150°F		

FIELD SERVICES / ROUTINE O&M REQUEST

Identification

Project #	38487015 Cost Code: 0033501
Station #	ARCO 0608
Site Address:	17601 Hesperian Blvd.
County:	San Lorenzo CA
Project Manager:	Scott Robinson (874-3280)
Lead Engineer:	Amber Budd (874-1769)
Client:	BP
Client P.O.C.:	Paul Supple
Revision Date:	
Laboratory:	STL

Site Remedial Technologies : Groundwater Extraction (GWE)
Permit Type : POTW

Complete attached Data Sheets as prescribed in the following table:

Scheduling Table

Data Sheet Section(s) / Part(s)	To be Completed	Budgeted Hrs	Actual Hrs	Mob-de Mob	Completed
GWE (A, B, E)	Every Visit				
GWE (C, D, G)	Monthly				
GWE (F)	Quarterly				

Monthly = once a month during week 1
Quarterly = once every quarter during months 1,4,7,10

Comments: System On-Line upon arrival

System Under Compliance: yes
(If no, was the Engineer/PM contacted?)

Field Technician Response:

Completed by:	D. Ross	Date:	1/12/06
Arrival time:	0900	Departure time:	1200
Sample this visit?:	yes	Engineer contacted?	No

SS
01/13/06

PART C: WELL DATA (Monthly)
*** Allow system to run 1 hour before obtaining DTW readings**

Well ID	Size	Time	DTW (Feet)	TD (Feet)
E-1A				
UST-A				
UST-B				
SP1-V4				

PART D: SAMPLING & READINGS (Monthly during week 1)

SAMPLE	ANALYSIS	BOTTLE REQUIREMENT	COMPLETE
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	D&L
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	↓
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
EFFLUENT	GRO/BTEX /Fuel Oxys (EPA 8260), COD (410.4), TSS (160.2), 14*day TAT*	3X40 mL HCl VOA's, 1unpreserved, 1 H_2SO_4	
TRIP BLANK	GRO/BTEX, EPA 8260 *(on Hold)*	3X40 mL VOA supplied by the lab	

PART E: SYSTEM MAINTENANCE (Every Visit)

Sump Pump Tested?	N/A	Enclosure Swept?	YES
Test Compound Float Switch?	OK	Test Filter Pressure Switch?	YES
Air Solenoid Valve?	N/A	Number of Spare Filters On Site?	0
Test Holding Tank Switches?	N/A		

PART F: SYSTEM MAINTENANCE (Months 1, 4, 7, 10)

Submerssible Pumps Checked?	NO	Flow Totalizers Cleaned?	NO
Control Logics Checked?	NO		

PART G: READINGS (Monthly during week 1)

EFFLUENT	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
permit limits:	5.5 to 12.5 7.20	150°F 15.2°C	0.93 mS/cm	13.0 %

Chain of Custody Record

On-site Time:	0500 Temp: 54
Off-site Time:	1100 Temp: 55°
Sky Conditions:	Cloudy
Meteorological Events:	None
Wind Speed:	N/A Direction: N/A

Project Name: Station 608 - O&M - Remediation
BP BU/AR Region/Enfos Segment: Retail
State or Lead Regulatory Agency: Oro Loma Sanitary District
Requested Due Date (mm/dd/yy): 1/24/06
(14- day TAT)

Lab Name:	STL-SF (Pleasanton)	BP/AR Facility No.:	Station 608	Consultant/Contractor:	URS Oakland
Address:	1220 Quarry Lane	BP/AR Facility Address:	17601 Hesperian Blvd, San Lorenzo	Address:	1333 Broadway, Suite 800
	Pleasanton CA, 94566	Site Lat/Long:	37.673888 / -122.123		Oakland CA 94612
Lab PM:	Afsaneh Salimpour	California Global ID No.:	T0600100085	Consultant/Contractor Project No.:	38487015
Tele/Fax:	925.484.1919/925.484.1096	Enfos Project No.:	G0C24-0005	Consultant/Contractor PM:	Scott Robinson
BP/AR PM Contact:	Paul Supple	Provision or RCOP :	Provision	Tele/Fax:	510.893.3600/510.874.3268
Address:	P.O. Box 6549	Phase/WBS:	03 - O&M	Report Type & QC Level:	Level 1 and EDF
	Moraga CA 94570	Sub Phase/Task:	03 - Analytical	E-mail EDD To:	Donna_Cosper@urscorp.com
Tele/Fax:	925.299.8891/925.299.8872	Cost Element:	05 - Subcontractor Costs	Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: BTEX/Oxy/TPH (8260)	Requested Analysis: COD (410.4)	Requested Analysis: TSS (160.2)	Sample Point Lat/Long and Comment
1	INF - 011206	1005	1/12/06		X			3				X		X			
2	MID-1 - 011206	1000			X			3				X		X			
3	MID-2 - 011206	0955			X			3				X		X			
4	EFFL - 011206	0945			X			3				X		X			
5	EFFL - 011206	0945			X			1	X							X	
6	EFFL - 011206	0945			X			1		X					X		
7	TRIP BLANK - 011206	0810	1/12/06		X			3				X					HOLD
8																	
9																	
10																	

Sampler's Name:	Darin Ross	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	URS Group		1/13/06	1221		1/13/06	1224
Shipment Date:	1/12/06 / 1/13/06						
Shipment Method:	Hand						
Shipment Tracking No:							

Special Instructions:

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

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

Field Report

Field Office: SAC	**Date:** 1/24/06	
	Job No:	**Task No:**
	Project: BP/ARCO # 0608	
Prepared By: D. Ross	**Location:** San Lorenzo, CA	
To: Mr. Shanti Santhakumar	**Weather:** Clear	**Temp.:** 57°
	Client: BP/ARCO	
	Contractor: URS Group	
Attn:		
Page: 1 of 1		

Electric Meter – 45845
Flow Totalizer – 4577920
Hour meter – 26835.1
Flow Rate – 0.8 gpm
Infl Press – 16 / 12
mid-1 Pres – 12
mid-2 Pres – 4
Effl. Press – 0

System on-line, functioning normally

Equipment Used:

Contractor Hours:	**Staff Hours:**	**Mileage:**
Copies To:	**Project Manager:**	
	Reviewed By:	

55
01/27/06

Date: 2/8/06

Groundwater Extraction & Treatment System
ARCO Service Station No. 0608
17601 Hesperian Blvd.
San Lorenzo CA

System Description:

Groundwater Extraction Wells

Extraction Well	Size	Type	Control	Screen Interval	Set Depth (TOB)	Well Online (Yes/No)	Totalizer Reading (gallons)
E-1A	3"	Electric	Auto		23.9		

Abatement Device: Carbon Vessels: three ASC-2,400 lbs
Filter: Rosedale P2 25 micron

Equipment Required: pH meter, conductivity and temp meter, water level meter

PART A: SYSTEM DATA (twice a month during week 1 & 3)

System on upon arrival? On-Line (if no, specify reason in comments)
System on departure? On-Line (if no, specify reason in comments)
Filter Changed? NO

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4595860	
ELECTRIC METER READING (kWh)	46036	N/A
Hour Meter Reading (hrs)	27194.9	N/A
Holding Tank Level	N/A	
FILTER INLET PRESSURE (psig) (Change filter if pressure > 30 psig)	18	After changing filter =
CARBON #1 INLET PRESSURE (psig) (Backflush if pressure > 20 psig)	12	After backflush =
CARBON #2 INLET PRESSURE (psig) (Backflush if pressure > 10 psig)	12	After backflush =
CARBON #3 INLET PRESSURE (psig) (Backflush if pressure > 10 psig)	4	After backflush =
DISCHARGE PRESSURE (psig)		
EFF FLOW RATE (gpm)	0.8 gpm	

PART B: COMMENTS

3 2006

35
02/13/06

PART C: WELL DATA (Monthly)
* Allow system to run 1 hour before obtaining DTW readings

Well ID	Size	Time	DTW (Feet)	TD (Feet)
E-1A				
UST-A				
UST-B				
SP1-V4				

PART D: SAMPLING & READINGS (Monthly during week 1)

SAMPLE	ANALYSIS	BOTTLE REQUIREMENT	COMPLETE
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	✓
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	✓
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	✓
EFFLUENT	GRO/BTEX /Fuel Oxys (EPA 8260), COD (410.4), TSS (160.2), 14-*day TAT*	3X40 mL HCl VOA's, 1unpreserved, 1 H_2SO_4	✓
TRIP BLANK	GRO/BTEX, EPA 8260 *(on Hold)*	3X40 mL VOA supplied by the lab	✓

PART E: SYSTEM MAINTENANCE (Every Visit)

Sump Pump Tested?	N/A	Enclosure Swept?	yes
Test Compound Float Switch?	yes	Test Filter Pressure Switch?	yes
Air Solenoid Valve?	N/A	Number of Spare Filters On Site?	Ø
Test Holding Tank Switches?	N/A		

PART F: SYSTEM MAINTENANCE (Months 1, 4, 7, 10)

Submerssible Pumps Checked?	NO	Flow Totalizers Cleaned?	NO
Control Logics Checked?	NO		

PART G: READINGS (Monthly during week 1)

EFFLUENT	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
permit limits:	5.5 to 12.5 6.82	150°F 17.3°C	1115	3.02 ppm

Chain of Custody Record

On-site Time:	1130 Temp: 60°
Off-site Time:	1215 Temp: 60°
Sky Conditions:	CLEAR
Meteorological Events:	NONE
Wind Speed:	N/A Direction: N/A

Project Name: Station 608 - O&M - Remediation
BP BU/AR Region/Enfos Segment: Retail
State or Lead Regulatory Agency: Oro Loma Sanitary District
Requested Due Date (mm/dd/yy): 02/22/06
(14-day TAT)

Lab Name:	STL-SF (Pleasanton)
Address:	1220 Quarry Lane
	Pleasanton CA. 94566
Lab PM:	Afsaneh Salimpour
Tele/Fax:	925.484.1919/925.484.1096
BP/AR PM Contact:	Paul Supple
Address:	P.O. Box 6549
	Moraga CA 94570
Tele/Fax:	925.299.8891/925.299.8872

BP/AR Facility No.:	Station 608
BP/AR Facility Address:	17601 Hesperian Blvd, San Lorenzo
Site Lat/Long:	37.673888 / -122.123
California Global ID No.:	T0000100085
Enfos Project No.:	G0C24-0005
Provision or RCOP:	Provision
Phase/WBS:	03 - O&M
Sub Phase/Task:	03 - Analytical
Cost Element:	05 - Subcontractor Costs

Consultant/Contractor:	URS Oakland
Address:	1333 Broadway, Suite 800
	Oakland-CA 94612
Consultant/Contractor Project No.:	38487015
Consultant/Contractor PM:	Scott Robinson
Tele/Fax:	510.893.3600/510.874.3268
Report Type & QC Level:	Level 1 and EDF
E-mail EDD To:	Donna_Cospen@urscorp.com
Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: BTEX/Oxy/TPH (8260)	Requested Analysis: COD (410.4)	Requested Analysis: TSS (160.2)	Sample Point Lat/Long and Comment
1	INF -020806	1155	2/8/06		X			3				X		X			
2	MID-1 -020806	1150			X			3				X		X			
3	MID-2 -020806	1145			X			3				X		X			
4	EFFL -020806	1140			X			3				X		X			
5	EFFL -020806	1140			X			1	X						X		
6	EFFL -020806	1140			X			1		X					X		
7	TRIP BLANK-020806	1130	✓		X			3				X					HOLD
8																	
9																	
10																	

Sampler's Name:	D. Koss	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	URS Group		2/8/06	1240		2-8-06	1240
Shipment Date:	2/8/06						
Shipment Method:	Hand Deliver						
Shipment Tracking No:	—						

Special Instructions:

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

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

Date: 2/21/06

Groundwater Extraction & Treatment System
ARCO Service Station No. 0608
17601 Hesperian Blvd.
San Lorenzo CA

System Description:

Groundwater Extraction Wells

Extraction Well	Size	Type	Control	Screen Interval	Set Depth (TOB)	Well Online (Yes/No)	Totalizer Reading (gallons
E-1A	3"	Electric	Auto		23.9		

Abatement Device: Carbon Vessels: three ASC-2,400 lbs
Filter: Rosedale P2 25 micron

Equipment Required: pH meter, conductivity and temp meter, water level meter

PART A: SYSTEM DATA (twice a month during week 1 & 3)

System on upon arrival? YES (if no, specify reason in comments)
System on departure? YES (if no, specify reason in comments)
Filter Changed? YES

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4609460	
ELECTRIC METER READING (kWh)	44200	N/A
Hour Meter Reading (hrs)	27505.0	N/A
Holding Tank Level	N/A	N/A
FILTER INLET PRESSURE (psig)	(Change filter if pressure > 30 psig) 18	After changing filter = 10
CARBON #1 INLET PRESSURE (psig	(Backflush if pressure > 20 psig) 8	After backflush = 8
CARBON #2 INLET PRESSURE (psig	(Backflush if pressure > 10 psig) 9	After backflush = 9
CARBON #3 INLET PRESSURE (psig	(Backflush if pressure > 10 psig) 4.5	After backflush = 4.5
DISCHARGE PRESSURE (psig)	0	0
EFF FLOW RATE (gpm)	0.8	

PART B: COMMENTS

RECEIVED

C:\DOCUMENTS AND SETTINGS\AMBUDOX\DESKTOP\608 FIELD SHEETS.XLS\2/18/2005

BP UNIT

55
02/23/06

PART C: WELL DATA (Monthly)
*** Allow system to run 1 hour before obtaining DTW readings**

Well ID	Size	Time	DTW (Feet)	TD (Feet)
E-1A				
UST-A				
UST-B				
SP1-V4				

PART D: SAMPLING & READINGS (Monthly during week 1)

SAMPLE	ANALYSIS	BOTTLE REQUIREMENT	COMPLETE
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
EFFLUENT	GRO/BTEX /Fuel Oxys (EPA 8260), COD (410.4), TSS (160.2), 14-*day TAT*	3X40 mL HCl VOA's, 1unpreserved, 1 H_2SO_4	
TRIP BLANK	GRO/BTEX, EPA 8260 *(on Hold)*	3X40 mL VOA supplied by the lab	

PART E: SYSTEM MAINTENANCE (Every Visit)

Sump Pump Tested?	N/A	Enclosure Swept?	YES
Test Compound Float Switch?	YES	Test Filter Pressure Switch?	NO
Air Solenoid Valve?	N/A	Number of Spare Filters On Site?	0
Test Holding Tank Switches?	N/A		

PART F: SYSTEM MAINTENANCE (Months 1, 4, 7, 10)

Submerssible Pumps Checked?	YES EA-1	Flow Totalizers Cleaned?	NO
Control Logics Checked?	YES		

PART G: READINGS (Monthly during week 1)

EFFLUENT	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
permit limits:	5.5 to 12.5	150°F		

Date: 3/6/06

Groundwater Extraction & Treatment System
ARCO Service Station No. 0608
17601 Hesperian Blvd.
San Lorenzo CA

System Description:

Groundwater Extraction Wells

Extraction Well	Size	Type	Control	Screen Interval	Set Depth (TOB)	Well Online (Yes/No)	Totalizer Reading (gallons
E-1A	3"	Electric (Grundfos 5SQ05A-180)	Auto		23.9		

Abatement Device: Carbon Vessels: three ASC-2,400 lbs
Filter: Rosedale P2 25 micron

Equipment Required: pH meter, conductivity and temp meter, water level meter

PART A: SYSTEM DATA (twice a month during week 1 & 3)

System on upon arrival? Yes (if no, specify reason in comments)
System on departure? Yes (if no, specify reason in comments)
Filter Changed? No

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	462920	
ELECTRIC METER READING (kWh)	46363	N/A
Hour Meter Reading (hrs)	27816.3	N/A
FILTER INLET PRESSURE (psig) (Change filter if pressure > 30 psig)	16	After changing filter = N/A
CARBON #1 INLET PRESSURE (psig) (Backflush if pressure > 20 psig)	11	After backflush =
CARBON #2 INLET PRESSURE (psig) (Backflush if pressure > 10 psig)	11	After backflush =
CARBON #3 INLET PRESSURE (psig) (Backflush if pressure > 10 psig)	5	After backflush =
DISCHARGE PRESSURE (psig)	0	
EFF FLOW RATE (gpm)	0.8 gpm	

PART B: COMMENTS

Note: Padlock on gate failed, replaced w/ dolphin lock. Will install new padlock on next scheduled visit

SS
03/09/06

PART C: WELL DATA (Monthly)
*** Allow system to run 1 hour before obtaining DTW readings**

Well ID	Size	Time	DTW (Feet)	TD (Feet)
E-1A				
UST-A				
UST-B				
SP1-V4				

PART D: SAMPLING & READINGS (Monthly during week 1)

SAMPLE	ANALYSIS	BOTTLE REQUIREMENT	COMPLETE
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14-*day TAT*	3X40 mL HCl VOA's	yes
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14-*day TAT*	3X40 mL HCl VOA's	yes
MID 2	GRO/BTEX /Fuel Oxys, EPA 8260, 14-*day TAT*	3X40 mL HCl VOA's	yes
EFFLUENT	GRO/BTEX /Fuel Oxys (EPA 8260), COD (410.4), TSS (160.2), 14-*day TAT*	3X40 mL HCl VOA's, 1unpreserved, 1 H_2SO_4	yes
TRIP BLANK	GRO/BTEX, EPA 8260 *(on Hold)*	3X40 mL VOA supplied by the lab	yes

PART E: SYSTEM MAINTENANCE (Every Visit)

Sump Pump Tested?	N/A	Enclosure Swept?	yes
Test Compound Float Switch?	yes	Test Filter Pressure Switch?	NO
Air Solenoid Valve?	N/A	Number of Spare Filters On Site?	Ø

PART F: SYSTEM MAINTENANCE (Months 1, 4, 7, 10)

Submersible Pumps Checked?	NO	Flow Totalizers Cleaned?	NO
Control Logics Checked?	NO		

PART G: READINGS (Monthly during week 1)

EFFLUENT	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
permit limits:	5.5 to 12.5 6.87	150°F / 14.9	1012	1.12 ppm

Chain of Custody Record

On-site Time:	1030 Temp: N/A
Off-site Time:	1300 Temp: N/A
Sky Conditions:	Partly Cloudy
Meteorological Events:	None
Wind Speed:	N/A Direction: N/A

Project Name: Station 608 - O&M - Remediation
BP BU/AR Region/Enfos Segment: Retail
State or Lead Regulatory Agency: Oro Loma Sanitary District
Requested Due Date (mm/dd/yy): 3/20/06
(14- day TAT)

Lab Name: Sequoia Analytical (Morgan Hill)	
Lab Address: 885 Jarvis Drive	
Morgan Hill, CA	
Lab PM: Lisa Race	
Tele/Fax: 408-782-3156/408-782-6308	
BP/AR PM Contact: Paul Supple	
Address: P.O. Box 6549	
Moraga CA 94570	
Tele/Fax: 925.299.8891/925.299.8872	
Lab Bottle Order No:	

BP/AR Facility No.:	Station 608
BP/AR Facility Address:	17601 Hesperian Blvd, San Lorenzo
Site Lat/Long:	37.673888 / -122.123
California Global ID No.:	T0000100085
Enfos Project No.:	G0C24-0012
Provision or RCOP :	Provision
Phase/WBS:	03 - O&M
Sub Phase/Task:	03 - Analytical
Cost Element:	05 - Subcontractor Costs

Consultant/Contractor:	URS Oakland
Address:	1333 Broadway, Stdite 800
	Oakland CA 94612
Consultant/Contractor Project No.:	38487590
Consultant/Contractor PM:	Donna Cosper
Tele/Fax:	510.893.3600/510.874.3268
Report Type & QC Level:	Level 1 and EDF
E-mail EDD To:	Donna_Cosper@urscorp.com
Invoice to: Consultant or BP or Atlantic Richfield Co. (circle one)	

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: BTEX/Oxy/TPH (8260)	Requested Analysis: COD (410.4)	Requested Analysis: TSS (160.2)	Sample Point Lat/Long and Comment
1	INF	1140	3/6/06		X			3				X		X			
2	MID-1	1135			X			3				X		X			
3	MID-2	1130			X			3				X		X			
4	EFFL	1120			X			3				X		X			
5	EFFL	1120			X			1	X							X	
6	EFFL	1120			X			1		X					X		
7	TRIP BLANK	1030	↓		X			2				X					HOLD
8																	
9																	
10																	

Sampler's Name:	Donna Ross
Sampler's Company:	URS Group
Shipment Date:	3/6/06
Shipment Method:	Hand (Petaluma)
Shipment Tracking No:	N/A

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
URS	3/6/06	1530		3/6/06	1530

Special Instructions:

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

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

FIELD SERVICES / ROUTINE O&M REQUEST

Identification

Project #	38487015 Cost Code: 0033501
Station #	ARCO 0608
Site Address:	17601 Hesperian Blvd.
County:	San Lorenzo CA
Project Manager:	Scott Robinson (874-3280)
Lead Engineer:	Amber Budd (874-1769)
Client:	BP
Client P.O.C.:	Paul Supple
Revision Date:	
Laboratory:	STL

Site Remedial Technologies : Groundwater Extraction (GWE)
Permit Type : POTW

Complete attached Data Sheets as prescribed in the following table:

Scheduling Table

Data Sheet Section(s) / Part(s)	To be Completed	Budgeted Hrs	Actual Hrs	Mob-de Mob	Completed
GWE (A, B, E)	Every Visit				
GWE (C, D, G)	Monthly				
GWE (F)	Quarterly				

Monthly = once a month during week 1

Quarterly = once every quarter during months 1,4,7,10

Comments:

System Under Compliance: Yes

(If no, was the Engineer/PM contacted?)

Field Technician Response:

Completed by:	DiRoss	Date:	3/22/06
Arrival time:	10:00	Departure time:	1045
Sample this visit?:	NO	Engineer contacted?	NO

SS
03/23/06

Date: 3/22/06

Groundwater Extraction & Treatment System
ARCO Service Station No. 0608
17601 Hesperian Blvd.
San Lorenzo CA

System Description:

Groundwater Extraction Wells

Extraction Well	Size	Type	Control	Screen Interval	Set Depth (TOB)	Well Online (Yes/No)	Totalizer Reading (gallons
E-1A	3"	Electric	Auto		23.9		N/A

Abatement Device: Carbon Vessels: three ASC-2,400 lbs
Filter: Rosedale P2 25 micron

Equipment Required: pH meter, conductivity and temp meter, water level meter

PART A: SYSTEM DATA (twice a month during week 1 & 3)

System on upon arrival? on-line (if no, specify reason in comments)
System on departure? on-line (if no, specify reason in comments)
Filter Changed? No

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4637100	
ELECTRIC METER READING (kWh)	46567	N/A
Hour Meter Reading (hrs)	28199.4	N/A
Holding Tank Level	N/A	
FILTER INLET PRESSURE (psig)	(Change filter if pressure > 30 psig) 5	After changing filter =
CARBON #1 INLET PRESSURE (psig	(Backflush if pressure > 20 psig) 4.5	After backflush =
CARBON #2 INLET PRESSURE (psig	(Backflush if pressure > 10 psig) 5	After backflush =
CARBON #3 INLET PRESSURE (psig	(Backflush if pressure > 10 psig) 3.5	After backflush =
DISCHARGE PRESSURE (psig)	0	
EFF FLOW RATE (gpm)	0.8 gpm	

PART B: COMMENTS

Containment pad flooded w/ apparent storm water accumulation. Pad was drained

PART C: WELL DATA (Monthly)
*** Allow system to run 1 hour before obtaining DTW readings**

Well ID	Size	Time	DTW (Feet)	TD (Feet)
E-1A				
UST-A				
UST-B				
SP1-V4				

PART D: SAMPLING & READINGS (Monthly during week 1)

SAMPLE	ANALYSIS	BOTTLE REQUIREMENT	COMPLETE
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	N/A
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
EFFLUENT	GRO/BTEX /Fuel Oxys (EPA 8260), COD (410.4), TSS (160.2), 14*day TAT*	3X40 mL HCl VOA's, 1unpreserved, 1 H_2SO_4	
TRIP BLANK	GRO/BTEX, EPA 8260 *(on Hold)*	3X40 mL VOA supplied by the lab	✓

PART E: SYSTEM MAINTENANCE (Every Visit)

Sump Pump Tested?	N/A	Enclosure Swept?	YES
Test Compound Float Switch?	YES	Test Filter Pressure Switch?	NO
Air Solenoid Valve?	N/A	Number of Spare Filters On Site?	2
Test Holding Tank Switches?	N/A		

PART F: SYSTEM MAINTENANCE (Months 1, 4, 7, 10)

Submerssible Pumps Checked?	NO	Flow Totnlizers Cleaned?	NO
Control Logics Checked?	NO		

PART G: READINGS (Monthly during week 1)

EFFLUENT	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
permit limits:	5.5 to 12.5	150°F		

SEVERN TRENT STL

Submission#: 2006-01-0131

URS-Oakland, CA

February 15, 2006

1333 Broadway, Suite 800
Oakland, CA 94612

Attn.: Scott Robinson

Project#: 38487015
Project: Station 608
Site: 17601 Hesperian Blvd., San Lorenzo

Attached is our report for your samples received on 01/16/2006 15:40
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

The report contains a Case Narrative detailing sample receipt and analysis.

Please note that any unused portion of the samples will be discarded after 03/02/2006 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour

Afsaneh Salimpour
Project Manager

SEVERN TRENT STL

Submission#: 2006-01-0131

URS-Oakland, CA

February 15, 2006

1333 Broadway, Suite 800
Oakland, CA 94612

Attn.: Scott Robinson

Project#: 38487015
Project: Station 608
Site: 17601 Hesperian Blvd., San Lorenzo

Case Narrative

General and Sample Comments

We (STL San Francisco) received 5 Water samples , on Monday, January 16, 2006 3:40 PM.

SEVERN TRENT STL

Submission: 2006-01-0131

Total Suspended Solids (TSS)

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EFFL-011206	01/12/2006 09:45	Water	4

Total Suspended Solids (TSS)

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s):	160.2	Test(s):	160.2
Sample ID:	**EFFL-011206**	Lab ID:	2006-01-0131 - 4
Sampled:	01/12/2006 09:45	Extracted:	1/24/2006 16:00
Matrix:	Water	QC Batch#:	2006/01/24-01.29

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
TSS	ND	20	mg/L	1.00	01/25/2006 11:00	

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 160.2
Method Blank

Water

Test(s): 160.2
QC Batch # 2006/01/24-01.29

MB: 2006/01/24-01.29-001

Date Extracted: 01/24/2006 16:00

Compound	Conc.	RL	Unit	Analyzed	Flag
TSS	ND	20	mg/L	01/25/2006 11:00	

Total Suspended Solids (TSS)

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 160.2

Test(s): 160.2

Laboratory Control Spike **Water** **QC Batch # 2006/01/24-01.29**

LCS 2006/01/24-01.29-002 Extracted: 01/24/2006 Analyzed: 01/25/2006 11:00
LCSD 2006/01/24-01.29-003 Extracted: 01/24/2006 Analyzed: 01/25/2006 11:00

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
TSS	804	805	1000	80.4	80.5	0.1	80-120	20		

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 160.2 Test(s): 160.2

Duplicate Sample Results (DUP) **Water** **QC Batch # 2006/01/24-01.29**

EFFL-011206 >> DUP Lab ID: 2006-01-0131-004

Dup: 2006/01/24-01.29-004 Extracted: 01/24/2006 16:00 Analyzed: 01/25/2006 11:00
Dilution: 1.00

Compound	DUP Result	Sample Result	Unit	RPD	Flag
TSS	ND	ND	mg/L	0.0	

SEVERN TRENT STL

Submission: 2006-01-0131

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF-011206	01/12/2006 10:05	Water	1
MID-1-011206	01/12/2006 10:00	Water	2
MID-2-011206	01/12/2006 09:55	Water	3
EFFL-011206	01/12/2006 09:45	Water	4

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s): 5030B
Sample ID: **INF-011206**
Sampled: 01/12/2006 10:05
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2006-01-0131 - 1
Extracted: 1/25/2006 13:09
QC Batch#: 2006/01/25-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	01/25/2006 13:09	
Benzene	ND	0.50	ug/L	1.00	01/25/2006 13:09	
Toluene	ND	0.50	ug/L	1.00	01/25/2006 13:09	
Ethylbenzene	ND	0.50	ug/L	1.00	01/25/2006 13:09	
Total xylenes	ND	1.0	ug/L	1.00	01/25/2006 13:09	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/25/2006 13:09	
Methyl tert-butyl ether (MTBE)	16	0.50	ug/L	1.00	01/25/2006 13:09	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	01/25/2006 13:09	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	01/25/2006 13:09	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	01/25/2006 13:09	
Surrogate(s)						
1,2-Dichloroethane-d4	88.8	73-130	%	1.00	01/25/2006 13:09	
Toluene-d8	88.5	81-114	%	1.00	01/25/2006 13:09	

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s): 5030B
Sample ID: **MID-1-011206**
Sampled: 01/12/2006 10:00
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2006-01-0131 - 2
Extracted: 1/25/2006 12:48
QC Batch#: 2006/01/25-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	01/25/2006 12:48	
Benzene	ND	0.50	ug/L	1.00	01/25/2006 12:48	
Toluene	ND	0.50	ug/L	1.00	01/25/2006 12:48	
Ethylbenzene	ND	0.50	ug/L	1.00	01/25/2006 12:48	
Total xylenes	ND	1.0	ug/L	1.00	01/25/2006 12:48	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/25/2006 12:48	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/25/2006 12:48	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	01/25/2006 12:48	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	01/25/2006 12:48	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	01/25/2006 12:48	
Surrogate(s)						
1,2-Dichloroethane-d4	91.4	73-130	%	1.00	01/25/2006 12:48	
Toluene-d8	87.1	81-114	%	1.00	01/25/2006 12:48	

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s): 5030B
Sample ID: **MID-2-011206**
Sampled: 01/12/2006 09:55
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2006-01-0131 - 3
Extracted: 1/25/2006 12:26
QC Batch#: 2006/01/25-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	01/25/2006 12:26	
Benzene	ND	0.50	ug/L	1.00	01/25/2006 12:26	
Toluene	ND	0.50	ug/L	1.00	01/25/2006 12:26	
Ethylbenzene	ND	0.50	ug/L	1.00	01/25/2006 12:26	
Total xylenes	ND	1.0	ug/L	1.00	01/25/2006 12:26	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/25/2006 12:26	
Methyl tert-butyl ether (MTBE)	1.6	0.50	ug/L	1.00	01/25/2006 12:26	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	01/25/2006 12:26	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	01/25/2006 12:26	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	01/25/2006 12:26	
Surrogate(s)						
1,2-Dichloroethane-d4	93.1	73-130	%	1.00	01/25/2006 12:26	
Toluene-d8	88.0	81-114	%	1.00	01/25/2006 12:26	

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s): 5030B
Sample ID: **EFFL-011206**
Sampled: 01/12/2006 09:45
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2006-01-0131 - 4
Extracted: 1/25/2006 11:21
QC Batch#: 2006/01/25-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	01/25/2006 11:21	
Benzene	ND	0.50	ug/L	1.00	01/25/2006 11:21	
Toluene	ND	0.50	ug/L	1.00	01/25/2006 11:21	
Ethylbenzene	ND	0.50	ug/L	1.00	01/25/2006 11:21	
Total xylenes	ND	1.0	ug/L	1.00	01/25/2006 11:21	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	01/25/2006 11:21	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	01/25/2006 11:21	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	01/25/2006 11:21	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	01/25/2006 11:21	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	01/25/2006 11:21	
Surrogate(s)						
1,2-Dichloroethane-d4	91.0	73-130	%	1.00	01/25/2006 11:21	
Toluene-d8	86.6	81-114	%	1.00	01/25/2006 11:21	

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B
Method Blank

Water

Test(s): 8260B
QC Batch # 2006/01/25-1A.64

MB: 2006/01/25-1A.64-002

Date Extracted: 01/25/2006 10:02

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	01/25/2006 10:02	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	01/25/2006 10:02	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	01/25/2006 10:02	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	01/25/2006 10:02	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	01/25/2006 10:02	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	01/25/2006 10:02	
Benzene	ND	0.5	ug/L	01/25/2006 10:02	
Toluene	ND	0.5	ug/L	01/25/2006 10:02	
Ethylbenzene	ND	0.5	ug/L	01/25/2006 10:02	
Total xylenes	ND	1.0	ug/L	01/25/2006 10:02	
Surrogates(s)					
1,2-Dichloroethane-d4	89.0	73-130	%	01/25/2006 10:02	
Toluene-d8	88.4	81-114	%	01/25/2006 10:02	

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2006/01/25-1A.64**

LCS 2006/01/25-1A.64-019 Extracted: 01/25/2006 Analyzed: 01/25/2006 09:19
LCSD 2006/01/25-1A.64-040 Extracted: 01/25/2006 Analyzed: 01/25/2006 09:40

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.0	24.8	25	100.0	99.2	0.8	65-165	20		
Benzene	24.4	25.0	25	97.6	100.0	2.4	69-129	20		
Toluene	28.1	27.8	25	112.4	111.2	1.1	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	435	436	500	87.0	87.2		73-130			
Toluene-d8	448	438	500	89.6	87.6		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 01/16/2006 15:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2006/01/25-1A.64**

EFFL-011206 >> MS

Lab ID: 2006-01-0131 - 004

MS: 2006/01/25-1A.64-043 Extracted: 01/25/2006 Analyzed: 01/25/2006 11:43

Dilution: 1.00

MSD: 2006/01/25-1A.64-004 Extracted: 01/25/2006 Analyzed: 01/25/2006 12:04

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	27.8	27.5	ND	25	111.2	110.0	1.1	65-165	20		
Benzene	26.8	27.4	ND	25	107.2	109.6	2.2	69-129	20		
Toluene	29.7	29.7	ND	25	118.8	118.8	0.0	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	444	433		500	88.8	86.6		73-130			
Toluene-d8	436	444		500	87.2	88.8		81-114			

SEVERN TRENT STL

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921
www.stl-inc.com

January 26, 2006

STL LOT NUMBER: **E6A180284**
PO/CONTRACT: 2006-01-0131

Afsaneh Salimpour
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Dear Afsaneh Salimpour,

This report contains the analytical results for the sample received under chain of custody by STL Los Angeles on on January 18, 2006. This sample is associated with your ARCO Station 608 project.

STL Los Angeles certifies that the test results provided in this report meet all the requirements of NELAC. NELAP Certification Number for STL Los Angeles is 01118CA.

All applicable quality control procedures met method-specified acceptance criteria. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. See Project Receipt Checklist for container temperature and conditions. Temperature reading between 2 to 6 degrees Celsius is considered within acceptable criteria. Any matrix related anomaly is footnoted within the report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

This report contains 000017 pages.

If you have any questions, please feel free to call me.

Sincerely,

Terry Swart
Project Management Assistant
CC: Project File

SEVERN TRENT STL

Date Shipped: 1/17/2006

Chain of Custody E6A180284 **2006-01-0131 - 1**

From:

STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

Project Manager:	Afsaneh Salimpour		
Phone: (925) 484-1919	Ext: 107		
Fax:	(925) 484-1096		
Email:	asalimpour@stl-inc.com		

To:

STL Los Angeles - Sub contract
1721 South Grand Avenue
Santa Ana, CA 92705

Phone:	(714) 258-8610	Ext:	
Fax:	(714) 258-0921		
Contact:	Sample Control		
Phone:	(714) 258-8610	Ext:	

CL Submission #: 2006-01-0131
CL PO #:

Project #: 38487015
Project Name: Station 608
EDF Global ID: T000100085

Client Sample ID / Analysis	CL#	Sampled	Matrix / Method	TAT
EFFL-011206	4	1/12/2006 9:45:00AM	Water	
EDF Field ID: EFFL-011206				
Subcontract - COD			410.4	5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature Time 1500	Signature Time	Signature Time
Printed Name Date 1-17-06	Printed Name Date	Printed Name Date
Company STL	Company	Company
RECEIVED BY: 10:30	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature Time	Signature Time	Signature Time
Printed Name Steve Gonzales Date 1/18/06	Printed Name Date	Printed Name Date
Company STL	Company	Company

E6A180284

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 1/18/06

Single Cooler Only

LIMS Lot #: E6A180284 Quote #: 60113

Client Name: STL-SF Project: Station 608 O+M remediation

Received by: SG Date/Time Received: 1/18/06 10:30

Delivered by : ☐ Client ☐ STL ☐ DHL ☒ Fed Ex ☐ UPS ☐ Other _____

	Initial / Date
Custody Seal Status Cooler: ☐Intact ☐Broken ☒None	SG 1/18/06
Custody Seal Status Samples: ☐Intact ☐Broken ☒None	
Custody Seal #(s): N/A ☒No Seal #	
Sampler Signature on COC ☐ Yes ☐No ☒N/A	
IR Gun # __A_ Correction Factor __-.8_°C IR passed daily verification ☒ Yes ☐No	
Temperature - BLANK 3.0 °C - .8 CF = 2.2 °C ...Cooler #1 ID N/A	
Temperature – COOLER (____°C ____°C ____°C ____°C) = _____ avg °C - __.8 __ CF = _____°C	
Samples outside temperature criteria but received within 6 hours of final sampling ☐ Yes ☒N/A	
Sample Container(s): ☐ STL-LA ☒ Client	
pH measured: ☒ Yes ☐ Anomaly (if checked, notify lab and file NCM) ☐ N/A	
Anomalies: ☒No ☐Yes – complete CUR and Create NCM	
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒ Yes ☐ No	
Labeled by: SG	
Turn Around Time: ☐RUSH–24HR ☐RUSH–48HR ☐RUSH–72HR ☒NORMAL	SG 1/18/06

********** LEAVE NO BLANK SPACES ; USE N/A **********

Headspace Anomaly ☐YES ☒N/A SG 1/18/06

Lab ID	Container(s) #	Headspace	Lab ID	Container(s) #	Headspace
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm

LIMS Lot # E6A180284

PROJECT RECEIPT CHECKLIST Cont'd

Fraction														
VOAH														
500PB_S	1													

H: HCL, S: H2SO4, N: HNO3, V: VOA, SL, Sleeve, E: Encore, PB: Poly Bottle, CGB: Clear Glass Bottle, AGJ: Amber Glass Jar, T: Terracore AGB: Amber Glass Bottle, n/f/l:HNO3-Lab filtered, n/f:HNO3-Field filtered, znna: Zinc Acetate/Sodium Hydroxide, Na2s2o3: sodium thiosulfate

Condition Upon Receipt Anomaly Form

Anomalies ☐YES ☒N/A 1/18/06

COOLERS
- ☐ Not Received (received COC only)
- ☐ Leaking
- ☐ Other:

CUSTODY SEALS (COOLER(S))
- ☐ None
- ☐ Not Intact
- ☐ Other

CONTAINER(S)
- ☐ None
- ☐ Not Intact
- ☐ Other

TEMPERATURE (SPECS 4 ± 2°C)
- ☐ Cooler Temp(s)
- ☐ Temperature Blank(s)

CHAIN OF CUSTODY (COC)
- ☐ Not relinquished by Client; No date/time relinquished
- ☐ Incomplete information provided
- ☐ Other ☐ COC not received – notify PM

CONTAINERS
- ☐ Leaking ☐ Voa Vials with Bubbles > 6mm
- ☐ Broken
- ☐ Extra
- ☐ Without Labels
- ☐ Other:

LABELS
- ☐ Not the same ID/info as in COC
- ☐ Incomplete Information
- ☐ Markings/Info illegible
- ☐ Torn

SAMPLES
- ☐ Samples NOT RECEIVED but listed on COC
- ☐ Samples received but NOT LISTED on COC
- ☐ Logged based on Label Information
- ☐ Logged based on info from other samples on COC
- ☐ Logged according to Work Plan
- ☐ Logged on HOLD UNTIL FURTHER NOTICE

- ☐ Will be noted on COC--Client to send samples with new COC
- ☐ Mislabeled as to tests, preservatives, etc.
- ☐ Holding time expired – list sample ID and test
- ☐ Improper container used
- ☐ Not preserved/Improper preservative used
- ☐ Improper pH _____ Lab to preserve sample and document
- ☐ Insufficient quantities for analysis ☐ Other

Comments:

☐ Corrective Action Implemented:

☐ Client Informed: verbally on _____ By: _____ ☐ In writing on _____ By: _____

☐ Sample(s) on hold until: _____ ☐ Sample(s) processed "as is."

Logged by/Date: Logged in by other STL ☐ ____ Albert Langan 1-18-06

PM Review/Date: Beth Kirby 1/18/06

SEVERN TRENT STL

Analytical Report

ANALYTICAL REPORT

PROJECT NO. 2006-01-0131

ARCO Station 608

Lot #: E6A180284

Afsaneh Salimpour

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

Beth Riley
Project Manager

January 26, 2006

EXECUTIVE SUMMARY - Detection Highlights

E6A180284

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

METHODS SUMMARY

E6A180284

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SAMPLE SUMMARY

E6A180284

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HVVME	001	EFFL-011206	01/12/06	09:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

STL SAN FRANCISCO

Client Sample ID: EFFL-011206

General Chemistry

Lot-Sample #...: E6A180284-001 Work Order #...: HVVME Matrix.....: W
Date Sampled...: 01/12/06 09:45 Date Received..: 01/18/06 10:30

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)	ND	10.0	mg/L	MCAWW 410.4	01/23-01/24/06	6023319

Dilution Factor: 1 Analysis Time..: 12:25 Analyst ID.....: 000064
Instrument ID..: WI7 MS Run #.....: 6023200 MDL.....: 5.0

SEVERN TRENT STL

QA/QC

QC DATA ASSOCIATION SUMMARY

E6A180284

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	W	MCAWW 410.4		6023319	6023200

METHOD BLANK REPORT

General Chemistry

Client Lot #...: E6A180284 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		Work Order #: HV4821AA		MB Lot-Sample #:	E6A230000-319	
	ND	10.0	mg/L	MCAWW 410.4	01/23-01/24/06	6023319
		Dilution Factor: 1				
		Analysis Time..: 12:21		Analyst ID.....: 000064	Instrument ID..: W17	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: E6A180284 Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		Work Order #: HV4821AC	LCS Lot-Sample#: E6A230000-319		
	102	(80 - 120)	MCAWW 410.4	01/23-01/24/06	6023319

Dilution Factor: 1 Analysis Time..: 12:20 Analyst ID.....: 000064
Instrument ID..: W17

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: E6A180284 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			Work Order #: HV4821AC		LCS Lot-Sample#: E6A230000-319		
	50.0	51.1	mg/L	102	MCAWW 410.4	01/23-01/24/06	6023319
			Dilution Factor: 1		Analysis Time..: 12:20	Analyst ID.....: 000064	
			Instrument ID..: W17				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: E6A180284 **Matrix.....:** WATER
Date Sampled...: 01/16/06 14:50 **Date Received..:** 01/16/06 19:00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)	WO#: HVQ7N1A9-MS/HVQ7N1CA-MSD					MS Lot-Sample #: E6A170197-006	
	91	(80 - 120)			MCAWW 410.4	01/23-01/24/06	6023319
	91	(80 - 120)	0.70	(0-25)	MCAWW 410.4	01/23-01/24/06	6023319

Dilution Factor: 1
Analysis Time..: 12:34 Instrument ID..: W17 Analyst ID.....: 000064
MS Run #.....: 6023200

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: E6A180284 **Matrix.....:** WATER
Date Sampled...: 01/16/06 14:50 **Date Received..:** 01/16/06 19:00

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)	WO#: HVQ7N1A9-MS/HVQ7N1CA-MSD MS Lot-Sample #: E6A170197-006								
	ND	100	91.2	mg/L	91		MCAWW 410.4	01/23-01/24/06	6023319
	ND	100	90.5	mg/L	91	0.70	MCAWW 410.4	01/23-01/24/06	6023319

Dilution Factor: 1
Analysis Time..: 12:34 Instrument ID..: W17 Analyst ID.....: 000064
MS Run #.....: 6023200

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Chain of Custody Record

200205 Page of

On-site Time: 0900	Temp: 54°
Off-site Time: 1100	Temp: 55°
Sky Conditions: Cloudy	
Meteorological Events: None	
Wind Speed: N/A	Direction: N/A

Project Name: Station 608 - O&M - Remediation
BP BU/AR Region/Enfos Segment: Retail
State or Lead Regulatory Agency: Ora Loma Sanitary District
Requested Due Date (mm/dd/yy): 1/20/06
(14 - day TAT)

206-01-0131

Lab Name:	STL-SF (Pleasanton)	BP/AR Facility No.:	Station 608	Consultant/Contractor:	URS Oakland
Address:	1220 Quarry Lane	BP/AR Facility Address:	17601 Hesperian Blvd. San Lorenzo	Address:	1333 Broadway, Suite 800
	Pleasanton CA. 94566	Site Lat/Long:	37.673888 / -122.123		Oakland CA 94612
Lab PM:	Afsaneh Salimpour	California Global ID No.:	T0600100085	Consultant/Contractor Project No.:	38487015
Tele/Fax:	925.484.1919/925.484.1096	Enfos Project No.:	GOC24-0005	Consultant/Contractor PM:	Scott Robinson
BP/AR PM Contact:	Paul Supple	Provision or RCOP :	Provision	Tele/Fax:	510.893.3600/510.874.3268
Address:	P.O. Box 6549	Phase/WBS:	03 - O&M	Report Type & QC Level:	Level 1 and EDF
	Moraga CA 94570	Sub Phase/Task:	03 - Analytical	E-mail EDD To:	Donna_Cosper@urscorp.com
Tele/Fax:	925.299.8891/925.299.8872	Cost Element:	05 - Subcontractor Costs	Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Battle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: BTEX/Oxy/TPH (8260)	Requested Analysis: COD (410.4)	Requested Analysis: TSS (160.2)	Sample Point Lat/Long and Comment
1	INF - 011206	1005	1/12/06		X			3				X		X			
2	MID-1 - 011206	1000			X			3				X		X			
3	MID-2 - 011206	0955			X			3				X		X			
4	EFFL - 011206	0945			X			3				X		X			
5	EFFL - 011206	0945			X			1	X						X		
6	EFFL - 011206	0945			X			1		X					X		
7	TRIP BLANK - 011206	0910	1/12/06		X			6				X					HOLD
8								DH									
9																	
10																	

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Darin Ross		1/12/06	1221		1/12/06	1221
Sampler's Company: URS Corp		1/13/06	1140		1/13/06	1140
Shipment Date: 1/12/06 / 1/13/06		1/16	1540		1-16-06	1540
Shipment Method: Hand						
Shipment Tracking No:						

Special Instructions:

Custody Seals In Place Yes X No Temp Blank Yes X No Cooler Temperature on Receipt 3 °F/C Trip Blank Yes X No

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

BP COC Rev. 4 10/1/04

SEVERN TRENT STL

Submission#: 2006-02-0020

URS-Oakland, CA

February 28, 2006

1333 Broadway, Suite 800
Oakland, CA 94612

Attn.: Scott Robinson

Project#: 38487015
Project: 608
Site: 17601 Hesperian Blvd, San Lorenzo

Attached is our report for your samples received on 02/08/2006 12:40
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

The report contains a Case Narrative detailing sample receipt and analysis.

Please note that any unused portion of the samples will be discarded after 03/25/2006 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,

Afsaneh Salimpour

Afsaneh Salimpour
Project Manager

SEVERN TRENT STL

Submission#: 2006-02-0020

URS-Oakland, CA

February 28, 2006

1333 Broadway, Suite 800
Oakland, CA 94612

Attn.: Scott Robinson

Project#: 38487015
Project: 608
Site: 17601 Hesperian Blvd, San Lorenzo

Case Narrative

General and Sample Comments

We (STL San Francisco) received 5 Water samples , on Wednesday, February 08, 2006 12:40 PM.

SEVERN TRENT STL

Submission: 2006-02-0020

Total Suspended Solids (TSS)

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EFFL-020806	02/08/2006 11:40	Water	4

Total Suspended Solids (TSS)

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Prep(s):	160.2	Test(s):	160.2
Sample ID:	**EFFL-020806**	Lab ID:	2006-02-0020 - 4
Sampled:	02/08/2006 11:40	Extracted:	2/14/2006 09:43
Matrix:	Water	QC Batch#:	2006/02/14-01.29

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
TSS	ND	20	mg/L	1.00	02/14/2006 15:45	

Total Suspended Solids (TSS)

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Batch QC Report

Prep(s): 160.2
Method Blank
MB: 2006/02/14-01.29-001

Water

Test(s): 160.2
QC Batch # 2006/02/14-01.29
Date Extracted: 02/14/2006 09:43

Compound	Conc.	RL	Unit	Analyzed	Flag
TSS	ND	20	mg/L	02/14/2006 15:45	

Total Suspended Solids (TSS)

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Batch QC Report

Prep(s): 160.2

Test(s): 160.2

Laboratory Control Spike **Water** **QC Batch # 2006/02/14-01.29**

LCS 2006/02/14-01.29-002 Extracted: 02/14/2006 Analyzed: 02/14/2006 15:45
LCSD 2006/02/14-01.29-003 Extracted: 02/14/2006 Analyzed: 02/14/2006 15:45

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
TSS	879	851	1000	87.9	85.1	3.2	80-120	20		

SEVERN TRENT STL

Submission: 2006-02-0020

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF-020806	02/08/2006 11:55	Water	1
MID-1-020806	02/08/2006 11:50	Water	2
MID-2-020806	02/08/2006 11:45	Water	3
EFFL-020806	02/08/2006 11:40	Water	4

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**INF-020806**	Lab ID:	2006-02-0020 - 1
Sampled:	02/08/2006 11:55	Extracted:	2/18/2006 19:31
Matrix:	Water	QC Batch#:	2006/02/18-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	60	50	ug/L	1.00	02/18/2006 19:31	
Benzene	ND	0.50	ug/L	1.00	02/18/2006 19:31	
Toluene	ND	0.50	ug/L	1.00	02/18/2006 19:31	
Ethylbenzene	ND	0.50	ug/L	1.00	02/18/2006 19:31	
Total xylenes	ND	1.0	ug/L	1.00	02/18/2006 19:31	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	02/18/2006 19:31	
Methyl tert-butyl ether (MTBE)	15	0.50	ug/L	1.00	02/18/2006 19:31	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	02/18/2006 19:31	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	02/18/2006 19:31	
tert-Amyl methyl ether (TAME)	0.63	0.50	ug/L	1.00	02/18/2006 19:31	
Surrogate(s)						
1,2-Dichloroethane-d4	107.1	73-130	%	1.00	02/18/2006 19:31	
Toluene-d8	96.5	81-114	%	1.00	02/18/2006 19:31	

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Prep(s): 5030B
Sample ID: **MID-1-020806**
Sampled: 02/08/2006 11:50
Matrix: Water

Test(s): 8260B
Lab ID: 2006-02-0020 - 2
Extracted: 2/18/2006 19:54
QC Batch#: 2006/02/18-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	55	50	ug/L	1.00	02/18/2006 19:54	
Benzene	ND	0.50	ug/L	1.00	02/18/2006 19:54	
Toluene	ND	0.50	ug/L	1.00	02/18/2006 19:54	
Ethylbenzene	ND	0.50	ug/L	1.00	02/18/2006 19:54	
Total xylenes	ND	1.0	ug/L	1.00	02/18/2006 19:54	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	02/18/2006 19:54	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/18/2006 19:54	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	02/18/2006 19:54	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	02/18/2006 19:54	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	02/18/2006 19:54	
Surrogate(s)						
1,2-Dichloroethane-d4	107.2	73-130	%	1.00	02/18/2006 19:54	
Toluene-d8	98.6	81-114	%	1.00	02/18/2006 19:54	

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MID-2-020806**	Lab ID:	2006-02-0020 - 3
Sampled:	02/08/2006 11:45	Extracted:	2/18/2006 20:18
Matrix:	Water	QC Batch#:	2006/02/18-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	66	50	ug/L	1.00	02/18/2006 20:18	
Benzene	ND	0.50	ug/L	1.00	02/18/2006 20:18	
Toluene	ND	0.50	ug/L	1.00	02/18/2006 20:18	
Ethylbenzene	ND	0.50	ug/L	1.00	02/18/2006 20:18	
Total xylenes	ND	1.0	ug/L	1.00	02/18/2006 20:18	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	02/18/2006 20:18	
Methyl tert-butyl ether (MTBE)	3.3	0.50	ug/L	1.00	02/18/2006 20:18	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	02/18/2006 20:18	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	02/18/2006 20:18	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	02/18/2006 20:18	
Surrogate(s)						
1,2-Dichloroethane-d4	107.4	73-130	%	1.00	02/18/2006 20:18	
Toluene-d8	99.3	81-114	%	1.00	02/18/2006 20:18	

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

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Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**EFFL-020806**	Lab ID:	2006-02-0020 - 4
Sampled:	02/08/2006 11:40	Extracted:	2/18/2006 20:41
Matrix:	Water	QC Batch#:	2006/02/18-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	02/18/2006 20:41	
Benzene	ND	0.50	ug/L	1.00	02/18/2006 20:41	
Toluene	ND	0.50	ug/L	1.00	02/18/2006 20:41	
Ethylbenzene	ND	0.50	ug/L	1.00	02/18/2006 20:41	
Total xylenes	ND	1.0	ug/L	1.00	02/18/2006 20:41	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	02/18/2006 20:41	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/18/2006 20:41	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	02/18/2006 20:41	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	02/18/2006 20:41	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	02/18/2006 20:41	
Surrogate(s)						
1,2-Dichloroethane-d4	106.7	73-130	%	1.00	02/18/2006 20:41	
Toluene-d8	101.0	81-114	%	1.00	02/18/2006 20:41	

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Batch QC Report

Prep(s): 5030B
Method Blank

Water

Test(s): 8260B
QC Batch # 2006/02/18-1A.69

MB: 2006/02/18-1A.69-034

Date Extracted: 02/18/2006 13:34

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	02/18/2006 13:34	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	02/18/2006 13:34	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	02/18/2006 13:34	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	02/18/2006 13:34	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	02/18/2006 13:34	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	02/18/2006 13:34	
Benzene	ND	0.5	ug/L	02/18/2006 13:34	
Toluene	ND	0.5	ug/L	02/18/2006 13:34	
Ethylbenzene	ND	0.5	ug/L	02/18/2006 13:34	
Total xylenes	ND	1.0	ug/L	02/18/2006 13:34	
Surrogates(s)					
1,2-Dichloroethane-d4	107.4	73-130	%	02/18/2006 13:34	
Toluene-d8	97.6	81-114	%	02/18/2006 13:34	

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2006/02/18-1A.69**

LCS 2006/02/18-1A.69-049 Extracted: 02/18/2006 Analyzed: 02/18/2006 12:49

LCSD 2006/02/18-1A.69-011 Extracted: 02/18/2006 Analyzed: 02/18/2006 13:11

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.6	23.2	25	94.4	92.8	1.7	65-165	20		
Benzene	24.5	24.0	25	98.0	96.0	2.1	69-129	20		
Toluene	23.9	23.6	25	95.6	94.4	1.3	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	526	537	500	105.2	107.4		73-130			
Toluene-d8	500	502	500	100.0	100.4		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2006/02/18-1A.69**

MS/MSD

Lab ID: 2006-02-0023 - 015

MS: 2006/02/18-1A.69-058 Extracted: 02/18/2006 Analyzed: 02/18/2006 13:58

Dilution: 1.00

MSD: 2006/02/18-1A.69-020 Extracted: 02/18/2006 Analyzed: 02/18/2006 14:20

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	115	117	94.9	25	80.4	88.4	9.5	65-165	20		
Benzene	26.6	23.8	ND	25	106.4	95.2	11.1	69-129	20		
Toluene	25.7	22.8	ND	25	102.8	91.2	12.0	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	519	548		500	103.8	109.6		73-130			
Toluene-d8	507	501		500	101.4	100.2		81-114			

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921
www.stl-inc.com

February 14, 2006

STL LOT NUMBER: **E6B090228**
PO/CONTRACT: 2006-02-0020-1

Afsaneh Salimpour
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Dear Afsaneh Salimpour,

This report contains the analytical results for the sample received under chain of custody by STL Los Angeles on on February 9, 2006. This sample is associated with your 38487015/608 project.

STL Los Angeles certifies that the test results provided in this report meet all the requirements of NELAC. NELAP Certification Number for STL Los Angeles is 01118CA.

All applicable quality control procedures met method-specified acceptance criteria. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. See Project Receipt Checklist for container temperature and conditions. Temperature reading between 2 to 6 degrees Celsius is considered within acceptable criteria. Any matrix related anomaly is footnoted within the report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

This report contains **000015** pages.

If you have any questions, please feel free to call me at (714) 258-8610.

Sincerely,

Terry Swart
Project Management Assistant
CC: Project File

SEVERN TRENT **STL**

Chain of Custody E6B090228

Date Shipped: 2/8/2006

2006-02-0020 - 1

From:

STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

Project Manager:	Afsaneh Salimpour	
Phone: (925) 484-1919	Ext: 107	
Fax:	(925) 484-1096	
Email:	asalimpour@stl-inc.com	

To:

STL Los Angeles - Sub contract
1721 South Grand Avenue
Santa Ana, CA 92705

Phone: (714) 258-8610	Ext:	
Fax: (714) 258-0921		
Contact: Sample	Control	
Phone: (714) 258-8610	Ext:	

CL Submission #: 2006-02-0020
CL PO #:

Project #: 38487015
Project Name: 608
EDF Global ID: T000100085

Client Sample ID / Analysis	CL#	Sampled	Matrix / Method	TAT
EFFL-020806	4	2/8/2006 11:40:00AM	Water	
EDF Field ID: EFFL				
Subcontract - COD			410.4	5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

BP

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: [signature] Time: 14:00	Signature: Time:	Signature: Time:
Printed Name: SHAWN KROSTOL Date: 2/6/06	Printed Name: Date:	Printed Name: Date:
Company: STL	Company:	Company:
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY: 3.**
Signature: [signature] Time: 11:00	Signature: Time:	Signature: Time:
Printed Name: STEVE GONZALES Date: 2/9/06	Printed Name: Date:	Printed Name: Date:
Company: STL-LA	Company:	Company:

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 2/9/06

Single Cooler Only

LIMS Lot #: E6B090228 Quote #: 60113

Client Name: STL-SF Project: 6008

Received by: SG Date/Time Received: 2/9/06 11:00

Delivered by : ☐ Client ☐ STL ☐ DHL ☒ Fed Ex ☐ UPS ☐ Other

****

Initial / Date

Custody Seal Status Cooler: ☒ Intact ☐ Broken ☐ None ..... SG 2/9/06

Custody Seal Status Samples: ☐ Intact ☐ Broken ☒ None .....

Custody Seal #(s): 651122 ☐ No Seal #.....

Sampler Signature on COC ☐ Yes ☐ No ☒ N/A.....

IR Gun # A Correction Factor -.5 °C IR passed daily verification ☒ Yes ☐ No.....

Temperature - BLANK 5.7 °C - .5 CF = 5.2 °C ...Cooler #1 ID N/A .....

Temperature – COOLER (____°C ____°C ____°C ____°C) = ____ avg °C - .5 CF = ____ °C.....

Samples outside temperature criteria but received within 6 hours of final sampling ☐ Yes ☒ N/A..

Sample Container(s): ☐ STL-LA ☒ Client .....

pH measured: ☒ Yes ☐ Anomaly (if checked, notify lab and file NCM) ☐ N/A..

Anomalies: ☒ No ☐ Yes – complete CUR and Create NCM .....

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒ Yes ☐ No.....

Labeled by: SG .....

****

Turn Around Time: ☐ RUSH–24HR ☐ RUSH–48HR ☐ RUSH–72HR ☒ NORMAL..... SG 2/9/06

********** LEAVE NO BLANK SPACES ; USE N/A **********

Headspace Anomaly ☐ YES ☒ N/A SG 2/9/06

Lab ID	Container(s) #	Headspace	Lab ID	Container(s) #	Headspace
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm

LIMS Lot # E6B090228

PROJECT RECEIPT CHECKLIST Cont'd

Fraction	1													
VOAH														
5LPB s	1													

2/9/06

2/9/06

H: HCL, S: H2SO4, N: HNO3, V: VOA, SL, Sleeve, E: Encore, PB: Poly Bottle, CGB: Clear Glass Bottle, AGJ: Amber Glass Jar, T: Terracore
AGB: Amber Glass Bottle, n/f/l:HNO3-Lab filtered, n/f:HNO3-Field filtered, znna: Zinc Acetate/Sodium Hydroxide, Na2s2o3: sodium thiosulfate

Condition Upon Receipt Anomaly Form

Anomalies ☐YES ☒N/A 2/9/06

COOLERS
- ☐ Not Received (received COC only)
- ☐ Leaking
- ☐ Other:

CUSTODY SEALS (COOLER(S)
- ☐ None
- ☐ Not Intact
- ☐ Other

CONTAINER(S)
- ☐ None
- ☐ Not Intact
- ☐ Other

TEMPERATURE (SPECS 4 ± 2°C)
- ☐ Cooler Temp(s)
- ☐ Temperature Blank(s)

CHAIN OF CUSTODY (COC)
- ☐ Not relinquished by Client; No date/time relinquished
- ☐ Incomplete information provided
- ☐ Other ☐ COC not received – notify PM.

CONTAINERS
- ☐ Leaking ☐ Voa Vials with Bubbles > 6mm
- ☐ Broken
- ☐ Extra
- ☐ Without Labels
- ☐ Other:

LABELS
- ☐ Not the same ID/info as in COC
- ☐ Incomplete Information
- ☐ Markings/Info illegible
- ☐ Torn

SAMPLES
- ☐ Samples NOT RECEIVED but listed on COC
- ☐ Samples received but NOT LISTED on COC
- ☐ Logged based on Label Information
- ☐ Logged based on info from other samples on COC
- ☐ Logged according to Work Plan
- ☐ Logged on HOLD UNTIL FURTHER NOTICE

- ☐ Will be noted on COC--Client to send samples with new COC
- ☐ Mislabeled as to tests, preservatives, etc.
- ☐ Holding time expired – list sample ID and test
- ☐ Improper container used
- ☐ Not preserved/Improper preservative used
- ☐ Improper pH _____ Lab to preserve sample and document
- ☐ Insufficient quantities for analysis ☐ Other

Comments:

☐ Corrective Action Implemented:

☐ Client Informed: verbally on _____ By: _____ ☐ In writing on _____ By: _____

☐ Sample(s) on hold until: _____ ☐ Sample(s) processed "as is."

Logged by/Date: Logged in by other STL ☐ ___ Wendi Morgan 2-9-06

~~PM Review/Date:~~ 020906

SEVERN TRENT STL

Analytical Report

ANALYTICAL REPORT

PROJECT NO. 2006-02-0020-1

38487015/608

Lot #: E6B090228

Afsaneh Salimpour

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

Beth Riley
Project Manager

February 13, 2006

EXECUTIVE SUMMARY - Detection Highlights

E6B090228

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

METHODS SUMMARY

E6B090228

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SAMPLE SUMMARY

E6B090228

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HW5TD	001	EFFL-020806	02/08/06	11:40

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

STL SAN FRANCISCO

Client Sample ID: EFFL-020806

General Chemistry

Lot-Sample #...: E6B090228-001 Work Order #...: HW5TD Matrix.....: W
Date Sampled...: 02/08/06 11:40 Date Received..: 02/09/06 11:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)	ND	10.0	mg/L	MCAWW 410.4	02/09-02/10/06	6040417

Dilution Factor: 1 Analysis Time..: 12:28 Analyst ID.....: 000064
Instrument ID..: W17 MS Run #.....: MDL.....: 5.0

SEVERN TRENT STL

QA/QC

QC DATA ASSOCIATION SUMMARY

E6B090228

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	W	MCAWW 410.4		6040417	

METHOD BLANK REPORT

General Chemistry

Client Lot #...: E6B090228 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		Work Order #: HW6AG1AA		MB Lot-Sample #:	E6B090000-417	
	ND	10.0	mg/L	MCAWW 410.4	02/09-02/10/06	6040417
		Dilution Factor: 1				
		Analysis Time..: 12:26		Analyst ID.....: 000064	Instrument ID..: W17	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: E6B090228 Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)		Work Order #: HW6AG1AC	LCS Lot-Sample#: E6B090000-417		
	102	(80 - 120)	MCAWW 410.4	02/09-02/10/06	6040417

Dilution Factor: 1 Analysis Time..: 12:25 Analyst ID.....: 000064
Instrument ID..: W17

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: E6B090228 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chemical Oxygen Demand (COD)			Work Order #: HW6AG1AC		LCS Lot-Sample#: E6B090000-417		
	50.0	50.9	mg/L	102	MCAWW 410.4	02/09-02/10/06	6040417
			Dilution Factor: 1		Analysis Time..: 12:25	Analyst ID.....: 000064	
			Instrument ID..: W17				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

bp

Chain of Custody Record

2006-02-0020

Project Name: Station 608 - O&M - Remediation
BP BU/AR Region/Enfos Segment: Retail
State or Lead Regulatory Agency: Oro Loma Sanitary District
Requested Due Date (mm/dd/yy): 02/22/06
(14-day TAT)

On-site Time:	1130	Temp:	60°
Off-site Time:	1215	Temp:	60°
Sky Conditions:	CLEAR		
Meteorological Events:	NONE		
Wind Speed:	N/A	Direction:	N/A

Lab Name:	STL-SF (Pleasanton)	BP/AR Facility No.:	Station 608	Consultant/Contractor:	URS Oakland
Address:	1220 Quarry Lane	BP/AR Facility Address:	17601 Hesperian Blvd, San Lorenzo	Address:	1333 Broadway, Suite 800
	Pleasanton CA. 94566	Site Lat/Long:	37.673888 / -122.123		Oakland CA 94612
Lab PM:	Afsaneh Salimpour	California Global ID No.:	T0001100085	Consultant/Contractor Project No.:	38487015
Tele/Fax:	925.484.1919/925.484.1096	Enfos Project No.:	G0C24-0005	Consultant/Contractor PM:	Scott Robinson
BP/AR PM Contact:	Paul Supple	Provision or RCOP:	Provision	Tele/Fax:	510.893.3600/510.874.3268
Address:	P.O. Box 6549	Phase/WBS:	03 - O&M	Report Type & QC Level:	Level 1 and EDF
	Moraga CA 94570	Sub Phase/Task:	03 - Analytical	E-mail EDD To:	Donna.Cosper@urscorp.com
Tele/Fax:	925.299.8891/925.299.8872	Cost Element:	05 - Subcontractor Costs	Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: BTEX/Oxy/TPH (8260)	Requested Analysis: COD (410.4)	Requested Analysis: TSS (160.2)	Sample Point Lat/Long and Comment
1	INF -020806	1155	2/8/06		X			3				X		X			
2	MID-1 -020806	1150			X			3				X		X			
3	MID-2 -020806	1145			X			3				X		X			
4	EFFL -020806	1140			X			3				X		X			
5	EFFL -020806	1140			X			1	X							X	
6	EFFL -020806	1140			X			1		X					X		
7	TRIP BLANK-020806	1130	✓		X			3				X					HOLD
8																	
9																	
10																	

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: D. Kaso						
Sampler's Company: URS Group		2/8/06	1240		2-8-06	1240
Shipment Date: 2/8/06						
Shipment Method: Hand Deliver						
Shipment Tracking No: —						

Special Instructions:

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

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31 March, 2006

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MPC0243

Enclosed are the results of analyses for samples received by the laboratory on 03/06/06 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

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

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0243
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Donna Cosper	03/31/06 13:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
INF	MPC0243-01	Water	03/06/06 11:40	03/06/06 15:30
MID-1	MPC0243-02	Water	03/06/06 11:35	03/06/06 15:30
MID-2	MPC0243-03	Water	03/06/06 11:30	03/06/06 15:30
EFFL	MPC0243-04	Water	03/06/06 11:20	03/06/06 15:30
TRIP BLANK	MPC0243-05	Water	03/06/06 10:30	03/06/06 15:30

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

These samples were received with no custody seals.

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.

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0243
1333 Broadway, Suite 800	Project Number:G0C24-0012	Reported:
Oakland CA, 94612	Project Manager:Donna Cosper	03/31/06 13:29

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
INF (MPC0243-01) Water Sampled: 03/06/06 11:40 Received: 03/06/06 15:30									
tert-Amyl methyl ether	**0.64**	0.50	ug/l	1	6C18001	03/18/06	03/18/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**16**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*60-135*		"	"	"	"	
Surrogate: Toluene-d8		*107 %*	*70-120*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*65-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*70-120*		"	"	"	"	
MID-1 (MPC0243-02) Water Sampled: 03/06/06 11:35 Received: 03/06/06 15:30									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6C18001	03/18/06	03/18/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*94 %*	*60-135*		"	"	"	"	
Surrogate: Toluene-d8		*104 %*	*70-120*		"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*65-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*70-120*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0243
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Donna Cosper	03/31/06 13:29

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MID-2 (MPC0243-03) Water Sampled: 03/06/06 11:30 Received: 03/06/06 15:30									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6C18011	03/18/06	03/18/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	PE
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**3.0**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*60-135*		"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*70-120*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*65-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*70-120*		"	"	"	"	
EFFL (MPC0243-04) Water Sampled: 03/06/06 11:20 Received: 03/06/06 15:30									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6C18011	03/18/06	03/18/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	PE
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-135*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*70-120*		"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*65-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95 %*	*70-120*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0243
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Donna Cosper	03/31/06 13:29

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MPC0243-04) Water	**Sampled: 03/06/06 11:20**	**Received: 03/06/06 15:30**							
Chemical Oxygen Demand	ND	30000	ug/l	1	6C15025	03/15/06	03/15/06	EPA 410.4	
Total Suspended Solids	ND	10000	"	"	6C14038	03/09/06	03/10/06	EPA 160.2	

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1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Donna Cosper	03/31/06 13:29

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 6C18001 - EPA 5030B P/T / EPA 8260B										
Blank (6C18001-BLK1)				Prepared & Analyzed: 03/18/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	5.0	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	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	*4.93*		"	*5.00*		*99*	*60-135*			
Surrogate: Toluene-d8	*5.43*		"	*5.00*		*109*	*70-120*			
Surrogate: Dibromofluoromethane	*5.29*		"	*5.00*		*106*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*4.85*		"	*5.00*		*97*	*70-120*			
Laboratory Control Sample (6C18001-BS1)				Prepared & Analyzed: 03/18/06						
tert-Amyl methyl ether	16.1	0.50	ug/l	16.3		99	80-115			
Benzene	5.77	0.50	"	5.04		114	65-115			
tert-Butyl alcohol	163	5.0	"	169		96	75-150			
Di-isopropyl ether	17.0	0.50	"	16.2		105	75-125			
1,2-Dibromoethane (EDB)	16.3	0.50	"	16.6		98	85-120			
1,2-Dichloroethane	16.5	0.50	"	15.5		106	85-130			
Ethanol	144	100	"	165		87	70-135			
Ethyl tert-butyl ether	17.0	0.50	"	16.4		104	75-130			
Ethylbenzene	8.05	0.50	"	7.28		111	75-135			
Methyl tert-butyl ether	8.38	0.50	"	7.84		107	65-125			
Toluene	36.1	0.50	"	38.0		95	85-120			
Xylenes (total)	43.8	0.50	"	40.8		107	85-125			
Gasoline Range Organics (C4-C12)	447	50	"	440		102	60-140			
Surrogate: 1,2-Dichloroethane-d4	*5.02*		"	*5.00*		*100*	*60-135*			
Surrogate: Toluene-d8	*5.46*		"	*5.00*		*109*	*70-120*			
Surrogate: Dibromofluoromethane	*5.07*		"	*5.00*		*101*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*5.23*		"	*5.00*		*105*	*70-120*			

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0243
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Donna Cosper	03/31/06 13:29

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 6C18001 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6C18001-MS1)	**Source: MPC0315-02**			Prepared & Analyzed: 03/18/06						
tert-Amyl methyl ether	154	5.0	ug/l	163	ND	94	80-115			
Benzene	58.0	5.0	"	50.4	5.5	104	65-115			
tert-Butyl alcohol	1760	50	"	1690	67	100	75-120			
Di-isopropyl ether	168	5.0	"	162	ND	104	75-125			
1,2-Dibromoethane (EDB)	163	5.0	"	166	ND	98	85-120			
1,2-Dichloroethane	164	5.0	"	155	1.5	105	85-130			
Ethanol	2010	1000	"	1650	ND	122	70-135			
Ethyl tert-butyl ether	169	5.0	"	164	ND	103	75-130			
Ethylbenzene	74.8	5.0	"	72.8	ND	103	75-135			
Methyl tert-butyl ether	864	5.0	"	78.4	880	0	65-125			BB,LN
Toluene	355	5.0	"	380	ND	93	85-120			
Xylenes (total)	409	5.0	"	408	ND	100	85-125			
Gasoline Range Organics (C4-C12)	4960	500	"	4400	640	98	60-140			
Surrogate: 1,2-Dichloroethane-d4	*4.90*		"	*5.00*		*98*	*60-135*			
Surrogate: Toluene-d8	*5.25*		"	*5.00*		*105*	*70-120*			
Surrogate: Dibromofluoromethane	*4.87*		"	*5.00*		*97*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*4.95*		"	*5.00*		*99*	*70-120*			
Matrix Spike Dup (6C18001-MSD1)	**Source: MPC0315-02**			Prepared & Analyzed: 03/18/06						
tert-Amyl methyl ether	162	5.0	ug/l	163	ND	99	80-115	5	15	
Benzene	62.0	5.0	"	50.4	5.5	112	65-115	7	20	
tert-Butyl alcohol	1670	50	"	1690	67	95	75-120	5	25	
Di-isopropyl ether	177	5.0	"	162	ND	109	75-125	5	15	
1,2-Dibromoethane (EDB)	167	5.0	"	166	ND	101	85-120	2	15	
1,2-Dichloroethane	169	5.0	"	155	1.5	108	85-130	3	20	
Ethanol	1710	1000	"	1650	ND	104	70-135	16	35	
Ethyl tert-butyl ether	174	5.0	"	164	ND	106	75-130	3	25	
Ethylbenzene	80.5	5.0	"	72.8	ND	111	75-135	7	15	
Methyl tert-butyl ether	850	5.0	"	78.4	880	0	65-125	2	20	BB,LN
Toluene	363	5.0	"	380	ND	96	85-120	2	20	
Xylenes (total)	445	5.0	"	408	ND	109	85-125	8	20	
Gasoline Range Organics (C4-C12)	5260	500	"	4400	640	105	60-140	6	25	
Surrogate: 1,2-Dichloroethane-d4	*4.89*		"	*5.00*		*98*	*60-135*			
Surrogate: Toluene-d8	*5.11*		"	*5.00*		*102*	*70-120*			
Surrogate: Dibromofluoromethane	*4.72*		"	*5.00*		*94*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*5.08*		"	*5.00*		*102*	*70-120*			

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0243
1333 Broadway, Suite 800	Project Number:G0C24-0012	Reported:
Oakland CA, 94612	Project Manager:Donna Cosper	03/31/06 13:29

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 6C18011 - EPA 5030B P/T / EPA 8260B										
Blank (6C18011-BLK1)				Prepared & Analyzed: 03/18/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							PE
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*4.73*		"	*5.00*		*95*	*60-135*			
Surrogate: Toluene-d8	*5.21*		"	*5.00*		*104*	*70-120*			
Surrogate: Dibromofluoromethane	*4.78*		"	*5.00*		*96*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*4.99*		"	*5.00*		*100*	*70-120*			
Laboratory Control Sample (6C18011-BS1)				Prepared & Analyzed: 03/18/06						
tert-Amyl methyl ether	16.7	0.50	ug/l	16.3		102	80-115			
Benzene	6.00	0.50	"	5.04		119	65-115			HL, PE
tert-Butyl alcohol	149	20	"	169		88	75-150			
Di-isopropyl ether	17.7	0.50	"	16.2		109	75-125			
1,2-Dibromoethane (EDB)	16.5	0.50	"	16.6		99	85-120			
1,2-Dichloroethane	17.1	0.50	"	15.5		110	85-130			
Ethanol	132	300	"	165		80	70-135			
Ethyl tert-butyl ether	17.8	0.50	"	16.4		109	75-130			
Ethylbenzene	7.60	0.50	"	7.28		104	75-135			
Methyl tert-butyl ether	8.08	0.50	"	7.84		103	65-125			
Toluene	36.1	0.50	"	38.0		95	85-120			
Xylenes (total)	42.2	0.50	"	40.8		103	85-125			
Gasoline Range Organics (C4-C12)	442	50	"	440		100	60-140			
Surrogate: 1,2-Dichloroethane-d4	*5.15*		"	*5.00*		*103*	*60-135*			
Surrogate: Toluene-d8	*5.22*		"	*5.00*		*104*	*70-120*			
Surrogate: Dibromofluoromethane	*5.11*		"	*5.00*		*102*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*5.03*		"	*5.00*		*101*	*70-120*			

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Sequoia Analytical

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0243
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Donna Cosper	03/31/06 13:29

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 6C18011 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6C18011-MS1)	**Source: MPC0315-06**			Prepared: 03/18/06 Analyzed: 03/19/06						
tert-Amyl methyl ether	1640	50	ug/l	1630	ND	101	80-115			
Benzene	604	50	"	504	ND	120	65-115			HL, PE
tert-Butyl alcohol	15500	2000	"	16900	ND	92	75-120			
Di-isopropyl ether	1840	50	"	1620	ND	114	75-125			
1,2-Dibromoethane (EDB)	1660	50	"	1660	ND	100	85-120			
1,2-Dichloroethane	1760	50	"	1550	ND	114	85-130			
Ethanol	14700	30000	"	16500	ND	89	70-135			
Ethyl tert-butyl ether	1790	50	"	1640	ND	109	75-130			
Ethylbenzene	777	50	"	728	ND	107	75-135			
Methyl tert-butyl ether	5390	50	"	784	4800	75	65-125			
Toluene	3610	50	"	3800	ND	95	85-120			
Xylenes (total)	4310	50	"	4080	ND	106	85-125			
Gasoline Range Organics (C4-C12)	49900	5000	"	44000	3000	107	60-140			
Surrogate: 1,2-Dichloroethane-d4	*5.13*		"	*5.00*		*103*	*60-135*			
Surrogate: Toluene-d8	*5.19*		"	*5.00*		*104*	*70-120*			
Surrogate: Dibromofluoromethane	*4.92*		"	*5.00*		*98*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*4.94*		"	*5.00*		*99*	*70-120*			
Matrix Spike Dup (6C18011-MSD1)	**Source: MPC0315-06**			Prepared: 03/18/06 Analyzed: 03/19/06						
tert-Amyl methyl ether	1580	50	ug/l	1630	ND	97	80-115	4	15	
Benzene	582	50	"	504	ND	115	65-115	4	20	PE
tert-Butyl alcohol	15500	2000	"	16900	ND	92	75-120	0	25	
Di-isopropyl ether	1780	50	"	1620	ND	110	75-125	3	15	
1,2-Dibromoethane (EDB)	1640	50	"	1660	ND	99	85-120	1	15	
1,2-Dichloroethane	1720	50	"	1550	ND	111	85-130	2	20	
Ethanol	13800	30000	"	16500	ND	84	70-135	6	35	
Ethyl tert-butyl ether	1750	50	"	1640	ND	107	75-130	2	25	
Ethylbenzene	737	50	"	728	ND	101	75-135	5	15	
Methyl tert-butyl ether	5350	50	"	784	4800	70	65-125	0.7	20	
Toluene	3490	50	"	3800	ND	92	85-120	3	20	
Xylenes (total)	4150	50	"	4080	ND	102	85-125	4	20	
Gasoline Range Organics (C4-C12)	46900	5000	"	44000	3000	100	60-140	6	25	
Surrogate: 1,2-Dichloroethane-d4	*5.31*		"	*5.00*		*106*	*60-135*			
Surrogate: Toluene-d8	*5.34*		"	*5.00*		*107*	*70-120*			
Surrogate: Dibromofluoromethane	*5.09*		"	*5.00*		*102*	*65-130*			
Surrogate: 4-Bromofluorobenzene	*5.07*		"	*5.00*		*101*	*70-120*			

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0243
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Donna Cosper	03/31/06 13:29

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6C14038 - General Preparation / EPA 160.2										
Blank (6C14038-BLK1)				Prepared: 03/09/06 Analyzed: 03/10/06						
Total Suspended Solids	ND	10000	ug/l							
Duplicate (6C14038-DUP1)	**Source: MPC0203-05**			Prepared: 03/09/06 Analyzed: 03/10/06						
Total Suspended Solids	43000	10000	ug/l		46000			7	20	
Batch 6C15025 - General Preparation / EPA 410.4										
Blank (6C15025-BLK1)				Prepared & Analyzed: 03/15/06						
Chemical Oxygen Demand	ND	30000	ug/l							
Laboratory Control Sample (6C15025-BS1)				Prepared & Analyzed: 03/15/06						
Chemical Oxygen Demand	117000	33000	ug/l	111000		105	75-120			
Matrix Spike (6C15025-MS1)	**Source: MPC0315-07**			Prepared & Analyzed: 03/15/06						
Chemical Oxygen Demand	126000	33000	ug/l	111000	21000	95	75-120			
Matrix Spike Dup (6C15025-MSD1)	**Source: MPC0315-07**			Prepared & Analyzed: 03/15/06						
Chemical Oxygen Demand	142000	33000	ug/l	111000	21000	109	75-120	12	15	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPC0243
1333 Broadway, Suite 800	Project Number:G0C24-0012	**Reported:**
Oakland CA, 94612	Project Manager:Donna Cosper	03/31/06 13:29

Notes and Definitions

PE	Possible high bias due to CCV falling outside acceptance criteria
HL	Analyte recovery above established limit
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

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Chain of Custody Record

On-site Time:	1030 Temp: N/A
Off-site Time:	1200 Temp: N/A
Sky Conditions:	Partly Cloudy
Meteorological Events:	None
Wind Speed:	N/A Direction: N/A

Project Name: Station 608 - O&M - Remediation
BP BU/AR Region/Enfos Segment: Retail
State or Lead Regulatory Agency: Oro Loma Sanitary District
Requested Due Date (mm/dd/yy): 3/20/06
(14- day TAT)

Lab Name: Sequoia Analytical (Morgan Hill)		BP/AR Facility No.:	Station 608	Consultant/Contractor:	URS Oakland
Lab Address: 885 Jarvis Drive		BP/AR Facility Address:	17601 Hesperian Blvd, San Lorenzo	Address:	1333 Broadway, Suite 800
Morgan Hill, CA		Site Lat/Long:	37.673888 / -122.123		Oakland CA 94612
Lab PM: Lisa Race		California Global ID No.:	T0000100085	Consultant/Contractor Project No.:	38487590
Tele/Fax: 408-782-8156/408-782-6308		Enfos Project No.:	G0C24-0012	Consultant/Contractor PM:	Donna Cosper
BP/AR PM Contact: Paul Supple		Provision or RCOP : Provision		Tele/Fax:	510.893.3600/510.874.3268
Address: P.O. Box 6549		Phase/WBS:	03 - O&M	Report Type & QC Level:	Level 1 and EDF
Moraga CA 94570		Sub Phase/Task:	03 - Analytical	E-mail EDD To:	Donna_Cosper@urscorp.com
Tele/Fax: 925.299.8891/925.299.8872		Cost Element:	05 - Subcontractor Costs	Invoice to:	Consultant or BP or Atlantic Richfield Co. (circle one)

Lab Bottle Order No: MPC0243

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: BTEX/Oxy/TPH (8260)	Requested Analysis: COD (410.4)	Requested Analysis: TSS (160.2)	Sample Point Lat/Long and Comment
1	INF	1140	3/6/06		X		-01	3				X		X			
2	MID-1	1135			X		2	3				X		X			
3	MID-2	1130			X		3	3				X		X			
4	EFFL	1120			X		4	3				X		X			
5	EFFL	1120			X			1	X							X	
6	EFFL	1120			X		↓	1		X					X		
7	TRIP BLANK	1030	✓		X		5	2				X					HOLD
8																	
9																	
10																	

Sampler's Name: Darin Ross	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: URS Group	[signature] URS	3/6/06	1530	[signature] Lam	3/6/06	1530
Shipment Date: 3/6/06					3/7/06	08:0
Shipment Method: Hand (Petaluma)						
Shipment Tracking No: N/A						

Special Instructions:

Custody Seals In Place Yes ___ No ___ Temp Blank Yes X No ___ Cooler Temperature on Receipt 6.9 °F/C Trip Blank Yes X No

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

BP COC Rev. 4 10/1/04

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
REC. BY (PRINT) EB
WORKORDER: MPE0243

DATE REC'D AT LAB: 3/7/04
TIME REC'D AT LAB: 0810
DATE LOGGED IN: 3-6-04

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent Intact / Broken*									
2. Chain-of-Custody	Present / Absent*									
3. Traffic Reports or Packing List:	Present / Absent									
4. Airbill:	Airbill / Sticker Present / Absent									
5. Airbill #:	8.0N									
6. Sample Labels:	Present / Absent									
7. Sample IDs:	Listed / Not Listed on Chain-of-Custody									
8. Sample Condition:	Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree?	Yes / No*									
10. Sample received within hold time?	Yes / No*									
11. Adequate sample volume received?	Yes / No*									
12. Proper preservatives used?	Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / No*									
14. Read Temp: 5.9 C Corrected Temp: 5.9 C Is corrected temp 4 +/-2°C?	Yes / No**									

(Acceptance range for samples requiring thermal pres.)
**Exception (if any): METALS / DFF ON ICE or Problem COC

3/7/04
N.C.
pH

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

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP
REC. BY (PRINT): ACL / GH
WORKORDER: ACL

DATE Received at Lab: 3-6-06
TIME Received at Lab: 1530
LOG IN DATE: MPC0243

(Drinking water) for regulatory purposes: YES/NO
(Wastewater) for regulatory purposes: YES/NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	Dash #	CLIENT ID	CONTAINER DESCRIPTION	pH	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
			INF	3xpV		W	3-6	
1. Custody Seal(s) Present / Absent; Intact / Broken*			MID-1	1				
			1 -2	1				
2. Chain-of-Custody Present / Absent*			EFF	3xpV, 250pH2SO4				
3. Airbill: Airbill / Sticker; Present / Absent			1	1LP				
			Trip Blank	2xpV		1	1	
4. Airbill #:								
5. Sample Labels: Present / Absent								
6. Sample IDs: Listed / Not Listed on Chain-of-Custody								
7. Sample Condition: Intact / Broken* / Leaking*								
8. Does information on custody reports, traffic reports, and sample labels agree? Yes / No*								
9. Sample received within hold time: Yes / No*								
10. Proper Preservatives used: Yes / No*								
11. Temperature Blank Received? Yes / No*								
12. Temp Rec. at Lab: 6.0 degrees C (Acceptance range for samples requiring thermal pres.:4+/-2°C) Yes / No*								
13. Samples collected more than 4 days ago? Yes */ No								

*If Circled, contact Project Manager and attach record of resolution.

Sample Receipt Log
Revision 2.2 (8/30/04)
Replaces Revision 2.1 (11/10/00)
Effective 9/1/04

FIGURE 6b