Atlantic Richfield Company
(a BP affiliated company)

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

November 3, 2005

Re: Third Quarter 2005 Groundwater Monitoring and Monitoring System Performance Report
ARCO Service Station #608
17601 Hesperian Boulevard
San Lorenzo, California
ACEH Case 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

URS

November 3, 2005

Ms. Donna Drogos
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

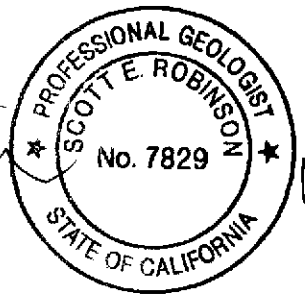
Re: Third Quarter 2005 Groundwater Monitoring and Remediation System Performance Report
ARCO Service Station #0608
17601 Hesperian Boulevard
San Lorenzo, California
ACEH ID #779

Dear Ms. Drogos:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Third Quarter 2005 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 me at (510) 874-3280.

Sincerely,
URS CORPORATION



Scott Robinson
Project Manager

Donna Cosper, E.I.T.
Senior Engineer

Enclosure: Third Quarter 2005 Groundwater Monitoring and Remediation System Performance Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS

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

REPORT

THIRD QUARTER 2005 GROUNDWATER MONITORING & REMEDIATION SYSTEM PERFORMANCE REPORT

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

Prepared for
RM

November 3, 2005

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

Date: November 3, 2005

Quarter: 3Q 05

THIRD QUARTER 2005 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 / Scott Robinson
Primary Agency:			Alameda County Environmental Health (ACEH)
ACEH Case No.:			ST ID #779

WORK PERFORMED THIS QUARTER (Third – 2005):

1. Prepared and submitted the Second Quarter 2005 Groundwater Monitoring and Remediation System Performance Report.
2. Performed the third quarter 2005 groundwater monitoring event on September 14, 2005.
3. Continued operation, maintenance and performance monitoring of the groundwater extraction and treatment (GWET) system.
4. Submitted Monthly Discharge Reports to Oro Loma Sanitary District.
5. Submitted discharge permit renewal to Oro Loma Sanitary District.

WORK PROPOSED FOR NEXT QUARTER (Fourth – 2005):

1. Prepare and submit this Third Quarter 2005 Groundwater Monitoring and Remediation System Performance Report.
2. Perform the fourth quarter 2005 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:	9.20 feet (MW-14) to 16.90 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 Discharge for this Quarter:	110,687		
Total Gallons of Groundwater Treated and Discharged to Date:	8,432,661		
Total Operation Hours to Date:	23,812		
Mass Removal (pounds):	Quarterly		Cumulative
Gasoline Range Organics (GRO):	0.000		7.53
Benzene:	0.000		0.31
Methyl-tert-butyl ether (MTBE):	0.011		2.94
GWET System Samples Collection Dates and Effluent Results micrograms per liter (µg/L):	07/26/05	08/25/05	09/20/05
GRO:	<50	<50	<50
Benzene:	<0.50	NA	<0.50
MTBE:	<0.50	<0.50	<0.50

DISCUSSION:

Methyl-tert-butyl ether was detected at or above the laboratory reporting limit in four of the fourteen wells sampled this quarter at concentrations ranging from 8.0 µg/L (MW-25) to 140 µg/L (MW-10). Tert-amyl methyl ether was detected at or above the laboratory reporting limit in two wells at concentrations of 3.5 µg/L (MW-10) and 4.1 µg/L (MW-25). Tert-butyl alcohol and gasoline range organics were detected at or above their respective laboratory reporting limits in one well (MW-10) at concentrations of 300 µg/L and 340 µg/L, respectively. Toluene and xylenes were detected at or above their respective laboratory reporting limits in one well (MW-5) at concentrations of 0.91 µg/L and 0.68 µg/L, respectively. No other fuel components were detected at or above their respective laboratory reporting limits in any of the fourteen wells sampled this quarter.

Well MW-15A could not be sampled as a vehicle was parked over the well vault all day and the vehicle owner could not be located. Domestic irrigation well 17372VM was not sampled this quarter due to a broken pump. Domestic irrigation well 642 H was not sampled this quarter due to access issues.

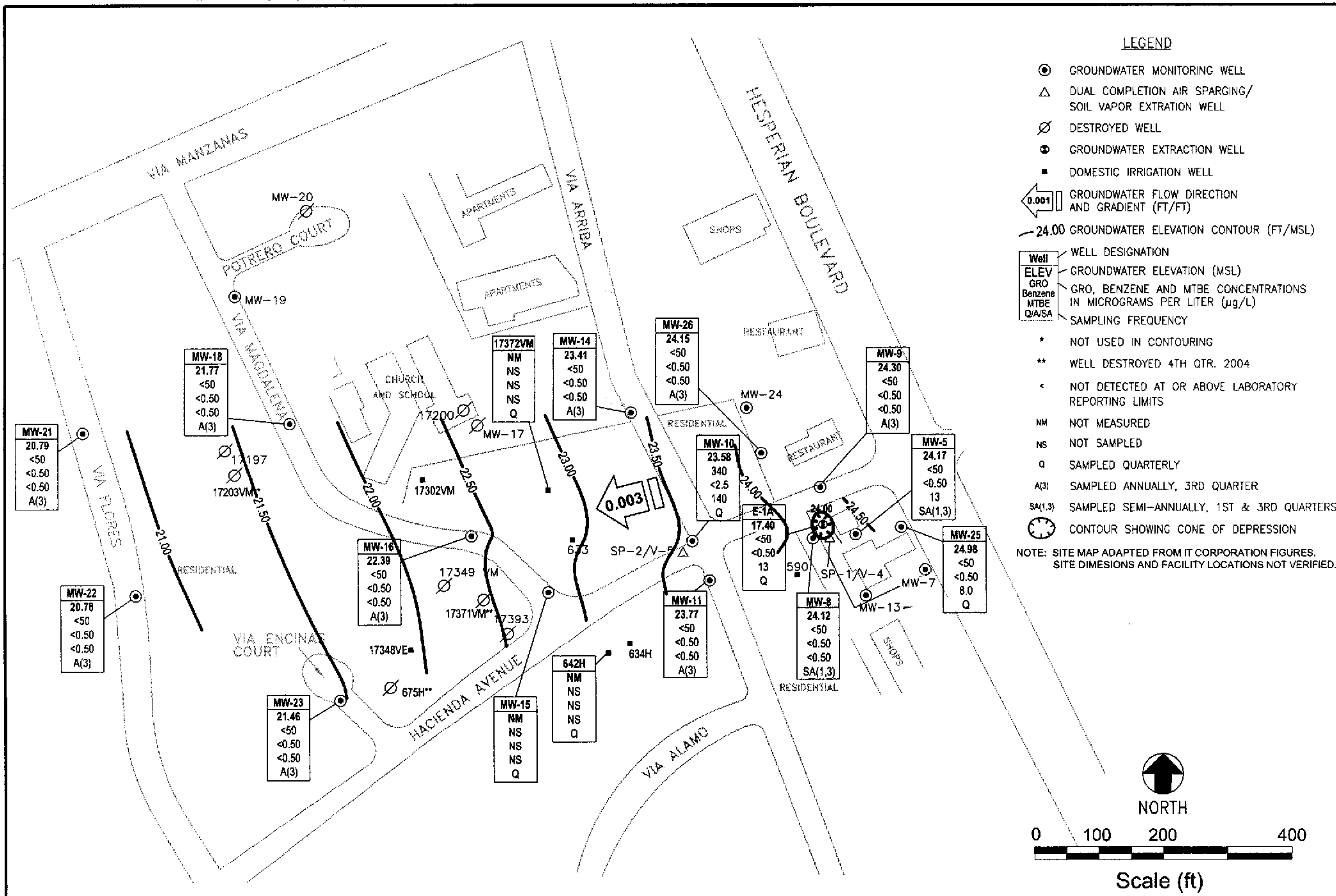
From June 15, 2005 to September 20, 2005, the GWET system operated 89.5 percent of the time. During this time period, a total of 110,687 gallons of groundwater was treated and discharged. Performance data and laboratory analytical data are included in Tables 5 and 6.

As URS recommended in the First Quarter 2005 Groundwater Monitoring and Remediation System Performance Report, sampling frequency reductions were implemented based on consistently low to non-detectable concentrations at or above laboratory reporting limits. Beginning this quarter, the following schedule was implemented:

Well Number	Previous	Beginning 3Q05
MW-5	Quarterly	Semiannually (1Q, 3Q)
MW-8	Quarterly	Semiannually (1Q, 3Q)
MW-9	Semiannually	Annually (3Q)
MW-11	Quarterly	Annually (3Q)
MW-15	Quarterly	Semiannually (1Q, 3Q)
MW-16	Semiannually	Annually (3Q)
MW-22	Semiannually	Annually (3Q)

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – September 14, 2005
- 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



URS	**Project No. 38486707** **Arco Service Station #0608** **17601 Hesperian Boulevard** **San Lorenzo, California**	**GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP** **Third Quarter 2005 (September 14, 2005)**	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

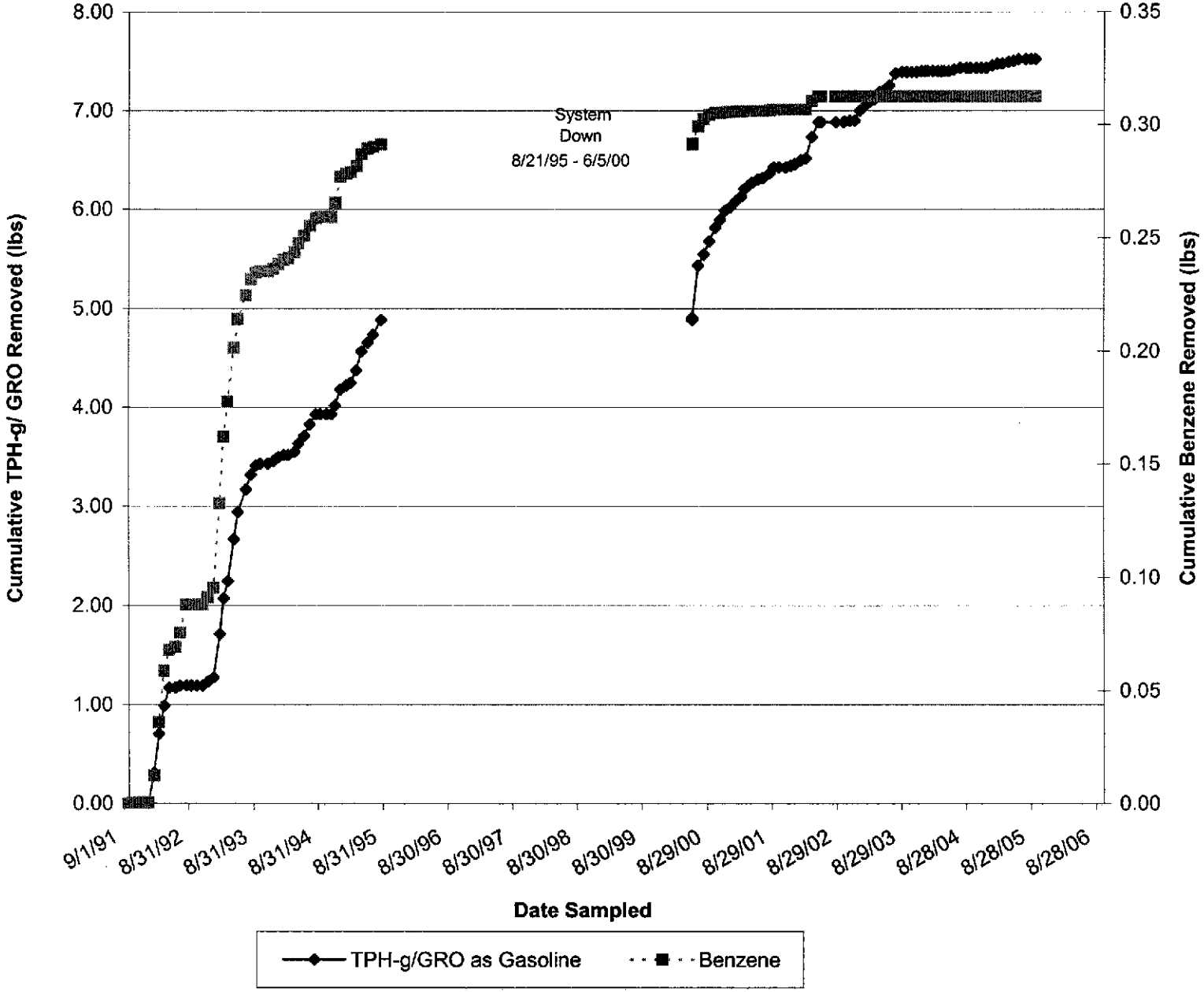


Figure 3
Groundwater Extraction System Concentration Trend
TPH-g/ GRO and Benzene

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

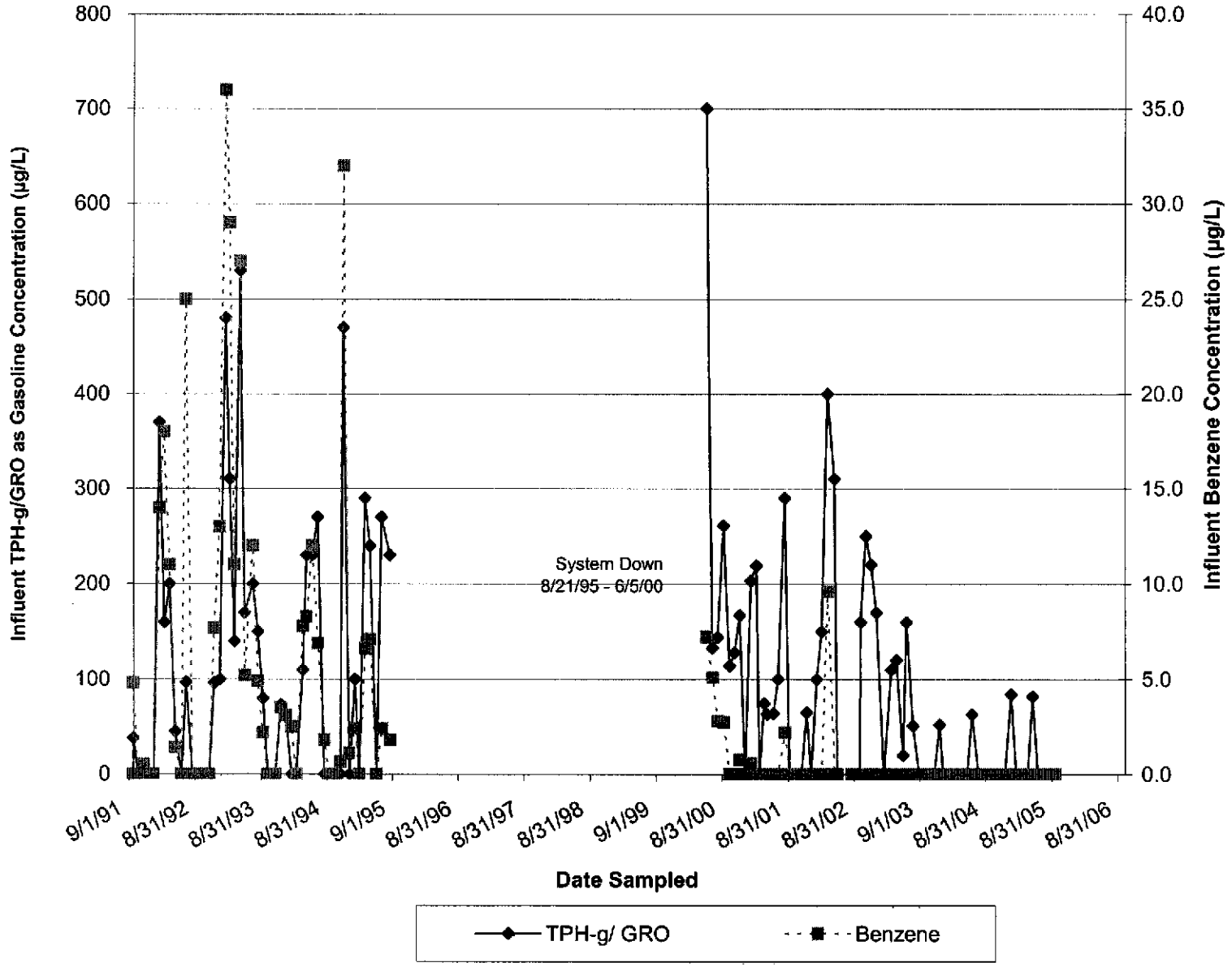


Figure 4
Groundwater Extraction System Mass Removal Trend
MtBE

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

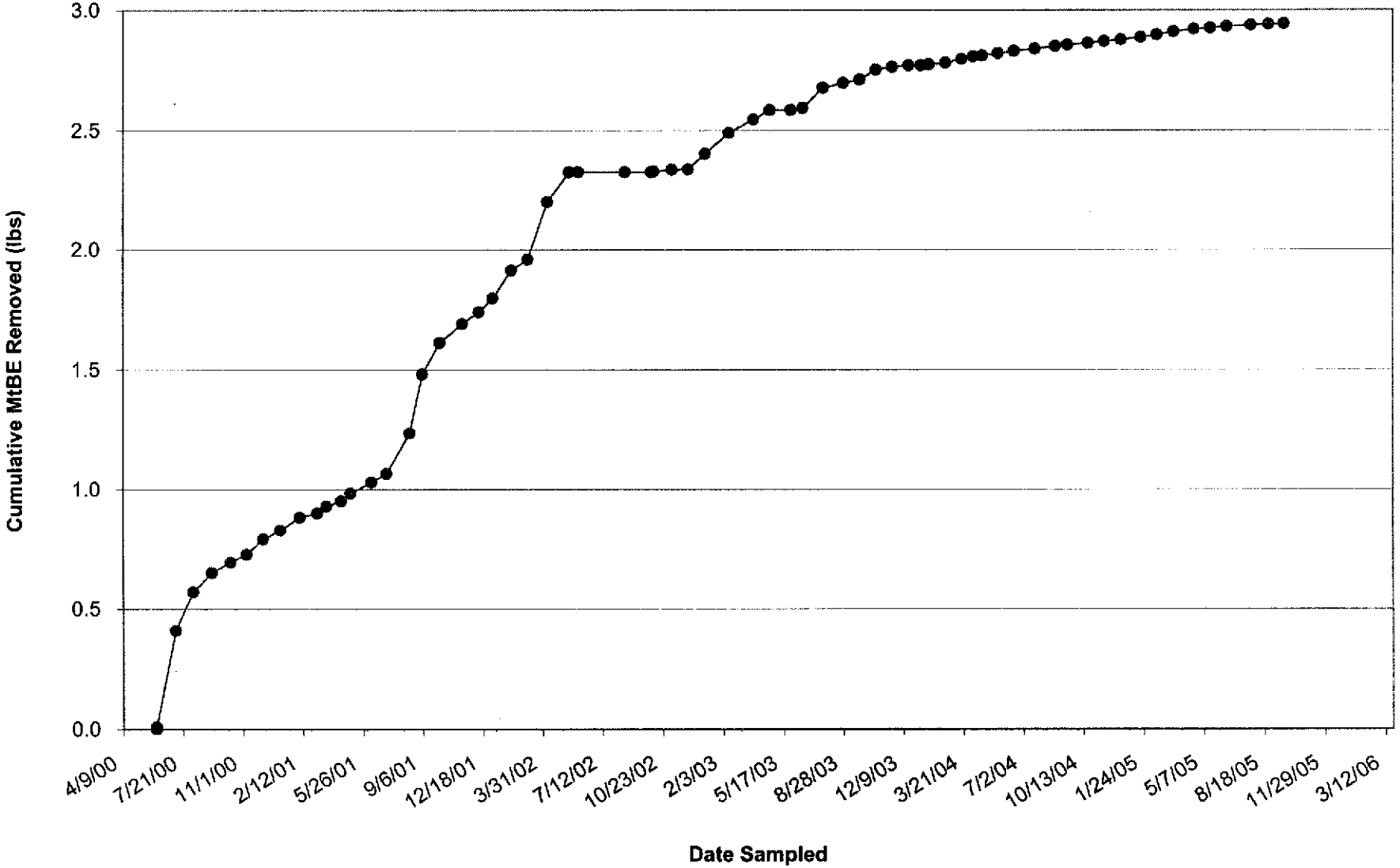


Figure 5
Groundwater Extraction System Concentration Trend
MtBE

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

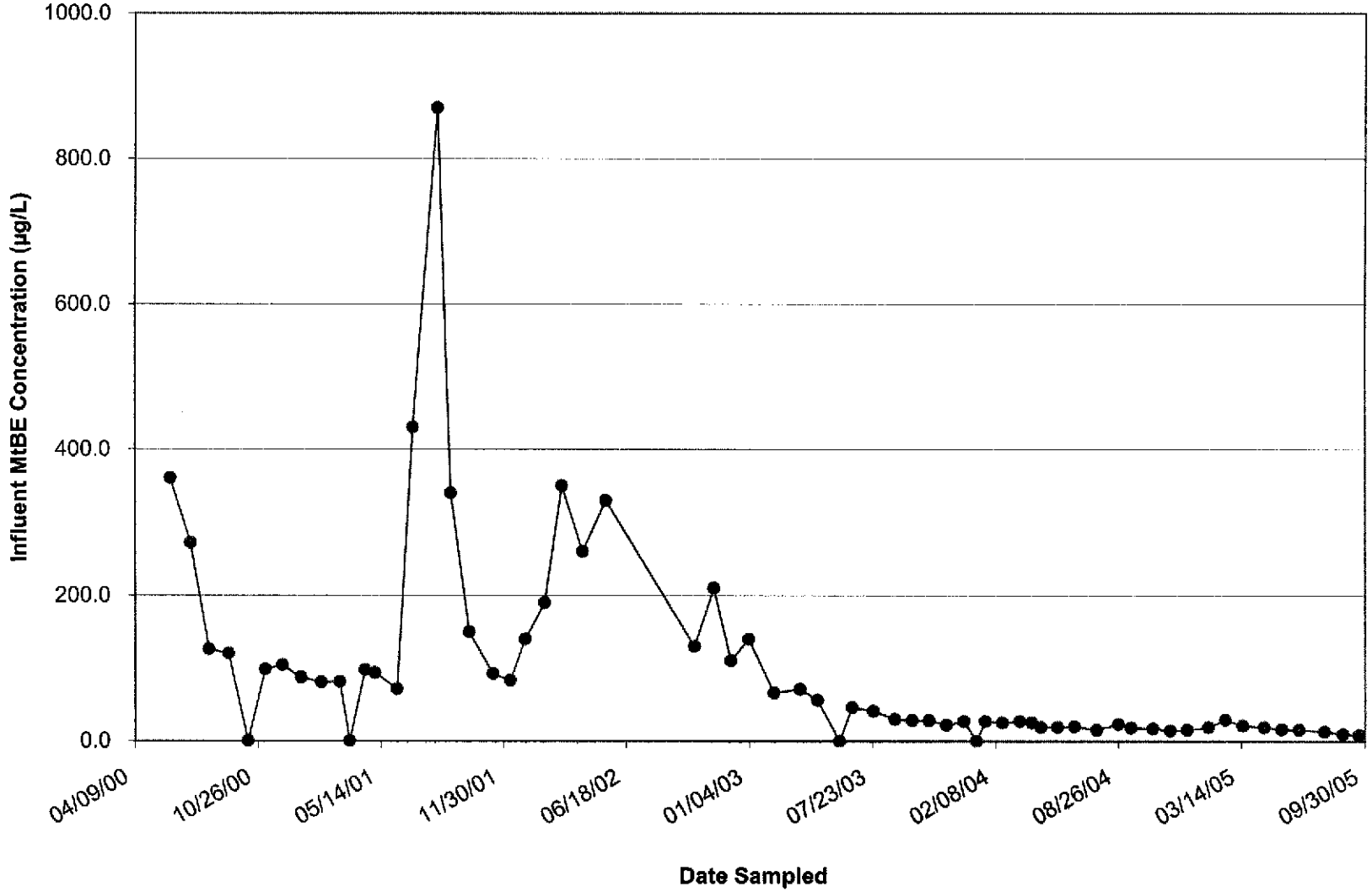


Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., 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**	--	--	--	--	--	--	--	--	--	--	--	--	--
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**	--	--	--	--	--	--	--	--	--	--	--	--	--
E-1A	3/13/2002	--	a	33.06	--	--	21.75	11.31	200	<0.50	<0.50	<0.50	<0.50	310	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., 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
E-1A	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**
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
	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**
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	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., 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-8	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**
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
	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**
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	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., 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-10	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**
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
	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**
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	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., 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-14	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**
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
	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**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., 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-16	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**
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	--	--	--	--	--	--	--	--
	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**
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	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., 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-21	**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**
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	--	--
	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**
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**
MW-25	3/13/2002	--		33.81	--	--	10.99	22.82	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., 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	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	--	--
	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**
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**

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station #0608
17601 Hesperian Blvd., 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
ug/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 depth to water.
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. TPHg was changed to GRO. The resulting data may be impacted by the potential of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported. Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12
Values for DO and pH were obtained through field measurements.

Table 2

Fuel Additives Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., San Lorenzo, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
17372 VM	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/04/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	03/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/13/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2005	<100	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
642 H	3/13/2002	<100	<20	--	<0.50	<0.50	<0.50	--	--	
	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	6/30/2003	--	--	--	--	--	--	--	--	a
	9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/04/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
E-1A	3/27/2003	<100	<20	60	<0.50	<0.50	2.3	--	--	
	6/30/2003	<100	<20	37	<0.50	<0.50	1.6	<0.50	<0.50	
	9/15/2003	<100	<20	49	<0.50	<0.50	2.4	<0.50	<0.50	
	12/04/2003	<100	<20	19	<0.50	<0.50	0.89	--	--	
	03/10/2004	<200	<40	38	<1.0	<1.0	2.3	<1.0	<1.0	
	06/10/2004	<100	<20	46	<0.50	<0.50	2.2	<0.50	<0.50	
	09/22/2004	<100	<20	17	<0.50	<0.50	0.98	<0.50	<0.50	
	12/13/2004	<100	<20	15	<0.50	<0.50	0.75	<0.50	<0.50	
	03/10/2005	<100	<10	22	<0.50	<0.50	0.95	<0.50	<0.50	
	06/29/2005	<100	<20	14	<0.50	<0.50	0.74	<0.50	<0.50	
	09/14/2005	**<100**	**<20**	**13**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**c**
MW-5	3/27/2003	<100	24	59	<0.50	<0.50	2.2	--	--	
	6/30/2003	<100	22	58	<0.50	<0.50	2.1	<0.50	<0.50	
	9/15/2003	<500	<100	61	<2.5	<2.5	2.5	--	--	
	12/04/2003	<100	<20	42	<0.50	<0.50	1.9	--	--	
	03/10/2004	<100	<20	9.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/10/2004	<100	<20	31	<0.50	<0.50	1.0	<0.50	<0.50	
	09/22/2004	<100	<20	15	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/13/2004	<100	<20	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2005	<100	<10	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	b

Table 2

Fuel Additives Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., San Lorenzo, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-5	06/29/2005	<100	<20	6.7	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/14/2005	**<100**	**<20**	**13**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	c
MW-8	3/27/2003	<100	<20	33	<0.50	<0.50	0.53	--	--	
	6/30/2003	<100	<20	15	<0.50	<0.50	0.85	<0.50	<0.50	
	9/15/2003	<100	<20	41	<0.50	<0.50	5.3	--	--	
	12/04/2003	<100	<20	24	<0.50	<0.50	3.7	--	--	
	03/10/2004	<100	<20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/10/2004	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	18	<0.50	<0.50	1.5	<0.50	<0.50	
	12/13/2004	<100	<20	7.1	<0.50	<0.50	0.78	<0.50	<0.50	
	03/10/2005	<100	<10	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	b
	06/29/2005	<100	<20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/14/2005	**<100**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	c
MW-9	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2005	<100	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
	09/14/2005	**<100**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	c
MW-10	3/27/2003	<1,000	<200	330	<5.0	<5.0	15	--	--	
	6/30/2003	<2,000	<400	750	<10	<10	28	<10	<10	
	9/15/2003	<1,000	<200	430	<5.0	<5.0	15	<5.0	<5.0	
	12/04/2003	<500	<100	110	<2.5	<2.5	4.8	--	--	
	03/10/2004	<500	120	140	<2.5	<2.5	<2.5	<2.5	<2.5	
	06/10/2004	<1,000	<200	410	<5.0	<5.0	11	<5.0	<5.0	
	09/22/2004	<100	54	87	<0.50	<0.50	3.8	<0.50	<0.50	
	12/13/2004	<200	220	110	<1.0	<1.0	4.5	<1.0	<1.0	
	03/10/2005	<100	50	86	<0.50	<0.50	2.2	<0.50	<0.50	
	06/29/2005	<500	110	160	<2.5	<2.5	4.6	<2.5	<2.5	
	09/14/2005	**<500**	**300**	**140**	**<2.5**	**<2.5**	**3.5**	**<2.5**	**<2.5**	c
MW-11	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	6/30/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., San Lorenzo, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-11	12/04/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	03/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/13/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2005	<100	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
	06/29/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/14/2005	**<100**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	c
MW-14	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/14/2005	**<100**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-15	3/27/2003	<100	<20	17	<0.50	<0.50	<0.50	--	--	
	6/30/2003	<100	<20	12	<0.50	<0.50	<0.50	<0.50	<0.50	
	9/15/2003	<100	<20	10	<0.50	<0.50	<0.50	<0.50	<0.50	
	12/04/2003	<100	<20	6.4	<0.50	<0.50	<0.50	--	--	
	03/10/2004	<100	<20	11	<0.50	<0.50	<0.50	<0.50	<0.50	
	06/10/2004	<100	<20	5.7	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2005	<100	<10	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	b
MW-16	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2005	<100	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
	09/14/2005	**<100**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-18	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/14/2005	**<100**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-21	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/14/2005	**<100**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-22	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	9/15/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #0608

17601 Hesperian Blvd., San Lorenzo, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Footnotes/ Comments
MW-22	03/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	03/10/2005	<100	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
	09/14/2005	**<100**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-23	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/14/2005	**<100**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-25	3/27/2003	<100	<20	90	<0.50	<0.50	40	--	--	
	6/30/2003	<1,000	<200	130	<5.0	<5.0	81	<5.0	<5.0	
	9/15/2003	<200	<40	140	<1.0	<1.0	71	<1.0	<1.0	
	12/04/2003	<100	<20	36	<0.50	<0.50	17	--	--	
	03/10/2004	<100	<20	14	<0.50	<0.50	6.5	<0.50	<0.50	
	06/10/2004	<100	<20	17	<0.50	<0.50	7.2	<0.50	<0.50	
	09/22/2004	<100	<20	29	<0.50	<0.50	18	<0.50	<0.50	
	12/13/2004	<100	45	44	<0.50	<0.50	18	<0.50	<0.50	
	03/10/2005	<100	<10	7.4	<0.50	<0.50	2.3	<0.50	<0.50	b
	06/29/2005	<100	<20	20	<0.50	<0.50	12	<0.50	<0.50	
	09/14/2005	**<100**	**<20**	**8.0**	**<0.50**	**<0.50**	**4.1**	**<0.50**	**<0.50**	
MW-26	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
	09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	09/14/2005	**<100**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	

Table 2

Fuel Additives Analytical Data

ARCO Service Station #0608
17601 Hesperian Blvd., San Lorenzo, CA

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

FOOTNOTES:
a = Well was not accessible this quarter.
b = Possible high bias due to CCV falling outside acceptance criteria for TBA.
c = Calibration verification was within method limits but outside the contract limits for ethanol.

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.

Well E-1A was previously named MW-12.

All volatile organic compounds analyzed using EPA Method 8260B.

Table 3

Groundwater Gradient Data

ARCO Service Station #0608
17601 Hesperian Blvd., 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**

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

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 Concentration (µg/L)	GRO/TPH-g Net Removed (pounds)	GRO/TPH-g Removed To Date (pounds)	Benzene Influent Concentration (µg/L)	Benzene Net Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Influent Concentration (µg/L)	MTBE Net Removed (pounds)	MTBE 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	---	---	---

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)
08/17/94	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	---	---	---
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

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)
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
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

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)
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
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**

REPORTING PERIOD:					**6/15/2005 to 9/20/2005**										
CUMULATIVE GALLONS EXTRACTED:					**8,432,661**										
PERIOD GALLONS EXTRACTED:					**110,687**										
TOTAL POUNDS REMOVED:									**7.53**			**0.31**			**2.94**
TOTAL GALLONS REMOVED:									**1.23**			**0.04**			**0.48**
AVERAGE PERIOD FLOW RATE (gpm):						**0.94**									
PERIOD PERCENT OPERATIONAL:						**89.5%**									
PERIOD POUNDS REMOVED:									**0.000**			**0.000**			**0.011**
PERIOD GALLONS REMOVED:									**0.000**			**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	---	---	---	---
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	---	---	---	---

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) (cont.)										
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	---	---	---	---
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**	**NA [4]**	**<0.50**	**<0.50**	**<1.0**	**9.8**	**---**	**---**	**---**	**---**
09/20/05	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**8.2**	**---**	**---**	**---**	**---**

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)										
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	---	---	---	---	---	---	---	---	---	---
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	---	---	---	---

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 (cont.)										
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	---	---	---	---
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**	**NA[4]**	**<0.50**	**<0.50**	**<1.0**	**2.2**	**---**	**---**	**---**	**---**
09/20/05	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**2.5**	**---**	**---**	**---**	**---**

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)										
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	---	---	---	---
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	---	---	---	---

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										
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**	**NA [4]**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**---**	**---**	**---**	**---**
09/20/05	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**---**	**---**	**---**	**---**
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	---	---	---	---	---
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	---	---	---	---	---

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) (cont.)										
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	---
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

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) (cont.)										
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**	**NA [4]**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<30**	**<10**	**6.91**	**1.07**
09/20/05	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<30**	**<10**	**6.86**	**2.33**

SYMBOLS AND ABBREVIATIONS:

COD	=Chemical oxygen demand
DO	=Dissolved Oxygen, field measurement
GRO	=Gasoline Range Organics
BTEX	= Benzene, Toluene, ethyl Benzene and xylene
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
—	=Not applicable/available/sampled
<	=Not detected at or above the laboratory reporting limit.

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 samples based on gasoline.
4. Benzene results were requested of laboratory but not supplied by laboratory.

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 data.

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 # 050914-SS1 Date 9/14/05 Client Arco 608

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					11.80	13.58		
MW-8	3					10.35	20.90		
MW-9	3					9.70	18.20		
MW-10	3					9.92	22.40		
MW-11	3					10.78	18.75		
(MW-12) E-1A	6					16.90	—		ext.
MW-14	3					9.20	23.05		
MW-15	3	PRESENT OVER ALL DAY.				~~11.~~	—		
MW-16	3					11.02	23.05		
MW-18	3					10.10	21.45		
MW-21	3					9.88	21.50		
MW-22	3					10.65	21.45		
MW-23	3					11.70	21.65		
MW-25	2					1135	18.49		
MW-26	2					11.55	19.40		
6424	—	No Access				—	—		
17372 AM	—	PUMP	DOWN.	NO ACCESS		—	—	↓	

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-551	Station # 608
Sampler: SOOut	Date: 9/14/05
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 13.58	Depth to Water: 11.80
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.

1.2 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 3.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1330	71.6	7.1	870	1.2	mild gas odor
1332	71.8	6.9	822	2.4	"
1334	71.7	6.9	821	3.6	"

Did well dewater? Yes (No) Gallons actually evacuated: 3.6

Sampling Time: 1336 Sampling Date: 9/14/05

Sample I.D.: MW-5 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:	0.8 mg/L
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-551	Station # 608
Sampler: SOOut	Date: 9/14/05
Well I.D.: MW-8	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 20.90	Depth to Water: 10.35
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.

4 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 12 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1315	70.2	7.1	829	4	PURGED
0316	70.5	7.0	828	8	clearing
1317	70.3	7.0	830	12	

Did well dewater? Yes (No) Gallons actually evacuated: 12

Sampling Time: 1321 Sampling Date: 9/14/05

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.9	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-551	Station # 608
Sampler: SOOut	Date: 9/14/05
Well I.D.: MW-9	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 18.20	Depth to Water: 9.70
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.

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

6 VOAs

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
939	69.8	7.0	835	3.1	TURBID
940	70.6	6.8	837	6.2	"
941	70.5	6.8	837	9.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 9.5

Sampling Time: 945 Sampling Date: 9/14/05

Sample I.D.: MW-9 Laboratory: Pace (Sequoia) Other _____

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

D.O. (if req'd):	Pre-purge:		mg/L	Post-purge:	1.2 mg/L
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-551	Station # 608
Sampler: SOOCAT	Date: 9/14/05
Well I.D.: MW-10	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 22.40	Depth to Water: 9.92
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.

4.4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 13.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1232	68.7	7.1	745	4.5	TURBID, GRAY color
1233	69.1	6.9	747	9.2	"
1234	69.2	6.9	748	14	"

Did well dewater? Yes (No) Gallons actually evacuated: 14

Sampling Time: 1238 Sampling Date: 9/14/05

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.7	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-551	Station # 608
Sampler: SOOut	Date: 9/14/05
Well I.D.: MW-11	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 18.75	Depth to Water: 10.78
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.

3 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1251	70.2	7.0	885	3	turbid
1252	69.5	6.9	887	6	"
1253	69.3	6.9	887	9	"

Did well dewater? Yes (No) Gallons actually evacuated: 9

Sampling Time: 1258 Sampling Date: 9/14/05

Sample I.D.: MW-11 Laboratory: Pace (Sequoia) Other _____

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

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-SS1	Station # 608
Sampler: SOOCH	Date: 9/14/05
Well I.D.: E-1A (MW-12)	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: ———	Depth to Water: 16.90
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: ________ (crossed out)

Sampling Method: Bailer / ~~Disposable Bailer~~ / (Extraction Port) / Other: ________

small ... 160ft

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.

PORT x 3 = ________ Gals.
1 Case Volume (Gals.) x Specified Volumes = Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
905	69.3	6.7	849	———	clear

Did well dewater? ~~Yes~~ ~~No~~	Gallons actually evacuated: ———
Sampling Time: 905	Sampling Date: 9/14/05
Sample I.D.: E-1A	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): 5.4 mg/L
O.R.P. (if req'd): Pre-purge: mV	Post-purge: mV

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-551	Station # 608
Sampler: SOOut	Date: 9/14/05
Well I.D.: MW-14	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 23.05	Depth to Water: 9.20
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.

5.1 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 15.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1214	68.6	7.2	892	5.1	turbid
1215	68.9	7.0	895	10.2	clearing
1216	68.8	6.9	895	15.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 15.5

Sampling Time: 1220 Sampling Date: 9/14/05

Sample I.D.: MW-14 Laboratory: Pace (Sequoia) Other ___

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

D.O. (if req'd):	Pre-purge:		mg/L	Post-purge:	0.9 mg/L
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-551	Station # 608
Sampler: SOOCH	Date: 9/14/05
Well I.D.: MW-15	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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
well parked over all day.					

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 #: 050914-551	Station # 608
Sampler: SOOut	Date: 9/14/05
Well I.D.: MW-16	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 23.05	Depth to Water: 11.02
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.

4.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 13.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1138	66.7	7.2	752	4.5	PURGE
1140	67.4	7.1	755	9.0	clearing
1141	67.4	7.0	760	13.5	PURGE

Did well dewater? Yes (No) Gallons actually evacuated: 13.5

Sampling Time: 1145 Sampling Date: 9/14/05

Sample I.D.: MW-16 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:	0.9	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-551	Station # 608
Sampler: SOOCat	Date: 9/14/05
Well I.D.: MW-18	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 21.45	Depth to Water: 10.10
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.

4.2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 12.6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1155	69.7	6.9	931	4.2	cloudy
1156	69.8	6.9	933	8.4	purged
1157	69.7	6.9	933	13.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 13

Sampling Time: 1201 Sampling Date: 9/14/05

Sample I.D.: MW-18 Laboratory: Pace (Sequoia) Other _____

Analyzed for: (TPH-GRO) (BTEX) MTBE DRO (Oxy's) (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 #: 050914-551	Station # 608
Sampler: SOOut	Date: 9/14/05
Well I.D.: MW-21	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 21.50	Depth to Water: 9.88
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.

4.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 12.9 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1012	66.4	7.0	917	4.3	slightly turbid
1013	67.0	6.9	917	8.6	clearing
1014	67.0	6.9	918	13.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 13

Sampling Time: 1018 Sampling Date: 9/14/05

Sample I.D.: MW-21 Laboratory: Pace (Sequoia) Other ____

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

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-551	Station # 608
Sampler: SOOCH	Date: 9/14/05
Well I.D.: MW-22	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 21.45	Depth to Water: 10.65
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.

4 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 12 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
956	65.7	7.1	827	4	MW-22
957	65.3	7.0	820	8	"
958	65.1	7.0	820	12	"

Did well dewater? Yes (No) Gallons actually evacuated: 12

Sampling Time: 1002 Sampling Date: 9/14/05

Sample I.D.: MW-22 Laboratory: Pace (Sequoia) Other ____

Analyzed for: (TPHG) (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 #: 050914-551	Station # 608
Sampler: SOOut	Date: 9/14/05
Well I.D.: MW-23	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 21.65	Depth to Water: 11.70
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.

4 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 12 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1031	66.3	7.0	888	4	clear
1032	65.7	6.9	887	8	"
1033	65.5	6.9	888	12	"

Did well dewater? Yes (No) Gallons actually evacuated: 12

Sampling Time: 1038 Sampling Date: 9/14/05

Sample I.D.: MW-23 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:	1.3 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-551	Station # 608
Sampler: SOOCH	Date: 9/14/05
Well I.D.: MW-25	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 18.49	Depth to Water: 11.35
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.

1.1	x	3	=	3.3 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1344	68.6	7.0	891	1.1	turbid
1346	69.0	7.0	895	2.2	"
1348	69.0	6.9	896	3.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 3.5

Sampling Time: 1352 Sampling Date: 9/14/05

Sample I.D.: MW-25 Laboratory: Pace (Sequoia) Other ___

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.2 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 050914-551	Station # 608
Sampler: SOOCat	Date: 9/14/05
Well I.D.: MW-26	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.40	Depth to Water: 11.55
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: ___

2 stopped tubes

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.

1.3 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 3.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
922	68.8	6.9	865	1.3	turbid
924	69.0	6.8	866	2.6	"
926	69.0	6.8	866	4.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 4

Sampling Time: 930 Sampling Date: 9/14/05

Sample I.D.: MW-26 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 #: 050914-551	Station # 608
Sampler: SOOCat	Date: 9/14/05
Well I.D.: 6926	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	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 3 (Specified Volumes) = ___ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1245	— NO	ONE HOME. WILL	TRY AGAIN	@ DEPARTURE.	
1415	— Retrived &	tried AGAIN.	NO ONE HOME.	NO SAMPLE.	

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 #: 050914-551	Station # 608
Sampler: SOOut	Date: 9/14/05
Well I.D.: 17372 UM	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	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 3 (Specified Volumes) = ___ Gals. (Calculated Volume)

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

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

0608

Station #

17601 Hesperian Blvd. San Lorenzo

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

added equip. rinse water_____ any other adjustments_____

TOTAL GALS. RECOVERED 140 loaded onto BTS vehicle # 62

BTS event # 050714.551 time 1430 date 5/14/05

signature

* *

REC'D AT BTS time 1630 date 7/14/05

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

30 September, 2005

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MOI0546

Enclosed are the results of analyses for samples received by the laboratory on 09/15/05 15:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jamshid Kekobad
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	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	MOI0546-01	Water	09/14/05 13:36	09/15/05 15:15
MW-8	MOI0546-02	Water	09/14/05 13:21	09/15/05 15:15
MW-9	MOI0546-03	Water	09/14/05 09:45	09/15/05 15:15
MW-10	MOI0546-04	Water	09/14/05 12:38	09/15/05 15:15
MW-11	MOI0546-05	Water	09/14/05 12:58	09/15/05 15:15
E-1A	MOI0546-06	Water	09/14/05 09:05	09/15/05 15:15
MW-14	MOI0546-07	Water	09/14/05 12:20	09/15/05 15:15
MW-16	MOI0546-08	Water	09/14/05 11:45	09/15/05 15:15
MW-18	MOI0546-09	Water	09/14/05 12:01	09/15/05 15:15
MW-21	MOI0546-10	Water	09/14/05 10:18	09/15/05 15:15
MW-22	MOI0546-11	Water	09/14/05 10:02	09/15/05 15:15
MW-23	MOI0546-12	Water	09/14/05 10:38	09/15/05 15:15
MW-25	MOI0546-13	Water	09/14/05 13:52	09/15/05 15:15
MW-26	MOI0546-14	Water	09/14/05 09:30	09/15/05 15:15
TB091420050608	MOI0546-15	Water	09/14/05 00:00	09/15/05 15:15

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

These samples were received with no custody seals.

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	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MOI0546-01) Water Sampled: 09/14/05 13:36 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23005	09/23/05	09/23/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**13**	0.50	"	"	"	"	"	"	
Toluene	**0.91**	0.50	"	"	"	"	"	"	
Xylenes (total)	**0.68**	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*60-135*		"	"	"	"	
MW-8 (MOI0546-02) Water Sampled: 09/14/05 13:21 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23005	09/23/05	09/23/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (MOI0546-03) Water Sampled: 09/14/05 09:45 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23005	09/23/05	09/24/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*110 %*		*60-135*	"	"	"	"	
MW-10 (MOI0546-04) Water Sampled: 09/14/05 12:38 Received: 09/15/05 15:15									
tert-Amyl methyl ether	**3.5**	2.5	ug/l	5	5I23005	09/23/05	09/24/05	EPA 8260B	
Benzene	ND	2.5	"	"	"	"	"	"	
tert-Butyl alcohol	**300**	100	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.5	"	"	"	"	"	"	
Ethanol	ND	500	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Methyl tert-butyl ether	**140**	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**340**	250	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*		*60-135*	"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11 (MOI0546-05) Water Sampled: 09/14/05 12:58 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23005	09/23/05	09/24/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*60-135*		"	"	"	"	
E-1A (MOI0546-06) Water Sampled: 09/14/05 09:05 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23005	09/23/05	09/24/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**13**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-14 (MOI0546-07) Water Sampled: 09/14/05 12:20 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23007	09/23/05	09/23/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*78 %*	*60-135*		"	"	"	"	
MW-16 (MOI0546-08) Water Sampled: 09/14/05 11:45 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23007	09/23/05	09/23/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*79 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-18 (MOI0546-09) Water Sampled: 09/14/05 12:01 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23007	09/23/05	09/23/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*80 %*	*60-135*		"	"	"	"	
MW-21 (MOI0546-10) Water Sampled: 09/14/05 10:18 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23007	09/23/05	09/23/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*83 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-22 (MOI0546-11) Water Sampled: 09/14/05 10:02 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23007	09/23/05	09/23/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*84 %*	*60-135*		"	"	"	"	
MW-23 (MOI0546-12) Water Sampled: 09/14/05 10:38 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23007	09/23/05	09/23/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*81 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-25 (MOI0546-13) Water Sampled: 09/14/05 13:52 Received: 09/15/05 15:15									
tert-Amyl methyl ether	**4.1**	0.50	ug/l	1	5I23007	09/23/05	09/23/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**8.0**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*83 %*	*60-135*		"	"	"	"	
MW-26 (MOI0546-14) Water Sampled: 09/14/05 09:30 Received: 09/15/05 15:15									
tert-Amyl methyl ether	ND	0.50	ug/l	1	5I23007	09/23/05	09/23/05	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*82 %*	*60-135*		"	"	"	"	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

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 5I23005 - EPA 5030B P/T / EPA 8260B										
Blank (5I23005-BLK1)				Prepared & Analyzed: 09/23/05						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*5.55*		"	*5.00*		*111*	*60-135*			
Blank (5I23005-BLK2)				Prepared & Analyzed: 09/23/05						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							IC
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*5.24*		"	*5.00*		*105*	*60-135*			

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

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 5I23005 - EPA 5030B P/T / EPA 8260B										
Laboratory Control Sample (5I23005-BS1)				Prepared & Analyzed: 09/23/05						
tert-Amyl methyl ether	15.8	0.50	ug/l	15.0		105	80-115			
Benzene	5.19	0.50	"	5.16		101	65-115			
tert-Butyl alcohol	150	20	"	143		105	75-150			
Di-isopropyl ether	16.1	0.50	"	15.1		107	75-125			
1,2-Dibromoethane (EDB)	15.6	0.50	"	14.8		105	85-120			
1,2-Dichloroethane	17.4	0.50	"	14.7		118	85-130			
Ethanol	200	100	"	141		142	70-135			LQ
Ethyl tert-butyl ether	16.8	0.50	"	15.0		112	75-130			
Ethylbenzene	7.28	0.50	"	7.54		97	75-135			
Methyl tert-butyl ether	7.81	0.50	"	7.02		111	65-125			
Toluene	33.8	0.50	"	37.2		91	85-120			
Xylenes (total)	40.7	0.50	"	41.4		98	85-125			
Gasoline Range Organics (C4-C12)	509	50	"	440		116	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.45*		"	*5.00*		*109*	*60-135*			
Laboratory Control Sample (5I23005-BS2)				Prepared & Analyzed: 09/23/05						
tert-Amyl methyl ether	15.5	0.50	ug/l	15.0		103	80-115			
Benzene	5.38	0.50	"	5.16		104	65-115			
tert-Butyl alcohol	150	20	"	143		105	75-150			
Di-isopropyl ether	16.4	0.50	"	15.1		109	75-125			
1,2-Dibromoethane (EDB)	15.5	0.50	"	14.8		105	85-120			
1,2-Dichloroethane	17.4	0.50	"	14.7		118	85-130			
Ethanol	194	100	"	141		138	70-135			LQ, IC
Ethyl tert-butyl ether	16.1	0.50	"	15.0		107	75-130			
Ethylbenzene	7.00	0.50	"	7.54		93	75-135			
Methyl tert-butyl ether	7.74	0.50	"	7.02		110	65-125			
Toluene	35.2	0.50	"	37.2		95	85-120			
Xylenes (total)	41.2	0.50	"	41.4		100	85-125			
Gasoline Range Organics (C4-C12)	497	50	"	440		113	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.38*		"	*5.00*		*108*	*60-135*			

Sequoia Analytical

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

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 5I23005 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (5I23005-MS1)	**Source: MOI0494-01**			Prepared & Analyzed: 09/23/05						
tert-Amyl methyl ether	856	25	ug/l	752	8.5	113	80-115			
Benzene	3180	25	"	258	3000	70	65-115			
tert-Butyl alcohol	7950	1000	"	7150	ND	111	75-120			
Di-isopropyl ether	852	25	"	757	ND	113	75-125			
1,2-Dibromoethane (EDB)	835	25	"	742	ND	113	85-120			
1,2-Dichloroethane	1010	25	"	736	120	121	85-130			
Ethanol	9050	5000	"	7070	ND	128	70-135			
Ethyl tert-butyl ether	844	25	"	751	ND	112	75-130			
Ethylbenzene	594	25	"	377	240	94	75-135			
Methyl tert-butyl ether	465	25	"	351	56	117	65-125			
Toluene	1850	25	"	1860	56	96	85-120			
Xylenes (total)	2960	25	"	2070	870	101	85-125			
Gasoline Range Organics (C4-C12)	38700	2500	"	22000	13000	117	70-124			
Surrogate: 1,2-Dichloroethane-d4	*5.95*		"	*5.00*		*119*	*60-135*			
Matrix Spike Dup (5I23005-MSD1)	**Source: MOI0494-01**			Prepared & Analyzed: 09/23/05						
tert-Amyl methyl ether	841	25	ug/l	752	8.5	111	80-115	2	15	
Benzene	3150	25	"	258	3000	58	65-115	0.9	20	BB,LN
tert-Butyl alcohol	7590	1000	"	7150	ND	106	75-120	5	25	
Di-isopropyl ether	852	25	"	757	ND	113	75-125	0	15	
1,2-Dibromoethane (EDB)	777	25	"	742	ND	105	85-120	7	15	
1,2-Dichloroethane	980	25	"	736	120	117	85-130	3	20	
Ethanol	8770	5000	"	7070	ND	124	70-135	3	35	
Ethyl tert-butyl ether	819	25	"	751	ND	109	75-130	3	25	
Ethylbenzene	606	25	"	377	240	97	75-135	2	15	
Methyl tert-butyl ether	429	25	"	351	56	106	65-125	8	20	
Toluene	1820	25	"	1860	56	95	85-120	2	20	
Xylenes (total)	2990	25	"	2070	870	102	85-125	1	20	
Gasoline Range Organics (C4-C12)	37000	2500	"	22000	13000	109	70-124	4	20	
Surrogate: 1,2-Dichloroethane-d4	*5.61*		"	*5.00*		*112*	*60-135*			

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1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

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 5I23007 - EPA 5030B P/T / EPA 8260B										
Blank (5I23007-BLK1)				Prepared & Analyzed: 09/23/05						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*2.01*		"	*2.50*		*80*	*60-135*			
Laboratory Control Sample (5I23007-BS1)				Prepared & Analyzed: 09/23/05						
tert-Amyl methyl ether	16.5	0.50	ug/l	15.0		110	80-115			
Benzene	5.30	0.50	"	5.16		103	65-115			
tert-Butyl alcohol	133	20	"	143		93	75-150			
Di-isopropyl ether	14.7	0.50	"	15.1		97	75-125			
1,2-Dibromoethane (EDB)	16.3	0.50	"	14.8		110	85-120			
1,2-Dichloroethane	14.7	0.50	"	14.7		100	85-130			
Ethanol	166	100	"	141		118	70-135			
Ethyl tert-butyl ether	15.9	0.50	"	15.0		106	75-130			
Ethylbenzene	7.61	0.50	"	7.54		101	75-135			
Methyl tert-butyl ether	7.62	0.50	"	7.02		109	65-125			
Toluene	36.4	0.50	"	37.2		98	85-120			
Xylenes (total)	41.1	0.50	"	41.4		99	85-125			
Gasoline Range Organics (C4-C12)	468	50	"	440		106	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.07*		"	*2.50*		*83*	*60-135*			

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

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 5I23007 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (5I23007-MS1)	**Source: MOI0544-14**			Prepared & Analyzed: 09/23/05						
tert-Amyl methyl ether	424	12	ug/l	376	ND	113	80-115			
Benzene	182	12	"	129	18	127	65-115			LM
tert-Butyl alcohol	3880	500	"	3580	ND	108	75-120			
Di-isopropyl ether	367	12	"	378	ND	97	75-125			
1,2-Dibromoethane (EDB)	420	12	"	371	ND	113	85-120			
1,2-Dichloroethane	380	12	"	368	ND	103	85-130			
Ethanol	5660	2500	"	3540	ND	160	70-135			LM
Ethyl tert-butyl ether	402	12	"	376	ND	107	75-130			
Ethylbenzene	207	12	"	188	32	93	75-135			
Methyl tert-butyl ether	197	12	"	176	ND	112	65-125			
Toluene	942	12	"	930	ND	101	85-120			
Xylenes (total)	1040	12	"	1040	80	92	85-125			
Gasoline Range Organics (C4-C12)	12900	1200	"	11000	7200	52	70-124			LN
Surrogate: 1,2-Dichloroethane-d4	*2.07*		"	*2.50*		*83*	*60-135*			
Matrix Spike Dup (5I23007-MSD1)	**Source: MOI0544-14**			Prepared & Analyzed: 09/23/05						
tert-Amyl methyl ether	410	12	ug/l	376	ND	109	80-115	3	15	
Benzene	174	12	"	129	18	121	65-115	4	20	LM
tert-Butyl alcohol	4100	500	"	3580	ND	115	75-120	6	25	
Di-isopropyl ether	353	12	"	378	ND	93	75-125	4	15	
1,2-Dibromoethane (EDB)	416	12	"	371	ND	112	85-120	1	15	
1,2-Dichloroethane	363	12	"	368	ND	99	85-130	5	20	
Ethanol	5930	2500	"	3540	ND	168	70-135	5	35	LM
Ethyl tert-butyl ether	394	12	"	376	ND	105	75-130	2	25	
Ethylbenzene	203	12	"	188	32	91	75-135	2	15	
Methyl tert-butyl ether	188	12	"	176	ND	107	65-125	5	20	
Toluene	903	12	"	930	ND	97	85-120	4	20	
Xylenes (total)	1030	12	"	1040	80	91	85-125	1	20	
Gasoline Range Organics (C4-C12)	12200	1200	"	11000	7200	45	70-124	6	20	LN
Surrogate: 1,2-Dichloroethane-d4	*1.89*		"	*2.50*		*76*	*60-135*			

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1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

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 5I29010 - EPA 5030B P/T / EPA 8260B										
Blank (5I29010-BLK1)				Prepared & Analyzed: 09/29/05						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*2.55*		"	*2.50*		*102*	*60-135*			
Laboratory Control Sample (5I29010-BS1)				Prepared & Analyzed: 09/29/05						
tert-Amyl methyl ether	15.6	0.50	ug/l	15.0		104	80-115			
Benzene	5.89	0.50	"	5.16		114	65-115			
tert-Butyl alcohol	135	20	"	143		94	75-150			
Di-isopropyl ether	15.9	0.50	"	15.1		105	75-125			
1,2-Dibromoethane (EDB)	15.3	0.50	"	14.8		103	85-120			
1,2-Dichloroethane	16.7	0.50	"	14.7		114	85-130			
Ethanol	139	100	"	141		99	70-135			
Ethyl tert-butyl ether	15.8	0.50	"	15.0		105	75-130			
Ethylbenzene	7.63	0.50	"	7.54		101	75-135			
Methyl tert-butyl ether	7.26	0.50	"	7.02		103	65-125			
Toluene	37.6	0.50	"	37.2		101	85-120			
Xylenes (total)	45.9	0.50	"	41.4		111	85-125			
Gasoline Range Organics (C4-C12)	521	50	"	440		118	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.46*		"	*2.50*		*98*	*60-135*			

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

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 5I29010 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (5I29010-MS1)	**Source: MOI0626-02**			Prepared & Analyzed: 09/29/05						
tert-Amyl methyl ether	163	5.0	ug/l	150	2.4	107	80-115			
Benzene	113	5.0	"	51.6	52	118	65-115			LM
tert-Butyl alcohol	23200	200	"	1430	22000	84	75-120			
Di-isopropyl ether	166	5.0	"	151	ND	110	75-125			
1,2-Dibromoethane (EDB)	156	5.0	"	148	ND	105	85-120			
1,2-Dichloroethane	172	5.0	"	147	ND	117	85-130			
Ethanol	1890	1000	"	1410	ND	134	70-135			
Ethyl tert-butyl ether	167	5.0	"	150	2.2	110	75-130			
Ethylbenzene	82.4	5.0	"	75.4	2.6	106	75-135			
Methyl tert-butyl ether	342	5.0	"	70.2	270	103	65-125			
Toluene	388	5.0	"	372	1.8	104	85-120			
Xylenes (total)	484	5.0	"	414	ND	117	85-125			
Gasoline Range Organics (C4-C12)	6240	500	"	4400	850	122	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.43*		"	*2.50*		*97*	*60-135*			
Matrix Spike (5I29010-MS2)	**Source: MOI0546-04RE1**			Prepared & Analyzed: 09/29/05						
tert-Amyl methyl ether	78.8	2.5	ug/l	75.2	4.8	98	80-115			
Benzene	26.8	2.5	"	25.8	ND	104	65-115			
tert-Butyl alcohol	1040	100	"	715	280	106	75-120			
Di-isopropyl ether	74.7	2.5	"	75.7	ND	99	75-125			
1,2-Dibromoethane (EDB)	73.8	2.5	"	74.2	ND	99	85-120			
1,2-Dichloroethane	79.8	2.5	"	73.6	ND	108	85-130			
Ethanol	767	500	"	707	ND	108	70-135			
Ethyl tert-butyl ether	75.6	2.5	"	75.1	ND	101	75-130			
Ethylbenzene	36.0	2.5	"	37.7	ND	95	75-135			
Methyl tert-butyl ether	156	2.5	"	35.1	130	74	65-125			
Toluene	174	2.5	"	186	ND	94	85-120			
Xylenes (total)	214	2.5	"	207	ND	103	85-125			
Gasoline Range Organics (C4-C12)	2720	250	"	2200	280	111	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.47*		"	*2.50*		*99*	*60-135*			

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1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

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 5I29010 - EPA 5030B P/T / EPA 8260B										
Matrix Spike Dup (5I29010-MSD1)	**Source: MOI0626-02**			Prepared & Analyzed: 09/29/05						
tert-Amyl methyl ether	162	5.0	ug/l	150	2.4	106	80-115	0.6	15	
Benzene	107	5.0	"	51.6	52	107	65-115	5	20	
tert-Butyl alcohol	22600	200	"	1430	22000	42	75-120	3	25	BB,LN
Di-isopropyl ether	161	5.0	"	151	ND	107	75-125	3	15	
1,2-Dibromoethane (EDB)	154	5.0	"	148	ND	104	85-120	1	15	
1,2-Dichloroethane	169	5.0	"	147	ND	115	85-130	2	20	
Ethanol	1820	1000	"	1410	ND	129	70-135	4	35	
Ethyl tert-butyl ether	164	5.0	"	150	2.2	108	75-130	2	25	
Ethylbenzene	77.3	5.0	"	75.4	2.6	99	75-135	6	15	
Methyl tert-butyl ether	341	5.0	"	70.2	270	101	65-125	0.3	20	
Toluene	364	5.0	"	372	1.8	97	85-120	6	20	
Xylenes (total)	452	5.0	"	414	ND	109	85-125	7	20	
Gasoline Range Organics (C4-C12)	5990	500	"	4400	850	117	70-124	4	20	
Surrogate: 1,2-Dichloroethane-d4	*2.44*		"	*2.50*		*98*	*60-135*			
Matrix Spike Dup (5I29010-MSD2)	**Source: MOI0546-04RE1**			Prepared & Analyzed: 09/29/05						
tert-Amyl methyl ether	70.8	2.5	ug/l	75.2	4.8	88	80-115	11	15	
Benzene	23.3	2.5	"	25.8	ND	90	65-115	14	20	
tert-Butyl alcohol	1130	100	"	715	280	119	75-120	8	25	
Di-isopropyl ether	68.2	2.5	"	75.7	ND	90	75-125	9	15	
1,2-Dibromoethane (EDB)	62.0	2.5	"	74.2	ND	84	85-120	17	15	LN, BA
1,2-Dichloroethane	70.2	2.5	"	73.6	ND	95	85-130	13	20	
Ethanol	862	500	"	707	ND	122	70-135	12	35	
Ethyl tert-butyl ether	68.8	2.5	"	75.1	ND	92	75-130	9	25	
Ethylbenzene	30.3	2.5	"	37.7	ND	80	75-135	17	15	RB
Methyl tert-butyl ether	148	2.5	"	35.1	130	51	65-125	5	20	LN
Toluene	148	2.5	"	186	ND	80	85-120	16	20	LN
Xylenes (total)	180	2.5	"	207	ND	87	85-125	17	20	
Gasoline Range Organics (C4-C12)	2450	250	"	2200	280	99	70-124	10	20	
Surrogate: 1,2-Dichloroethane-d4	*2.48*		"	*2.50*		*99*	*60-135*			

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0546
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/30/05 14:41

Notes and Definitions

RB	RPD exceeded method control limit; % recoveries within limits.
LQ	LCS recovery above method control limits.
LN	MS and/or MSD below acceptance limits. See Blank Spike(LCS).
LM	MS and/or MSD above acceptance limits. See Blank Spike(LCS).
IC	Calib. verif. is within method limits but outside contract limits
BB,LN	Sample > 4x spike concentration.
BA	Relative percent difference out of control
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Chain of Custody Record

Project Name: Analytical for 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:	840	Temp:	64°
Off-site Time:	1430	Temp:	67°
Sky Conditions:	cloudy		
Meteorological Events:	—		
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 / Jamshid Kekobad	California Global ID No.: T0600100085	Consultant/Contractor Project No.: 38487015
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G0C24-0005	Consultant/Contractor PM: Scott Robinson
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.874.3280 / 510.874.3268
Address: P.O. Box 6549	Phase/WBS: 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

MOL0546

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	1330	9/14		X		01	3				X		X	X	X	X	
2	MW-8	1321					02	3						X	X	X	X	
3	MW-9	945					03	6						X	X	X	X	
4	MW-10	1238					04	3						X	X	X	X	
5	MW-11	1258					05	3						X	X	X	X	
6	E-1A	905					06	3						X	X	X	X	
7	MW-14	1220					07	3						X	X	X	X	
8	MW-16	1145					08	3						X	X	X	X	
9	MW-18	1201					07	3						X	X	X	X	
10	MW-21	1018	↓		↓		10	3				↓		X	X	X	X	

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: SUCHAON SUNG						
Sampler's Company: BTS		9/14/05	1630	SAMPLE CUSTODIAN	9/14/05	1630
Shipment Date:	SAMPLE CUSTODIAN	9/15/05	1218		9/15/05	1218
Shipment Method:		9/15/05	1555	jannyhan	9/15/05	1845
Shipment Tracking No:						

Special Instructions:

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

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 Fr

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

On-site Time: See pg 1	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
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 / Jamshid Kekobad	California Global ID No.: T0600100085	Consultant/Contractor Project No.: 38487015
Tele/Fax: 408.782.8156 / 408.782.6308	Enfos Project No.: G0C24-0005	Consultant/Contractor PM: Scott Robinson
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.874.3280 / 510.874.3268
Address: P.O. Box 6549	Phase/WBS: 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

MOL 0544

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-22	1002	9/14		X		11	5				X		X	X	X	X	
2	MW-23	1038	"		X		12	3				X		X	X	X	X	
3	MW-25	1352	"		X		13	3				X		X	X	X	X	
4	MW-26	930	"		X		14	3				X		X	X	X	X	
5	TB091420050608	—	↓		X		15	2										on hold
6																		
7																		
8																		
9																		
10																		

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Sucheon Sung		9/14/05	1630	SAMPLE CUSTODIAN	9/14/05	1630
Sampler's Company: BTS	SAMPLE CUSTODIAN	9/15/05	1200		9/15/05	1200
Shipment Date:		9/15/05	1515	ARO	9/15/05	1515
Shipment Method:						
Shipment Tracking No:						

Special Instructions:

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

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

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: bp
REC. BY (PRINT): JT
WORKORDER: MOI6546

DATE REC'D AT LAB: 9/15/05
TIME REC'D AT LAB: ~~1895~~ 15-15
DATE LOGGED IN: 9-17-05

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*	01	AC	MW-5	Voa - 3	HCl	-	W	9/14/05	
	02	L	MW-8	↓					
2. Chain-of-Custody: (Present) / Absent*	03	A-F	MW-9	Voa - 6					
3. Traffic Reports or Packing List: Present / (Absent)	04	AC	MW-10	Voa - 3					
	05		↓ -11						
4. Airbill: Airbill / Sticker Present / (Absent)	06		E-1A						
	07		MW-19						
5. Airbill #:	08		-16						
6. Sample Labels: (Present) / Absent	09		-18						
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody	10		-21						
	11		-22						
8. Sample Condition: (Intact) / Broken* / Leaking*	12		-23						
	13		-25						
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*	14		↓ -26	↓	↓	↓	↓	↓	
	15	A/B	TB-091420050608	Voa - 2	↓	↓	↓	↓	
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*					JT	4/15/05			
14. Read Temp: 4.2°C Corrected Temp: 4.2°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

*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-5 ††	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	260	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	81	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
	12/28/01		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		12.26	22.16	<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	<0.30	<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	667	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
	12/28/01		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		10.76	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		10.65	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
	9/18,20/00		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		8.82	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
	11/26,26/96		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		10.67	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	458	<1.0	<1.0	<1.0	<1.0	268	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	260	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			11.26	21.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
(cont.)		09/15/99			11.88	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	83	6.8	160	NM
		09/09,10/97			11.85	21.21	3,200	9.0	<5.0	46	<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	9,100	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	<0.6	634	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	0.766	<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			6.83	23.63	<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			9.84	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
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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	08/14,15/99		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		9.16	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	0.617	<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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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		9.16	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	0.847	<2.0	2.4
	03/16,16/99	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		10.86	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	3.16	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		13.26	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	87	<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-2S	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		12.65	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		12.87	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	2.5
	06/14/01		12.17	21.54	---------- Well Sampled Annually ----------						
	09/26/01		12.70	21.01	---------- Well Sampled Annually ----------						
	12/28/01		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 11/8/2001

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
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Domestic Irrigation Wells

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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

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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

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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 per 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:	10/12/2005 1:20:32 PM

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

Back to Main Menu

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:	**3Q05 QMR GeoWell BP/ARCO 608**
Submittal Date/Time:	**10/12/2005 1:21:07 PM**
Confirmation Number:	**1683944523**

Back to Main Menu

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CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

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

SUCCESSFUL EDF CHECK - NO ERRORS

ORGANIZATION NAME:	URS Corporation-Oakland Office
USER NAME:	URSCORP-OAKLAND
DATE CHECKED:	10/12/2005 1:13:07 PM
GLOBAL ID:	T0600100085
FILE UPLOADED:	ARCO#0608-EDF-MOI0546.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	14
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	N

MISSING PARAMETERS NOT TESTED:

- 8260FA REQUIRES DBFM TO BE TESTED
- 8260FA REQUIRES BR4FBZ TO BE TESTED

- 8260FA REQUIRES BZMED8 TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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 succcessfully uploaded!

Confirmation Number: 9627268970
Date/Time of Submittal: 10/12/2005 1:14:31 PM
Facility Global ID: T0600100085
Facility Name: ARCO # 00608
Submittal Title: 3Q05 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
9627268970	3Q05 QMR EDF BP/ARCO 608	Q3 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	10/12/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	14
# FIELD POINTS WITH DETECTIONS	4
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

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

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0

DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	Y
- MATRIX SPIKE DUPLICATE	Y
- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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 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: _____

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

Field Technician Response:

Completed by: George Brackelen
Arrival time: 1230
Sample this visit?: No

Date: 7/14/05
Departure time: 1500
Engineer contacted? No

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BP UNIT

SS
07/15/05

Date: 7/11/05

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 (gallons)
E-1A	3"	Electric	Auto		23.9	Yes	4,363,217

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)	4,363,217	
ELECTRIC METER READING (kWh)	43493	N/A
Hour Meter Reading (hrs)	22353.9	N/A
Holding Tank Level	N/A	
FILTER INLET PRESSURE (psig)	20.0 (Change filter if pressure > 30 psig)	After changing filter =
CARBON #1 INLET PRESSURE (psig)	18.5 (Backflush if pressure > 20 psig)	After backflush =
CARBON #2 INLET PRESSURE (psig)	10.3 (Backflush if pressure > 10 psig)	After backflush =
CARBON #3 INLET PRESSURE (psig)	4.9 (Backflush if pressure > 10 psig)	After backflush =
DISCHARGE PRESSURE (psig)	1.0	
EFF FLOW RATE (gpm)	1.0	

PART B: COMMENTS Changed Bag Filter
Inspected & Cleaned Totalizer

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) To be Collected week of 7/25/05

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?	No
Test Compound Float Switch?	Yes	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?	Yes	Flow Totalizers Cleaned?	Yes
Control Logics Checked?	Yes		

PART G: READINGS (Monthly during week 1) To be Completed week of 7/25/05

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

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Comments:

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

Field Technician Response:

Completed by: George Bradshaw — Date: 7/26/05
Arrival time: 1230 — Departure time: 1500
Sample this visit?: Yes — Engineer contacted? Yes

SS
02/2a/06

Date: 7/26/05

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

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4369300	
ELECTRIC METER READING (kWh)	43555 kWh	N/A
Hour Meter Reading (hrs)	22468.2	N/A
Holding Tank Level	N/A	N/A
FILTER INLET PRESSURE (psig)	0 (Change filter if pressure > 30 psig)	After changing filter = 13
CARBON #1 INLET PRESSURE (psig	0 (Backflush if pressure > 20 psig)	After backflush = 12
CARBON #2 INLET PRESSURE (psig	0 (Backflush if pressure > 10 psig)	After backflush = 7
CARBON #3 INLET PRESSURE (psig	0 (Backflush if pressure > 10 psig)	After backflush = 4
DISCHARGE PRESSURE (psig)	0	0
EFF FLOW RATE (gpm)	0	1.5

PART B: COMMENTS

System tripped on inlet pressure switch. Adjusted pressure switch to accomodate carbon hardening. Adjusted from 20 to 30 psi.

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 ID	ANALYSIS	BOTTLE REQUIREMENT	COMPLETE
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	7/26
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	7/26
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	7/26
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	7/26
TRIP BLANK	GRO/BTEX, EPA 8260 *(on Hold)*	3X40 mL VOA supplied by the lab	7/26

PART E: SYSTEM MAINTENANCE (Every Visit)

Sump Pump Tested?	N/A	Enclosure Swept?	N/o
Test Compound Float Switch?	Yes	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?	Yes	Flow Totalizers Cleaned?	Yes
Control Logics Checked?	Yes		

PART G: READINGS(Monthly during week 1)

	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
EFFLUENT	6.82	23.5°C	1608 µS	1.03
permit limits:	5.5 to 12.5	150°F		

bp

Chain of Custody Record

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): (14- day TAT)	8/9/05

On-site Time:	1230	Temp:	87
Off-site Time:	1400	Temp:	90
Sky Conditions:	Sunny Warm		
Meteorological Events:	None		
Wind Speed:	n/a	Direction:	n/a

Lab Name:	STL-SF (Pleasanton)	BP/AR Facility No.:	Station 608
Address:	1220 Quarry Lane	BP/AR Facility Address:	17601 Hesperian Blvd, San Lorenzo
	Pleasanton CA. 94566	Site Lat/Long:	37.673888 / -122.123
Lab PM:	Afsaneh Salimpour	California Global ID No.:	T0000100085
Tele/Fax:	925.484.1919/925.484.1096	Enfos Project No.:	G0C24-0005
BP/AR PM Contact:	Paul Supple	Provision or RCOP :	Provision
Address:	P.O. Box 6549	Phase/WBS:	03 - O&M
	Moraga CA 94570	Sub Phase/Task:	03 - Analytical
Tele/Fax:	925.299.8891/925.299.8872	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_Cosper@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	1315	7/26		X			3				X		X			
2	MID-1	1310	7/26		X			3				X		X			
3	MID-2	1305	7/26		X			3				X		X			
4	EFFL	1300	7/26		X			3				X		X			
5	EFFL	1300	7/26		X			1	X							X	
6	EFFL	1300	7/26		X			1		X					X		
7	TRIP BLANK	1230	7/26		X			3				X					HOLD
8																	
9																	
10																	

Sampler's Name:	GEORGE BRADSHAW	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	URS Corp		7/26	1330	STL SF	7/26/05	1532
Shipment Date:	7/28/05						
Shipment Method:	SAC - STL						
Shipment Tracking No:							

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

BP COC Rev. 4 10/1/04

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

Field Technician Response:

Completed by: [signature]
Arrival time: 1130
Sample this visit?: No
Date: 8/10/05
Departure time:
Engineer contacted? No

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AUG 1 [illegible]
BP UNIT

C:\DOCUMENTS AND SETTINGS\AMBUDDXO\DESKTOP\608 FIELD SHEETS.XLS\2/16/2005

55
08/12/05

Date: 8/10/05

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 (gallons)
E-1A	3"	Electric	Auto		23.9	Yes	4,388,486

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

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4,388,486	
ELECTRIC METER READING (kWh)	43740 kWh	N/A
Hour Meter Reading (hrs)	~~4 [illegible]~~ 22827.4	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) 15	After backflush =
CARBON #2 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 9	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	

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) To be Collected 8/24/05

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?	No
Test Compound Float Switch?	Yes	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) To be collected 8/24/05

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 Under Compliance: Yes

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

Field Technician Response:

Completed by: Craig A Backstrom

Arrival time: 0830

Sample this visit?: Yes

Date: 8/25/05

Departure time:

Engineer contacted?

RECEIVED

AUG 29 2005

BP UMT

SS
08/29/05

Date: 9/25/05

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

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4,407,082	4,407,134
ELECTRIC METER READING (kWh)	43929 kwh	N/A
Hour Meter Reading (hrs)	23184.0	N/A
Holding Tank Level	N/A	
FILTER INLET PRESSURE (psig)	(Change filter if pressure > 30 psig) 18.0	After changing filter =
CARBON #1 INLET PRESSURE (psig)	(Backflush if pressure > 20 psig) 16.5	After backflush =
CARBON #2 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 9.3	After backflush =
CARBON #3 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 4.6	After backflush =
DISCHARGE PRESSURE (psig)	0	
EFF FLOW RATE (gpm)	1.6	

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)

INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14-*day TAT*	3X40 mL HCl VOA's	8/25/05
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14-*day TAT*	3X40 mL HCl VOA's	8/25/05
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14-*day TAT*	3X40 mL HCl VOA's	8/25/05
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	8/25/05
TRIP BLANK	GRO/BTEX, EPA 8260 *(on Hold)*	3X40 mL VOA supplied by the lab	8/25/05

PART E: SYSTEM MAINTENANCE (Every Visit)

Sump Pump Tested?	N/A	Enclosure Swept?	No
Test Compound Float Switch?	Yes	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?		Flow Totalizers Cleaned?	
Control Logics Checked?			

PART G: READINGS (Monthly during week 1)

	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
EFFLUENT	6.91	23.2°C	1621 µs	1.07
permit limits:	5.5 to 12.5	150°F		

bp

Chain of Custody Record

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): (14- day TAT)	9/8/05

On-site Time:	0830 Temp: 68
Off-site Time:	Temp:
Sky Conditions:	Overcast
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	Site Lat/Long:	37.673888 / -122.123		Oakland CA 94612
Lab PM:	Afsaneh Salimpour	California Global ID No.:	T0001000085	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 Comments
1	INF	0905	9/5		X			3				X		X			
2	MID-1	0900	9/5		X			3				X		X			
3	MID-2	0855	9/5		X			3				X		X			
4	EFFL	0850	9/5		X			3				X		X			
5	EFFL	0850	9/5		X			1	X							X	
6	EFFL	0850	9/5		X			1		X					X		
7	TRIP BLANK	0850	9/5		X			3		X		X					HOLD
8																	
9																	
10																	

Sampler's Name:	George Branham	Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation	Date / Time
Sampler's Company:	URS Corp.			9/6/05	1430		9/6/05 1430
Shipment Date:	9/5/05						
Shipment Method:	Exc - STL						
Shipment Tracking No:							

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

BP COC Rev. 4 10/1/04

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: _____

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

Field Technician Response:

Completed by: George Brockhaus Date: 9/7/05

Arrival time: 0930 Departure time: 1000

Sample this visit?: No Engineer contacted? No

RECEIVED
SEP
BP UNIT

SS
09/13/05

Date: 9/7/05

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 (gallons
E-1A	3"	Electric	Auto		23.9	Yes	4,421,840

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

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	~~44096~~ 4,421,840	
ELECTRIC METER READING (kWh)	44096 kWh	N/A
Hour Meter Reading (hrs)	23497.2	N/A
Holding Tank Level	N/A	
FILTER INLET PRESSURE (psig) (Change filter if pressure > 30 psig)	19.0	After changing filter =
CARBON #1 INLET PRESSURE (psig) (Backflush if pressure > 20 psig)	17.6	After backflush =
CARBON #2 INLET PRESSURE (psig) (Backflush if pressure > 10 psig)	10.3	After backflush =
CARBON #3 INLET PRESSURE (psig) (Backflush if pressure > 10 psig)	5.0	After backflush =
DISCHARGE PRESSURE (psig)	1.0	
EFF FLOW RATE (gpm)	1.0	

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) To be Collected Week of 9/21

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~~ n/a	**Enclosure Swept?**	No
Test Compound Float Switch?	Yes	**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)

Submersible Pumps Checked?		**Flow Totalizers Cleaned?**	
Control Logics Checked?			

PART G: READINGS (Monthly during week 1) To be Collected Week of 9/21

	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
EFFLUENT				
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 Under Compliance: Yes
(If no, was the Engineer/PM contacted?)

Field Technician Response:

Completed by: George Bradshaw
Arrival time: 1200
Sample this visit?: Yes
Date: 9/20/05
Departure time: 1330
Engineer contacted? N/A

RECEIVED
SEP 2? ????
BP UNIT

SS
09/27/05

Date: 9/20/05

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 (gallons)
E-1A	3"	Electric	Auto		23.9	Y=S	4436511

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? Y=S (if no, specify reason in comments)
System on departure? Y=S (if no, specify reason in comments)
Filter Changed? Y=S

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4436511	4436564
ELECTRIC METER READING (kWh)	44256 kWh	N/A
Hour Meter Reading (hrs)	23812.4	N/A
Holding Tank Level	N/A	
FILTER INLET PRESSURE (psig)	20.0 (Change filter if pressure > 30 psig)	After changing filter = 18.0
CARBON #1 INLET PRESSURE (psig)	17.5 (Backflush if pressure > 20 psig)	After backflush = 17.3
CARBON #2 INLET PRESSURE (psig)	10.3 (Backflush if pressure > 10 psig)	After backflush = 8.7
CARBON #3 INLET PRESSURE (psig)	5.0 (Backflush if pressure > 10 psig)	After backflush = 3.9
DISCHARGE PRESSURE (psig)	<2	0
EFF FLOW RATE (gpm)	0.8	

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	9/20
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	9/20
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	9/20
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	9/20
TRIP BLANK	GRO/BTEX, EPA 8260 *(on Hold)*	3X40 mL VOA supplied by the lab	9/20

PART E: SYSTEM MAINTENANCE (Every Visit)

Sump Pump Tested?	Yes	Enclosure Swept?	No
Test Compound Float Switch?	Yes	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?		Flow Totalizers Cleaned?	
Control Logics Checked?			

PART G: READINGS(Monthly during week 1)

	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
EFFLUENT	6.86	24.3°C	1016 uS	2.35
permit limits:	5.5 to 12.5	150°F		

bp

Chain of Custody Record

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): 10/4/05
(14- day TAT)

On-site Time:	1330 1400	Temp:	69
Off-site Time:	1330	Temp:	70
Sky Conditions:	Cloudy		
Meteorological Events:	None		
Wind Speed:	N/A	Direction:	N/A

Lab Name:	STL-SF (Pleasanton)
Address:	1220 Quarry Lane
	Pleasanton CA
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 I and EDF
E-mail EDD To:	Donna.Cosper@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	Preservative:	Requested Analysis: BTEX/Oxy/TPH (8260)	Requested Analysis: COD (410.4)	Requested Analysis: TSS (160.2)	Requested Analysis:	Requested Analysis:	Requested Analysis:	Requested Analysis:	Requested Analysis:	Requested Analysis:	Sample Point Lat/Long and Comments
1	INF	1245	9/20		X			3				X			X									
2	MID-1	1240	9/20		X			3				X			X									
3	MID-2	1235	9/20		X			3				X			X									
4	EFFL	1230	9/20		X			3				X			X									
5	EFFL	1230	9/20		X			1	X								X							
6	EFFL	1230	9/20		X			1		X						X								
7	TRIP BLANK	1200	9/20		X			3				X												HOLD
8																								
9																								
10																								

Sampler's Name:	GEORGE BRADSHAW	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	URS CORP		9/21/05	1445			
Shipment Date:	9/21/05						
Shipment Method:	FAX - STL						
Shipment Tracking No:							

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

Sequoia
Analytical

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

15 August, 2005

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MOH0176

Enclosed are the results of analyses for samples received by the laboratory on 08/03/05 10:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kekobad

Jamshid Kekobad
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

1885 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	MOH0176
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	08/15/05 09:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFFL	MOH0176-01	Water	07/26/05 13:00	08/03/05 10:30

Sequoia Analytical

1885 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	MOH0176
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	08/15/05 09:37

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MOH0176-01) Water	**Sampled: 07/26/05 13:00**	**Received: 08/03/05 10:30**							
Chemical Oxygen Demand	ND	30	mg/l	1	5H09001	08/08/05	08/08/05	EPA 410.4	

Sequoia Analytical

1885 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	MOH0176
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	08/15/05 09:37

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 5H09001 - General Preparation / EPA 410.4										
Blank (5H09001-BLK1)				Prepared & Analyzed: 08/08/05						
Chemical Oxygen Demand	ND	30	mg/l							
Laboratory Control Sample (5H09001-BS1)				Prepared & Analyzed: 08/08/05						
Chemical Oxygen Demand	99.0	30	mg/l	100		99	75-120			
Matrix Spike (5H09001-MS1)	**Source: MOH0176-01**			Prepared & Analyzed: 08/08/05						
Chemical Oxygen Demand	105	30	mg/l	100	15	90	75-120			
Matrix Spike Dup (5H09001-MSD1)	**Source: MOH0176-01**			Prepared & Analyzed: 08/08/05						
Chemical Oxygen Demand	109	30	mg/l	100	15	94	75-120	4	15	

Sequoia Analytical

1885 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	MOH0176
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	08/15/05 09:37

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

SEVERN TRENT STL

Chain of Custody

Date Shipped: 8/2/2005

2005-08-0030 - 1

From:		To:	
STL San Francisco (CL) 1220 Quarry Lane Pleasanton, CA 94566-4756		Sequoia-Morgan Hill 885 Jarvis Drive Morgan Hill, CA 95037	MOH 0176
Project Manager: Phone: (925) 484-1919	Afsaneh Salimpour Ext: 107	Phone: (408) 776-9600 Fax: (408) 782-6308	Ext:
Fax: Email:	(925) 484-1096 asalimpour@stl-inc.com	Contact: Sample Receiving Phone: (408) 776-9600	Ext:

CL Submission #: 2005-08-0030
CL PO #:

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

Client Sample ID	# Containers	Collection Date/Time	Matrix	TAT
EFFL	4	7/26/2005 1:00:00PM	Water	
EDF Field ID: EFFL				
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: [signature] Time: 1500	Signature: Time:	Signature: Time:
Printed Name: Bryan Thomas Date: 8/2/05	Printed Name: Date:	Printed Name: Date:
Company: STL-SF	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature: [signature] Time: 10:30	Signature: Time:	Signature: Time:
Printed Name: Date: 8-3-05	Printed Name: Date:	Printed Name: Date:
Company:	Company:	Company:

11796 Page 1 of 1

Chain of Custody Record

On-site Time:	1230 Temp: 87
Off-site Time:	1400 Temp: 90
Sky Conditions:	Sunny Warm
Meteorological Events:	Clear
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): 8/9/05
(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.:	T0000100085	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	1315	7/26		X			3				X		X			
2	MID-1	1310	7/26		X			3				X		X			
3	MID-2	1305	7/26		X			3				X		X			
4	EFFL	1300	7/26		X			3				X		X			
5	EFFL	1300	7/26		X			1	X							X	
6	EFFL	1300	7/26		X			1		X					X		
7	TRIP BLANK	1220	7/26		X			3				X					HOLD
8																	
9																	
10																	

MOH176

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: GEORGE BRADSHAW		7/26	1350	STL-SAC	7/26/05	1520
Sampler's Company: URS CORP		7/26/05	1345		7/26	1358
Shipment Date: 7/28/05					7/27/05	1610
Shipment Method: SAC - STL						
Shipment Tracking No:						

Special Instructions:

Ice Chest Yes 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

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: STL San Francisco
REC. BY (PRINT) Marcos
WORKORDER: M614172

DATE REC'D AT LAB: 8.3.05
TIME REC'D AT LAB: 10:30
DATE LOGGED IN: 8-3-05

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*			EFFL	500ml poly	H_2SO_4	-	L	7.26.05	
2. Chain-of-Custody (Present) / Absent*									
3. Traffic Reports or Packing List: Present / (Absent)									
4. Airbill: (Airbill / Sticker) Present / Absent									
5. Airbill #: 6719 7541 8185									
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: 4.2									
Corrected Temp: 4.2									
Is corrected temp 4 +/-2°C? Yes / No**									

(Acceptance range for samples requiring thermal pres.)

Exception (if any): METALS / DFF ON ICE
Per Sam COC

MF 8.3.05

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

SEVERN TRENT STL

Submission#: 2005-08-0030

URS-Oakland, CA

August 15, 2005

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 07/29/2005 16:40
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 09/12/2005 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
Project Manager

SEVERN TRENT STL

Submission: 2005-08-0030

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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EFFL	07/26/2005 13:00	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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s):	160.2	Test(s):	160.2
Sample ID:	**EFFL**	Lab ID:	2005-08-0030 - 4
Sampled:	07/26/2005 13:00	Extracted:	8/2/2005 11:09
Matrix:	Water	QC Batch#:	2005/08/02-01.29

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
TSS	ND	20	mg/L	1.00	08/03/2005 08:51	

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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 160.2
Method Blank
MB: 2005/08/02-01.29-001

Water

Test(s): 160.2
QC Batch # 2005/08/02-01.29
Date Extracted: 08/02/2005 11:09

Compound	Conc.	RL	Unit	Analyzed	Flag
TSS	ND	20	mg/L	08/03/2005 08:48	

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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 160.2

Test(s): 160.2

Laboratory Control Spike **Water** **QC Batch # 2005/08/02-01.29**

LCS 2005/08/02-01.29-002 Extracted: 08/02/2005 Analyzed: 08/03/2005 08:49
LCSD 2005/08/02-01.29-003 Extracted: 08/02/2005 Analyzed: 08/03/2005 08:49

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
TSS	963	993	1000	96.3	99.3	3.1	80-120	20		

SEVERN TRENT STL

Submission: 2005-08-0030

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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	07/26/2005 13:15	Water	1
MID-1	07/26/2005 13:10	Water	2
MID-2	07/26/2005 13:05	Water	3
EFFL	07/26/2005 13:00	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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s): 5030B
Sample ID: **INF**
Sampled: 07/26/2005 13:15
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2005-08-0030 - 1
Extracted: 8/8/2005 21:36
QC Batch#: 2005/08/08-2C.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	08/08/2005 21:36	
Benzene	ND	0.50	ug/L	1.00	08/08/2005 21:36	
Toluene	ND	0.50	ug/L	1.00	08/08/2005 21:36	
Ethylbenzene	ND	0.50	ug/L	1.00	08/08/2005 21:36	
Total xylenes	ND	1.0	ug/L	1.00	08/08/2005 21:36	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	08/08/2005 21:36	
Methyl tert-butyl ether (MTBE)	13	0.50	ug/L	1.00	08/08/2005 21:36	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	08/08/2005 21:36	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	08/08/2005 21:36	
tert-Amyl methyl ether (TAME)	1.2	0.50	ug/L	1.00	08/08/2005 21:36	
Surrogate(s)						
1,2-Dichloroethane-d4	100.6	73-130	%	1.00	08/08/2005 21:36	
Toluene-d8	91.8	81-114	%	1.00	08/08/2005 21:36	

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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s): 5030B
Sample ID: **MID-1**
Sampled: 07/26/2005 13:10
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2005-08-0030 - 2
Extracted: 8/8/2005 22:00
QC Batch#: 2005/08/08-2C.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	08/08/2005 22:00	
Benzene	ND	0.50	ug/L	1.00	08/08/2005 22:00	
Toluene	ND	0.50	ug/L	1.00	08/08/2005 22:00	
Ethylbenzene	ND	0.50	ug/L	1.00	08/08/2005 22:00	
Total xylenes	ND	1.0	ug/L	1.00	08/08/2005 22:00	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	08/08/2005 22:00	
Methyl tert-butyl ether (MTBE)	3.2	0.50	ug/L	1.00	08/08/2005 22:00	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	08/08/2005 22:00	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	08/08/2005 22:00	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	08/08/2005 22:00	
Surrogate(s)						
1,2-Dichloroethane-d4	99.6	73-130	%	1.00	08/08/2005 22:00	
Toluene-d8	98.5	81-114	%	1.00	08/08/2005 22:00	

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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s): 5030B
Sample ID: **MID-2**
Sampled: 07/26/2005 13:05
Matrix: Water

Test(s): 8260B
Lab ID: 2005-08-0030 - 3
Extracted: 8/8/2005 19:24
QC Batch#: 2005/08/08-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	08/08/2005 19:24	
Benzene	ND	0.50	ug/L	1.00	08/08/2005 19:24	
Toluene	ND	0.50	ug/L	1.00	08/08/2005 19:24	
Ethylbenzene	ND	0.50	ug/L	1.00	08/08/2005 19:24	
Total xylenes	ND	1.0	ug/L	1.00	08/08/2005 19:24	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	08/08/2005 19:24	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/08/2005 19:24	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	08/08/2005 19:24	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	08/08/2005 19:24	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	08/08/2005 19:24	
Surrogate(s)						
1,2-Dichloroethane-d4	104.3	73-130	%	1.00	08/08/2005 19:24	
Toluene-d8	99.1	81-114	%	1.00	08/08/2005 19:24	

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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**EFFL**	Lab ID:	2005-08-0030 - 4
Sampled:	07/26/2005 13:00	Extracted:	8/8/2005 18:05
Matrix:	Water	QC Batch#:	2005/08/08-1C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	08/08/2005 18:05	
Benzene	ND	0.50	ug/L	1.00	08/08/2005 18:05	
Toluene	ND	0.50	ug/L	1.00	08/08/2005 18:05	
Ethylbenzene	ND	0.50	ug/L	1.00	08/08/2005 18:05	
Total xylenes	ND	1.0	ug/L	1.00	08/08/2005 18:05	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	08/08/2005 18:05	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/08/2005 18:05	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	08/08/2005 18:05	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	08/08/2005 18:05	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	08/08/2005 18:05	
Surrogate(s)						
1,2-Dichloroethane-d4	100.9	73-130	%	1.00	08/08/2005 18:05	
Toluene-d8	97.4	81-114	%	1.00	08/08/2005 18:05	

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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/08/08-1C.62-032

Water

Test(s): 8260B
QC Batch # 2005/08/08-1C.62
Date Extracted: 08/08/2005 17:32

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	08/08/2005 17:32	
Benzene	ND	0.5	ug/L	08/08/2005 17:32	
Toluene	ND	0.5	ug/L	08/08/2005 17:32	
Ethylbenzene	ND	0.5	ug/L	08/08/2005 17:32	
Total xylenes	ND	1.0	ug/L	08/08/2005 17:32	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	08/08/2005 17:32	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/08/2005 17:32	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	08/08/2005 17:32	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	08/08/2005 17:32	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	08/08/2005 17:32	
Surrogates(s)					
1,2-Dichloroethane-d4	98.8	73-130	%	08/08/2005 17:32	
Toluene-d8	95.0	81-114	%	08/08/2005 17:32	

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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/08/08-2C.64-039

Water

Test(s): 8260B
QC Batch # 2005/08/08-2C.64
Date Extracted: 08/08/2005 18:39

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	08/08/2005 18:39	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	08/08/2005 18:39	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/08/2005 18:39	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	08/08/2005 18:39	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	08/08/2005 18:39	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	08/08/2005 18:39	
Benzene	ND	0.5	ug/L	08/08/2005 18:39	
Toluene	ND	0.5	ug/L	08/08/2005 18:39	
Ethylbenzene	ND	0.5	ug/L	08/08/2005 18:39	
Total xylenes	ND	1.0	ug/L	08/08/2005 18:39	
Surrogates(s)					
1,2-Dichloroethane-d4	96.2	73-130	%	08/08/2005 18:39	
Toluene-d8	92.4	81-114	%	08/08/2005 18:39	

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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike | **Water** | **QC Batch # 2005/08/08-1C.62**

LCS 2005/08/08-1C.62-039 | Extracted: 08/08/2005 | Analyzed: 08/08/2005 16:39
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	27.8		25	111.2			65-165	20		
Benzene	22.2		25	88.8			69-129	20		
Toluene	27.9		25	111.6			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	454		500	90.8			73-130			
Toluene-d8	483		500	96.6			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: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/08/08-2C.64**

LCS 2005/08/08-2C.64-015 Extracted: 08/08/2005 Analyzed: 08/08/2005 18:15
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	27.5		25	110.0			65-165	20		
Benzene	25.3		25	101.2			69-129	20		
Toluene	25.6		25	102.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	462		500	92.4			73-130			
Toluene-d8	454		500	90.8			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
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Project: 38487015
Station 608

Received: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/08-1C.62**

EFFL >> MS

Lab ID: 2005-08-0030 - 004

MS: 2005/08/08-1C.62-031 Extracted: 08/08/2005 Analyzed: 08/08/2005 18:31

Dilution: 1.00

MSD: 2005/08/08-1C.62-058 Extracted: 08/08/2005 Analyzed: 08/08/2005 18:58

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	26.1	27.7	ND	25	104.4	110.8	5.9	65-165	20		
Benzene	21.1	21.5	ND	25	84.4	86.0	1.9	69-129	20		
Toluene	26.0	26.5	ND	25	104.0	106.0	1.9	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	507	500		500	101.4	100.0		73-130			
Toluene-d8	496	480		500	99.2	96.0		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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

Project: 38487015
Station 608

Received: 07/29/2005 16:40

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/08/08-2C.64**

MS/MSD

Lab ID: 2005-08-0021 - 006

MS: 2005/08/08-2C.64-033 Extracted: 08/08/2005 Analyzed: 08/08/2005 19:33

Dilution: 1.00

MSD: 2005/08/08-2C.64-057 Extracted: 08/08/2005 Analyzed: 08/08/2005 19:57

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	23.3	19.8	ND	25	93.2	79.2	16.2	65-165	20		
Benzene	26.9	25.3	ND	25	107.6	101.2	6.1	69-129	20		
Toluene	27.2	26.6	ND	25	108.8	106.4	2.2	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	456	464		500	91.2	92.8		73-130			
Toluene-d8	466	471		500	93.2	94.2		81-114			

2005-08-0030

Chain of Custody Record

117196 Page 1 of 1

On-site Time:	1230	Temp:	87
Off-site Time:	1400	Temp:	80
Sky Conditions:	Sunny	Warm	
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): 8/3/05
(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 RGOP:~~	~~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	1315	7/26		X			3				X		X			
2	MID-1	1310	7/26		X			3				X		X			
3	MID-2	1305	7/26		X			3				X		X			
4	EFFL	1300	7/26		X			3				X		X			
5	EFFL	1300	7/26		X			1	X							X	
6	EFFL	1300	7/26		X			1		X					X		
7	TRIP BLANK	1220	7/26		X			3				X					HOLD
8																	
9																	
10																	

Sampler's Name:	GEORGE BRADSHAW	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date / Time
Sampler's Company:	URS CORP		7/26/05	1330	STL-SF	7/26/05 1530
Shipment Date:	7/26/05		7/26/05	1345	FedEx	7/30/05 1358
Shipment Method:	SAC - STL					7/27/05 0830
Shipment Tracking No:						

Special Instructions:

Custody Seals In Place Yes 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#: 2005-08-0806

URS-Oakland, CA

September 14, 2005

1333 Broadway, Suite 800
Oakland, CA 94612

Attn.: Scott Robinson

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

Attached is our report for your samples received on 08/26/2005 10:50
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 10/10/2005 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
Project Manager

URS-Oakland, CA

September 14, 2005

1333 Broadway, Suite 800
Oakland, CA 94612

Attn.: Scott Robinson

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

Case Narrative

General and Sample Comments

We (STL San Francisco) received 5 Water samples , on Friday, August 26, 2005 10:50 AM.

Analysis Comments and Flags by QC Batch

Gas/BTEX Fuel Oxygenates by 8260B (for BP)	Water	QC Batch#: 200509081B64038

MW-4A >> MS 200509081B64038

Compound Flag(s)

LM,AY LM=MS and/or MSD above acceptance limits. See Blank Spike(LCS).

Gas/BTEX Fuel Oxygenates by 8260B (for BP)	Water	QC Batch#: 200509111A65

EFFL 2005080806 004

Analysis Flag(s)

ET Sample was extracted past end of recommended max. holding time

Gas/BTEX Fuel Oxygenates by 8260B (for BP)	Water	QC Batch#: 200509132B64

EFFL 2005080806 004

Analysis Flag(s)

ET Sample was extracted past end of recommended max. holding time

SEVERN TRENT STL

Submission: 2005-08-0806

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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	08/25/2005 09:05	Water	1
MID-1	08/25/2005 09:00	Water	2
MID-2	08/25/2005 08:55	Water	3
EFFL	08/25/2005 08:50	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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Prep(s): 5030B
Sample ID: **INF**
Sampled: 08/25/2005 09:05
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2005-08-0806 - 1
Extracted: 9/7/2005 23:26
QC Batch#: 2005/09/07-2C.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	09/07/2005 23:26	
Toluene	ND	0.50	ug/L	1.00	09/07/2005 23:26	
Ethylbenzene	ND	0.50	ug/L	1.00	09/07/2005 23:26	
Total xylenes	ND	1.0	ug/L	1.00	09/07/2005 23:26	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	09/07/2005 23:26	
Methyl tert-butyl ether (MTBE)	9.8	0.50	ug/L	1.00	09/07/2005 23:26	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	09/07/2005 23:26	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	09/07/2005 23:26	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	09/07/2005 23:26	
Surrogate(s)						
1,2-Dichloroethane-d4	106.3	73-130	%	1.00	09/07/2005 23:26	
Toluene-d8	103.9	81-114	%	1.00	09/07/2005 23:26	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 38487015
Station 608

Received: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MID-1**	Lab ID:	2005-08-0806 - 2
Sampled:	08/25/2005 09:00	Extracted:	9/7/2005 23:47
Matrix:	Water	QC Batch#:	2005/09/07-2C.64
pH: <2			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	09/07/2005 23:47	
Toluene	ND	0.50	ug/L	1.00	09/07/2005 23:47	
Ethylbenzene	ND	0.50	ug/L	1.00	09/07/2005 23:47	
Total xylenes	ND	1.0	ug/L	1.00	09/07/2005 23:47	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	09/07/2005 23:47	
Methyl tert-butyl ether (MTBE)	2.2	0.50	ug/L	1.00	09/07/2005 23:47	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	09/07/2005 23:47	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	09/07/2005 23:47	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	09/07/2005 23:47	
Surrogate(s)						
1,2-Dichloroethane-d4	105.5	73-130	%	1.00	09/07/2005 23:47	
Toluene-d8	104.1	81-114	%	1.00	09/07/2005 23:47	

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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Prep(s): 5030B
Sample ID: **MID-2**
Sampled: 08/25/2005 08:55

Matrix: Water

pH: <2

Test(s): 8260B
Lab ID: 2005-08-0806 - 3
Extracted: 9/8/2005 02:44
9/8/2005 11:33

QC Batch#: 2005/09/07-2D.71
2005/09/08-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	09/08/2005 11:33	
Toluene	ND	0.50	ug/L	1.00	09/08/2005 02:44	
Ethylbenzene	ND	0.50	ug/L	1.00	09/08/2005 02:44	
Total xylenes	ND	1.0	ug/L	1.00	09/08/2005 02:44	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	09/08/2005 02:44	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	09/08/2005 02:44	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	09/08/2005 02:44	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	09/08/2005 02:44	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	09/08/2005 02:44	
Surrogate(s)						
1,2-Dichloroethane-d4	99.0	73-130	%	1.00	09/08/2005 11:33	
1,2-Dichloroethane-d4	87.1	73-130	%	1.00	09/08/2005 02:44	
Toluene-d8	87.9	81-114	%	1.00	09/08/2005 02:44	
Toluene-d8	101.5	81-114	%	1.00	09/08/2005 11:33	

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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Prep(s): 5030B
Sample ID: **EFFL**
Sampled: 08/25/2005 08:50

Matrix: Water

Test(s): 8260B
Lab ID: 2005-08-0806 - 4
Extracted: 9/11/2005 21:18
9/14/2005 01:08

QC Batch#: 2005/09/11-1A.65
2005/09/13-2B.64

Analysis Flag: ET, pH: <2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	09/11/2005 21:18	
Toluene	ND	0.50	ug/L	1.00	09/11/2005 21:18	
Ethylbenzene	ND	0.50	ug/L	1.00	09/11/2005 21:18	
Total xylenes	ND	1.0	ug/L	1.00	09/11/2005 21:18	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	09/11/2005 21:18	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	09/11/2005 21:18	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	09/11/2005 21:18	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	09/14/2005 01:08	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	09/11/2005 21:18	
Surrogate(s)						
1,2-Dichloroethane-d4	128.5	73-130	%	1.00	09/11/2005 21:18	
1,2-Dichloroethane-d4	100.7	73-130	%	1.00	09/14/2005 01:08	
Toluene-d8	104.5	81-114	%	1.00	09/14/2005 01:08	
Toluene-d8	90.4	81-114	%	1.00	09/11/2005 21:18	

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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/09/07-2C.64-054

Water

Test(s): 8260B
QC Batch # 2005/09/07-2C.64
Date Extracted: 09/07/2005 18:54

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	09/07/2005 18:54	
Toluene	ND	0.5	ug/L	09/07/2005 18:54	
Ethylbenzene	ND	0.5	ug/L	09/07/2005 18:54	
Total xylenes	ND	1.0	ug/L	09/07/2005 18:54	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	09/07/2005 18:54	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/07/2005 18:54	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	09/07/2005 18:54	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	09/07/2005 18:54	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	09/07/2005 18:54	
Surrogates(s)					
1,2-Dichloroethane-d4	100.8	73-130	%	09/07/2005 18:54	
Toluene-d8	104.4	81-114	%	09/07/2005 18:54	

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
Station 608

Received: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/09/07-2D.71-036

Water

Test(s): 8260B
QC Batch # 2005/09/07-2D.71
Date Extracted: 09/07/2005 19:36

Compound	Conc.	RL	Unit	Analyzed	Flag
Toluene	ND	0.5	ug/L	09/07/2005 19:36	
Ethylbenzene	ND	0.5	ug/L	09/07/2005 19:36	
Total xylenes	ND	1.0	ug/L	09/07/2005 19:36	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	09/07/2005 19:36	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/07/2005 19:36	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	09/07/2005 19:36	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	09/07/2005 19:36	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	09/07/2005 19:36	
Surrogates(s)					
1,2-Dichloroethane-d4	85.8	73-130	%	09/07/2005 19:36	
Toluene-d8	90.0	81-114	%	09/07/2005 19:36	

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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/09/08-1B.64-032

Water

Test(s): 8260B
QC Batch # 2005/09/08-1B.64
Date Extracted: 09/08/2005 08:32

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	09/08/2005 08:32	
Toluene	ND	0.5	ug/L	09/08/2005 08:32	
Ethylbenzene	ND	0.5	ug/L	09/08/2005 08:32	
Total xylenes	ND	1.0	ug/L	09/08/2005 08:32	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	09/08/2005 08:32	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/08/2005 08:32	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	09/08/2005 08:32	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	09/08/2005 08:32	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	09/08/2005 08:32	
Surrogates(s)					
1,2-Dichloroethane-d4	96.7	73-130	%	09/08/2005 08:32	
Toluene-d8	103.7	81-114	%	09/08/2005 08:32	

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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/09/11-1A.65-031

Water

Test(s): 8260B
QC Batch # 2005/09/11-1A.65
Date Extracted: 09/11/2005 14:31

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	09/11/2005 14:31	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	09/11/2005 14:31	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/11/2005 14:31	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	09/11/2005 14:31	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	09/11/2005 14:31	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	09/11/2005 14:31	
Toluene	ND	0.5	ug/L	09/11/2005 14:31	
Ethylbenzene	ND	0.5	ug/L	09/11/2005 14:31	
Total xylenes	ND	1.0	ug/L	09/11/2005 14:31	
Surrogates(s)					
1,2-Dichloroethane-d4	110.2	73-130	%	09/11/2005 14:31	
Toluene-d8	91.2	81-114	%	09/11/2005 14:31	

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
Station 608

Received: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/09/13-2B.64-052

Water

Test(s): 8260B
QC Batch # 2005/09/13-2B.64
Date Extracted: 09/13/2005 18:52

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	09/13/2005 18:52	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	09/13/2005 18:52	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/13/2005 18:52	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	09/13/2005 18:52	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	09/13/2005 18:52	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	09/13/2005 18:52	
Toluene	ND	0.5	ug/L	09/13/2005 18:52	
Ethylbenzene	ND	0.5	ug/L	09/13/2005 18:52	
Total xylenes	ND	1.0	ug/L	09/13/2005 18:52	
Surrogates(s)					
1,2-Dichloroethane-d4	92.8	73-130	%	09/13/2005 18:52	
Toluene-d8	104.0	81-114	%	09/13/2005 18:52	

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
Station 608

Received: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike | **Water** | **QC Batch # 2005/09/07-2C.64**

LCS 2005/09/07-2C.64-033 | Extracted: 09/07/2005 | Analyzed: 09/07/2005 18:33

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	26.1		25	104.4			65-165	20		
Toluene	26.1		25	104.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	452		500	90.4			73-130			
Toluene-d8	514		500	102.8			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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/09/07-2D.71**

LCS 2005/09/07-2D.71-009 Extracted: 09/07/2005 Analyzed: 09/07/2005 19:09
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.4		25	101.6			65-165	20		
Toluene	25.4		25	101.6			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	399		500	79.8			73-130			
Toluene-d8	460		500	92.0			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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike | **Water** | **QC Batch # 2005/09/08-1B.64**

LCS 2005/09/08-1B.64-011 | Extracted: 09/08/2005 | Analyzed: 09/08/2005 08:11
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	24.0		25	96.0			65-165	20		
Toluene	27.0		25	108.0			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	448		500	89.6			73-130			
Toluene-d8	536		500	107.2			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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike | **Water** | **QC Batch # 2005/09/11-1A.65**

LCS 2005/09/11-1A.65-004 | Extracted: 09/11/2005 | Analyzed: 09/11/2005 14:04
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	27.4		25	109.6			65-165	20		
Toluene	27.0		25	108.0			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	486		500	97.2			73-130			
Toluene-d8	463		500	92.6			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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/09/13-2B.64**

LCS 2005/09/13-2B.64-031 Extracted: 09/13/2005 Analyzed: 09/13/2005 18:31
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.3		25	93.2			65-165	20		
Toluene	26.9		25	107.6			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	415		500	83.0			73-130			
Toluene-d8	510		500	102.0			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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/09/07-2C.64**

MS/MSD

Lab ID: 2005-08-0815 - 001

MS: 2005/09/07-2C.64-057 Extracted: 09/07/2005

Analyzed: 09/07/2005 19:57

Dilution: 1.00

MSD: 2005/09/07-2C.64-018 Extracted: 09/07/2005

Analyzed: 09/07/2005 20:18

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	24.0	26.4	ND	25	96.0	105.6	9.5	65-165	20		
Toluene	23.5	25.9	ND	25	94.0	103.6	9.7	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	513	512		500	102.6	102.4		73-130			
Toluene-d8	505	520		500	101.0	104.0		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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/09/07-2D.71**

MS/MSD

Lab ID: 2005-08-0817 - 003

MS: 2005/09/07-2D.71-043 Extracted: 09/07/2005 Analyzed: 09/07/2005 22:43

Dilution: 100.00

MSD: 2005/09/07-2D.71-010 Extracted: 09/07/2005 Analyzed: 09/07/2005 23:10

Dilution: 100.00

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	2220	2190	ND	2500	88.8	87.6	1.4	65-165	20		
Toluene	2720	2580	414	2500	92.2	86.6	6.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	395	405		500	79.0	81.0		73-130			
Toluene-d8	445	450		500	89.0	90.0		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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/09/08-1B.64**

MS/MSD

Lab ID: 2005-08-0800 - 006

MS: 2005/09/08-1B.64-038 Extracted: 09/08/2005 Analyzed: 09/08/2005 13:38
Dilution: 1.00

MSD: 2005/09/08-1B.64-059 Extracted: 09/08/2005 Analyzed: 09/08/2005 13:59
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	267	264	223	25	176.0	164.0	7.1	65-165	20	LM,AY	
Toluene	23.3	26.1	ND	25	93.2	104.4	11.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	495	476		500	99.0	95.2		73-130			
Toluene-d8	525	504		500	105.0	100.8		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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/09/11-1A.65**

MS/MSD

Lab ID: 2005-09-0079 - 002

MS: 2005/09/11-1A.65-053 Extracted: 09/11/2005 Analyzed: 09/11/2005 16:53

Dilution: 20.00

MSD: 2005/09/11-1A.65-020 Extracted: 09/11/2005 Analyzed: 09/11/2005 17:20

Dilution: 20.00

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	620	662	69.3	500	110.1	118.5	7.3	65-165	20		
Toluene	562	545	0.842	500	112.2	108.8	3.1	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	474	493		500	94.8	98.6		73-130			
Toluene-d8	457	456		500	91.4	91.2		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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/09/13-2B.64**

MS/MSD

Lab ID: 2005-09-0088 - 006

MS: 2005/09/13-2B.64-054 Extracted: 09/13/2005 Analyzed: 09/13/2005 19:54

Dilution: 1.00

MSD: 2005/09/13-2B.64-015 Extracted: 09/13/2005 Analyzed: 09/13/2005 20:15

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	91.3	92.7	69.6	25	86.8	92.4	6.3	65-165	20		
Toluene	21.6	21.3	ND	25	86.4	85.2	1.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	480	488		500	96.0	97.6		73-130			
Toluene-d8	515	498		500	103.0	99.6		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: 08/26/2005 10:50

Site: 17601 Hesperaian Blvd., San Lorenzo

Legend and Notes

Analysis Flag

ET

Sample was extracted past end of recommended max. holding time

Result Flag

LM,AY

LM=MS and/or MSD above acceptance limits. See Blank Spike(LCS).

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

September 6, 2005

STL LOT NUMBER: **E5I010300**
PO/CONTRACT: GEM 6-21909

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 September 1, 2005. This sample is associated with your STATION 608 project.

STL Los Angeles certifies that the test results provided in this report meet all the requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of the report. NELAP Certification Number for STL Los Angeles is 01118CA/E87652.

Any matrix related anomaly is footnoted within the report. A cooler receipt temperature between 2-6 degrees Celsius is within EPA acceptance criteria. The temperature(s) of the coolers received for this project can be found on the Project Receipt Checklist.

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

This report contains **000016** pages.

CASE NARRATIVE

Historical control limits for the LCS are used to define the estimate of uncertainty for a method.

All applicable quality control procedures met method-specified acceptance criteria.

If you have any questions, please feel free to call me at 714.258.8610.

Sincerely,

Sabina Sudoko
Project Manager
CC: Project File

SEVERN TRENT STL

Chain of Custody

Date Shipped: 8/29/2005

2005-08-0806 - 1

From:

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

ESI010800

To:

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

Project Manager:	Afsaneh Salimpour	Phone:	(714) 258-8610 Ext:
Phone: (925) 484-1919	Ext: 107	Fax:	(714) 258-0921
Fax:	(925) 484-1096	Contact:	Sample Control
Email:	asalimpour@stl-inc.com	Phone:	(714) 258-8610 Ext:

CL Submission #: 2005-08-0806
CL PO #:

Project #: 38487015
Project Name: Station 608
EDF Global ID: T0000100085

Client Sample ID: Analysis	CL#	Sampled	Matrix Method	TAT
EFFL	4	8/25/2005 8:50:00AM	Water	
EDF Field ID: EFFL				
Subcontract - Others * TSS *				5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: [signature] Time: 1500	Signature: Time:	Signature: Time:
Printed Name: Brian Thomas Date: 8/29/05	Printed Name: Date:	Printed Name: Date:
Company: STL-SF	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature: [signature] Time: 11:10	Signature: Time:	Signature: Time:
Printed Name: STL MAGALLANES Date: 8/30/05	Printed Name: Date:	Printed Name: Date:
Company: STL	Company:	Company:

000003

3.5 +/- .4 = 3.1

96948

Page 1 of 1

66572

Chain of Custody Record

bp

2005-08-0806

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): 9/8/05
(14- day TAT)

On-site Time: 0850	Temp: 68		
Off-site Time:	Temp:		
Sky Conditions: Over Cast			
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	Site Lat/Long:	37.673888 / -122.123		Oakland CA 94612
Lab PM:	Afsaneh Salimpour	California Global ID No.:	T0000100085	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	Preservative:	Requested Analysis: BTEX/Oxy/TPH (8260)	COD (410.4)	TSS (160.2)							Sample Point Lat/Long and Comments
1	INF	0905	8/25		X			3				X			X									
2	MID-1	0900	8/25		X			3				X			X									
3	MID-2	0855	8/25		X			3				X			X									
4	EFFL	0850	8/25		X			3				X			X									
5	EFFL	0850	8/25		X			1	X								X							
6	EFFL	0850	8/25		X			1		X						X								
7	TRIP BLANK	0850	8/25		X			3				X												HOLD
8																								
9																								
10																								

Temp 20 °F

		Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name:	George Bradshaw	[signature]	8/25/05	1130	[signature]	8/25/05	1130
Sampler's Company:	URS Corp.						
Shipment Date:	8/25/05						
Shipment Method:	Sac - STL	[signature]	8/26/05	1050	[signature] STL-SF	8/26/05	1050
Shipment Tracking No:		[signature] STL-SF	8/26/05	1535	[signature]	8/26/05	15:35

Special Instructions:

Custody Seals In Place Yes No X   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

BP COC Rev. 4 10/1/04

000004

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 8/30/05

LIMS Lot #: ESI010300 Quote #: 166572

Client Name: San Francisco Project: 38487015

Received by: Sal Date/Time Received: 8/30/05 11:10 SM

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

	Initial / Date
Custody Seal Status Cooler: ☒ Intact ☐ Broken ☐ None	SM 8/30/05
Custody Seal Status Samples: ☐ Intact ☐ Broken ☒ None	
Custody Seal #(s): _____ ☒ No Seal #	
Sampler Signature on COC ☐ Yes ☒ No ☐ N/A	
IR Gun # A Correction Factor .4 °C IR passed daily verification ☒ Yes ☐ No	
Temperature - BLANK 3.5 °C +/- .4 CF = 3.1 °C	
Temperature – COOLER (___ °C ___ °C ___ °C ___ °C) = ___ avg °C +/- ___ CF = ___ °C	
Samples outside temperature criteria but received within 6 hours of final sampling ☐ Yes ☒ N/A	
Sample Container(s): ☒ STL-LA ☐ Client	
One COC/Multiple coolers: ☐ Yes- # coolers ___ All within temp criteria ☐ Yes ☐ No ☒ N/A	
One or more coolers with an anomaly: ☐ Yes – (fill out PRC for each) ☒ N/A	
Samples: ☒ Intact ☐ Broken ☐ Other _____	
pH measured: ☐ Yes ☐ Anomaly (if checked, notify lab and file NCM) ☒ N/A	
Anomalies: ☒ No ☐ Yes – complete CUR and Create NCM NCM # _____	
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒ Yes ☐ N/A	
Labeled by: Sal m Labeling checked	
Turn Around Time: ☐ RUSH–24HR ☐ RUSH–48HR ☐ RUSH–72HR ☒ NORMAL	
Short-Hold Notification: ☐ pH ☐ Wet Chem ☐ Metals (Filter/Pres) ☐ Encore ☐ >1/2 HT expired...	
Outside Analysis(es) (Test/Lab/Date Sent Out) :	
_____	
_____	
_____	

********** LEAVE NO BLANK SPACES ; USE N/A ********** SM 8/30/05

Headspace Anomaly ☒ N/A 8/30/05 SM

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 # E5I010300

PROJECT RECEIPT CHECKLIST Cont'd

Fraction	1													
VOAH/ *														
PB 8oz	1													

* VOA with headspace/bubbles < 6mm

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

☒ N/A SD 8/30/05

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

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

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

* **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

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

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

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

* **LABELS**
- ☐ Not the same ID/info as in COC
- ☐ Incomplete Information
- ☐ Markings/Info illegible
- ☐ Torn
- ☐ 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: [signature] 9-1-05

PM Review/Date: 9/1 [initials]

E5I010300

SEVERN TRENT STL

Analytical Report

ANALYTICAL REPORT

PROJECT NO. 38487015

STATION 608

Lot #: K5I010300

AFSANEH SALIMPOUR

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

Sabina Sudoko
Project Manager

September 8, 2005

METHODS SUMMARY

E5I010300

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Non-Filterable Residue (TSS)	MCAWW 160.2	MCAWW 160.2

References:

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

SAMPLE SUMMARY

B5I010300

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HJRNW	001	EFFL	08/25/05	08:50

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

General Chemistry

Lot-Sample #...: ESI010300-001 Work Order #...: HJRNW Matrix.....: W
Date Sampled...: 08/25/05 08:50 Date Received..: 09/01/05 11:10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids	ND	10000	ug/L	MCAWW 160.2	09/01/05	5244473

Dilution Factor: 1 Analysis Time..: 16:30 Analyst ID.....: 999995
Instrument ID..: W15 MS Run #.....1

SEVERN TRENT STL

QA/QC

QC DATA ASSOCIATION SUMMARY

E5I010300

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	W	MCAWW 160.2		5244473	

METHOD BLANK REPORT

General Chemistry

Client Lot #...: E5I010300 Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: HJ1N31AA		MB Lot-Sample #:	E5I010000-473	
	ND	10000	ug/L	MCAWW 160.2	09/01/05	5244473
		Dilution Factor: 1				
		Analysis Time..: 16:30		Analyst ID.....: 999995	Instrument ID..: W15	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: E5I010300 Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids	WO#:HJ1N31AC-LCS/HJ1N31AD-LCSD LCS Lot-Sample#: E5I010000-473						
	101	(85 - 115)			MCAWW 160.2	09/01/05	5244473
	103	(85 - 115)	1.6	(0-20)	MCAWW 160.2	09/01/05	5244473

Dilution Factor: 1 Analysis Time..: 16:30 Analyst ID.....: 999999
Instrument ID..: W18

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: E5I010300 Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		WO#:HJ1N31AC-LCS/HJ1N31AD-LCSD				LCS Lot-Sample#: E5I010000-473		
	500000	505000	ug/L	101		MCAWW 160.2	09/01/05	5244473
	500000	513000	ug/L	103	1.6	MCAWW 160.2	09/01/05	5244473
		Dilution Factor: 1				Analysis Time..: 16:30	Analyst ID.....: 999935	
		Instrument ID..: W15						

NOTE(S):

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

96948 Page 1 of 1

Chain of Custody Record

On-site Time:	0850 Temp: 68
Off-site Time:	Temp:
Sky Conditions:	Over Cast
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): 9/8/05
(14- day TAT)

2005-08-0806

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	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 Comments
																	TEMP BLK
1	INF	0845	8/25		X			3				X		X			
2	MID-1	0900	8/25		X			3				X		X			
3	MID-2	1855	8/25		X			3				X		X			
4	EFFL	0850	8/25		X			3				X		X			
5	EFFL	0850	8/25		X			1	X							X	
6	EFFL	0850	8/25		X			1		X					X		
7	TRIP BLANK	0850	8/25		X			3				X					HOLD
8																	
9																	
10																	

Sampler's Name:	George Bradshaw	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	URS Corp.		8/26/05	1130		8/26/05	1130
Shipment Date:	8/25/05						
Shipment Method:	Spec - STL		8/26/05	1050	STL-SF	8/26/05	1050
Shipment Tracking No:		STL-SF	8/26/05	1535		8/26/05	15:35

Special Instructions:

Custody Seals In Place Yes No X 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

BP COC Rev. 4 10/1/04

Sequoia
Analytical

885 Jarvis Drive
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FAX (408) 782-6308
www.sequoialabs.com

8 September, 2005

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MOH1421

Enclosed are the results of analyses for samples received by the laboratory on 08/29/05 12:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kekobad

Jamshid Kekobad
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

1885 Jarvis Drive
Morgan Hill, CA 95037
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FAX (408) 782-6308
www.sequoialabs.com

URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOH1421
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/08/05 13:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFFL	MOH1421-01	Water	08/25/05 08:50	08/29/05 12:05

Sequoia Analytical

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOH1421
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/08/05 13:03

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MOH1421-01) Water	**Sampled: 08/25/05 08:50**	**Received: 08/29/05 12:05**							
Chemical Oxygen Demand	ND	30	mg/l	1	5I02037	09/02/05	09/02/05	EPA 410.4	

Sequoia Analytical

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOH1421
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/08/05 13:03

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 5I02037 - General Preparation / EPA 410.4										
Blank (5I02037-BLK1)				Prepared & Analyzed: 09/02/05						
Chemical Oxygen Demand	ND	30	mg/l							
Laboratory Control Sample (5I02037-BS1)				Prepared & Analyzed: 09/02/05						
Chemical Oxygen Demand	133	33	mg/l	111		120	75-120			
Matrix Spike (5I02037-MS1)	**Source: MOH1421-01**			Prepared & Analyzed: 09/02/05						
Chemical Oxygen Demand	122	33	mg/l	111	ND	110	75-120			
Matrix Spike Dup (5I02037-MSD1)	**Source: MOH1421-01**			Prepared & Analyzed: 09/02/05						
Chemical Oxygen Demand	130	33	mg/l	111	ND	117	75-120	6	15	

Sequoia Analytical

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOH1421
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	09/08/05 13:03

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

SEVERN TRENT **STL**

Chain of Custody

Date Shipped: 8/29/2005

2005-08-0806 - 2

MOH 1421

From:		To:	
STL San Francisco (CL) 1220 Quarry Lane Pleasanton, CA 94566-4756		Sequoia-Morgan Hill 885 Jarvis Drive Morgan Hill, CA 95037	
Project Manager: Phone: (925) 484-1919	Afsaneh Salimpour Ext: 107	Phone: (408) 776-9600 Fax: (408) 782-6308	Ext:
Fax: Email:	(925) 484-1096 asalimpour@stl-inc.com	Contact: Sample Receiving Phone: (408) 776-9600	Ext:

CL Submission #: 2005-08-0806
CL PO #:

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

Client Sample ID	Qty	Sampled	Matrix	TAT
EFFL	4	8/25/2005 8:50:00AM	Water	
EDF Field ID: EFFL				
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: [signature] Time: 1023	Signature: [signature] Time: 1203	Signature: Time:
Printed Name: Bryan Thomas Date: 8/29/05	Printed Name: [signature] Date: 8/26/05	Printed Name: Date:
Company: STL-SF	Company: STL-SF	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature: [signature] Time: 1025	Signature: [signature] Time: 12:15	Signature: Time:
Printed Name: STL-SF Date: 8/29/05	Printed Name: E. Burnett Date: 8/29/05	Printed Name: Date:
Company:	Company: SEQ-MH	Company:

96948 Page 1 of 1

Chain of Custody Record

On-site Time:	0850 Temp: 68
Off-site Time:	Temp:
Sky Conditions:	Over Cast
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): 9/8/05
(14- day TAT)

2005-08-0806

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	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 Comments
																	TEMP BLK
1	INF	0845	8/25		X			3				X		X			
2	MID-1	0900	8/25		X			3				X		X			
3	MID-2	1855	8/25		X			3				X		X			
4	EFFL	0850	8/25		X			3				X		X			
5	EFFL	0850	8/25		X			1	X							X	
6	EFFL	0850	8/25		X			1		X					X		
7	TRIP BLANK	0850	8/25		X			3				X					HOLD
8																	
9																	
10																	

Sampler's Name:	George Bradshaw	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	URS Corp.		8/26/05	1130		8/26/05	1130
Shipment Date:	8/25/05						
Shipment Method:	Spec - STL		8/26/05	1050	STL-SF	8/26/05	1050
Shipment Tracking No:		STL-SF	8/26/05	1535		8/26/05	15:35

Special Instructions:

Custody Seals In Place Yes No X 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

BP COC Rev. 4 10/1/04

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: STL 1425
REC. BY (PRINT): EB
WORKORDER: 461/1421

DATE REC'D AT LAB: 8/29/05
TIME REC'D AT LAB: 11:05
DATE LOGGED IN: 8-31-05

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*	01	X	EFFL	1/2 gl	H_2SO_4	-	L	8/29/05	
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: 4.9 °C; Corrected Temp: 4.8 °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									

8-29-05 11:05

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

Sequoia
Analytical

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Morgan Hill, CA 95037
(408) 776-9600
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3 October, 2005

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MOI0846

Enclosed are the results of analyses for samples received by the laboratory on 09/26/05 15:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kekobad

Jamshid Kekobad
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

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0846
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	10/03/05 11:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFFL	MOI0846-01	Water	09/20/05 12:30	09/26/05 15:05

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.

Sequoia Analytical

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Morgan Hill, CA 95037
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www.sequoialabs.com

URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0846
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	10/03/05 11:19

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MOI0846-01) Water	**Sampled: 09/20/05 12:30**	**Received: 09/26/05 15:05**							
Chemical Oxygen Demand	ND	30	mg/l	1	5I30037	09/30/05	09/30/05	EPA 410.4	

Sequoia Analytical

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www.sequoialabs.com

URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0846
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	10/03/05 11:19

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 5I30037 - General Preparation / EPA 410.4										
Blank (5I30037-BLK1)				Prepared & Analyzed: 09/30/05						
Chemical Oxygen Demand	ND	30	mg/l							
Laboratory Control Sample (5I30037-BS1)				Prepared & Analyzed: 09/30/05						
Chemical Oxygen Demand	101	33	mg/l	111		91	75-120			
Matrix Spike (5I30037-MS1)	**Source: MOI0846-01**			Prepared & Analyzed: 09/30/05						
Chemical Oxygen Demand	122	33	mg/l	111	ND	110	75-120			
Matrix Spike Dup (5I30037-MSD1)	**Source: MOI0846-01**			Prepared & Analyzed: 09/30/05						
Chemical Oxygen Demand	110	33	mg/l	111	ND	99	75-120	10	15	

Sequoia Analytical

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FAX (408) 782-6308
www.sequoialabs.com

URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MOI0846
1333 Broadway, Suite 800	Project Number:G0C24-0005	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	10/03/05 11:19

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

M010846

SEVERN TRENT **STL**

Date Shipped: 9/23/2005

Chain of Custody

2005-09-0593 - 2

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:

Sequoia-Morgan Hill
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: (408) 776-9600 Ext:
Fax: (408) 782-6308

Contact: Sample Receiving
Phone: (408) 776-9600 Ext:

CL Submission #: 2005-09-0593
CL PO #:

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

Client Sample ID / Analysis	# Cont	Sampled	Matrix / Method	TAT
EFFL	4	9/20/2005 12:30:00PM	Water	
EDF Field ID: EFFL				
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: Joan Mullen Time: 10:00	Signature: [signature] Time: 501	Signature Time
Printed Name: Joan Mullen Date: 9-26-05	Printed Name: B Mora Date: 9/26/05	Printed Name Date
Company: STLSF	Company: STL SF	Company

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature: [signature] Time: 10:00	Signature: Janny Tran Time: 5:05	Signature Time
Printed Name: B Mora Date: 9/26/05	Printed Name: JANNY TRAN Date: 9/26/05	Printed Name Date
Company: STL SF	Company: Sequoia	Company

2005-09-0593

99819

Chain of Custody Record

Page 1 of 1

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): 10/4/05
(14- day TAT)

On-site Time:	1200	Temp:	69
Off-site Time:	1330	Temp:	70
Sky Conditions:	Cloudy		
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	Site Lat/Long:	37.673888 / -122.123		Oakland CA 94612
Lab PM:	Afsaneh Salimpour	California Global ID No.:	T000100085	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 Comments
1	INF	1245	9/20		X			3				X		X			
2	MID-1	1240	9/20		X			3				X		X			
3	MID-2	1235	9/20		X			3				X		X			
4	EFFL	1230	9/20		X			3				X		X			
5	EFFL	1230	9/20		X			1	X							X	
6	EFFL	1230	9/20		X			1		X					X		
7	TRIP BLANK	1200	9/20		X			3				X					HOLD
8																	
9																	
10																	

Sampler's Name: George Bradshaw
Sampler's Company: URS Corpor
Shipment Date: 9/21/05
Shipment Method: SAC - STL
Shipment Tracking No:

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
[signature]	9/21/05	1445	[signature] STL-VAC	9/21/05	1445
[signature]	9/22/05	1200	[signature]	9-22-05	1200
[signature] 9-22-05		1500	[signature] STL-SF	9/22/05	1500

Special Instructions:

Custody Seals In Place Yes ___ No ___ Temp Blank Yes X No ___ Cooler Temperature on Receipt 2 °F/C (circled 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: STL San Francisco
REC. BY (PRINT): JT
WORKORDER: M020846

DATE REC'D AT LAB: 9/26/05
TIME REC'D AT LAB: 1505
DATE LOGGED IN: 9/27/05

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*			EFF1	500mL poly-1	H2SO4	-	W	9/20/05	
2. Chain-of-Custody	(Present) / Absent*									
3. Traffic Reports or Packing List:	Present / (Absent)									
4. Airbill:	Airbill / Sticker Present / (Absent)									
5. Airbill #:										
6. Sample Labels:	(Present) / Absent									
7. Sample IDs:	(Listed) / Not Listed on Chain-of-Custody									
8. Sample Condition:	(Intact) / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree?	(Yes) / No*									
10. Sample received within hold time?	(Yes) / No*									
11. Adequate sample volume received?	(Yes) / No*									
12. Proper preservatives used?	(Yes) / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes)	Yes / (No)*									
14. Read Temp: 5.9°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

9/26/05 JT

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

SEVERN TRENT STL

Submission#: 2005-09-0593

URS-Oakland, CA

October 05, 2005

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 09/22/2005 15:00
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 11/06/2005 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
Project Manager

SEVERN TRENT STL

Submission#: 2005-09-0593

URS-Oakland, CA

October 05, 2005

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 Thursday, September 22, 2005 3:00 PM.

Analysis Comments and Flags by QC Batch

Gas/BTEX Fuel Oxygenates by 8260B (for BP)	Water	QC Batch#: 200509242A64010

MW-2 >> MSD 200509242A64010

Compound Flag(s)

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

SEVERN TRENT STL

Submission: 2005-09-0593

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: 09/22/2005 15:00

Site: 17601 Hesperian Blvd., San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	09/20/2005 12:45	Water	1
MID-1	09/20/2005 12:40	Water	2
MID-2	09/20/2005 12:35	Water	3
EFFL	09/20/2005 12:30	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: 09/22/2005 15:00

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s):	5030B	Test(s):	8260B
Sample ID:	INF	Lab ID:	2005-09-0593 - 1
Sampled:	09/20/2005 12:45	Extracted:	9/24/2005 13:58
Matrix:	Water	QC Batch#:	2005/09/24-2A.64
pH: <2			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	09/24/2005 13:58	
Benzene	ND	0.50	ug/L	1.00	09/24/2005 13:58	
Toluene	ND	0.50	ug/L	1.00	09/24/2005 13:58	
Ethylbenzene	ND	0.50	ug/L	1.00	09/24/2005 13:58	
Total xylenes	ND	1.0	ug/L	1.00	09/24/2005 13:58	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	09/24/2005 13:58	
Methyl tert-butyl ether (MTBE)	8.2	0.50	ug/L	1.00	09/24/2005 13:58	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	09/24/2005 13:58	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	09/24/2005 13:58	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	09/24/2005 13:58	
Surrogate(s)						
1,2-Dichloroethane-d4	89.9	73-130	%	1.00	09/24/2005 13:58	
Toluene-d8	109.4	81-114	%	1.00	09/24/2005 13:58	

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: 09/22/2005 15:00

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MID-1**	Lab ID:	2005-09-0593 - 2
Sampled:	09/20/2005 12:40	Extracted:	9/24/2005 14:19
Matrix:	Water	QC Batch#:	2005/09/24-2A.64
pH: <2			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	09/24/2005 14:19	
Benzene	ND	0.50	ug/L	1.00	09/24/2005 14:19	
Toluene	ND	0.50	ug/L	1.00	09/24/2005 14:19	
Ethylbenzene	ND	0.50	ug/L	1.00	09/24/2005 14:19	
Total xylenes	ND	1.0	ug/L	1.00	09/24/2005 14:19	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	09/24/2005 14:19	
Methyl tert-butyl ether (MTBE)	2.5	0.50	ug/L	1.00	09/24/2005 14:19	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	09/24/2005 14:19	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	09/24/2005 14:19	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	09/24/2005 14:19	
Surrogate(s)						
1,2-Dichloroethane-d4	97.6	73-130	%	1.00	09/24/2005 14:19	
Toluene-d8	106.6	81-114	%	1.00	09/24/2005 14:19	

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: 09/22/2005 15:00

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MID-2**	Lab ID:	2005-09-0593 - 3
Sampled:	09/20/2005 12:35	Extracted:	9/24/2005 14:40
Matrix:	Water	QC Batch#:	2005/09/24-2A.64
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	09/24/2005 14:40	
Benzene	ND	0.50	ug/L	1.00	09/24/2005 14:40	
Toluene	ND	0.50	ug/L	1.00	09/24/2005 14:40	
Ethylbenzene	ND	0.50	ug/L	1.00	09/24/2005 14:40	
Total xylenes	ND	1.0	ug/L	1.00	09/24/2005 14:40	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	09/24/2005 14:40	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	09/24/2005 14:40	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	09/24/2005 14:40	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	09/24/2005 14:40	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	09/24/2005 14:40	
Surrogate(s)						
1,2-Dichloroethane-d4	97.2	73-130	%	1.00	09/24/2005 14:40	
Toluene-d8	105.6	81-114	%	1.00	09/24/2005 14:40	

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: 09/22/2005 15:00

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s): 5030B
Sample ID: **EFFL**
Sampled: 09/20/2005 12:30
Matrix: Water
pH: <2

Test(s): 8260B
Lab ID: 2005-09-0593 - 4
Extracted: 9/24/2005 15:01
QC Batch#: 2005/09/24-2A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	09/24/2005 15:01	
Benzene	ND	0.50	ug/L	1.00	09/24/2005 15:01	
Toluene	ND	0.50	ug/L	1.00	09/24/2005 15:01	
Ethylbenzene	ND	0.50	ug/L	1.00	09/24/2005 15:01	
Total xylenes	ND	1.0	ug/L	1.00	09/24/2005 15:01	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	09/24/2005 15:01	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	09/24/2005 15:01	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	09/24/2005 15:01	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	09/24/2005 15:01	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	09/24/2005 15:01	
Surrogate(s)						
1,2-Dichloroethane-d4	102.6	73-130	%	1.00	09/24/2005 15:01	
Toluene-d8	102.4	81-114	%	1.00	09/24/2005 15:01	

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: 09/22/2005 15:00

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/09/24-2A.64**

MB: 2005/09/24-2A.64-057 — Date Extracted: 09/24/2005 09:57

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	09/24/2005 09:57	
Benzene	ND	0.5	ug/L	09/24/2005 09:57	
Toluene	ND	0.5	ug/L	09/24/2005 09:57	
Ethylbenzene	ND	0.5	ug/L	09/24/2005 09:57	
Total xylenes	ND	1.0	ug/L	09/24/2005 09:57	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	09/24/2005 09:57	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	09/24/2005 09:57	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	09/24/2005 09:57	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	09/24/2005 09:57	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	09/24/2005 09:57	
Surrogates(s)					
1,2-Dichloroethane-d4	95.0	73-130	%	09/24/2005 09:57	
Toluene-d8	107.2	81-114	%	09/24/2005 09:57	

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: 09/22/2005 15:00

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/09/24-2A.64**

LCS 2005/09/24-2A.64-036 Extracted: 09/24/2005 Analyzed: 09/24/2005 09:36
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.6		25	90.4			65-165	20		
Benzene	25.2		25	100.8			69-129	20		
Toluene	24.8		25	99.2			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	459		500	91.8			73-130			
Toluene-d8	543		500	108.6			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
608

Received: 09/22/2005 15:00

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/09/24-2A.64**

MS/MSD

Lab ID: 2005-09-0445 - 007

MS: 2005/09/24-2A.64-049 Extracted: 09/24/2005 Analyzed: 09/24/2005 10:49

Dilution: 2.00

MSD: 2005/09/24-2A.64-010 Extracted: 09/24/2005 Analyzed: 09/24/2005 11:10

Dilution: 2.00

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	44.5	55.3	ND	50	89.0	110.6	21.6	65-165	20		RB
Benzene	52.6	58.3	ND	50	105.2	116.6	10.3	69-129	20		
Toluene	53.3	60.5	1.29	50	104.0	118.4	12.9	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	474	480		500	94.8	96.0		73-130			
Toluene-d8	544	526		500	108.8	105.2		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: 09/22/2005 15:00

Site: 17601 Hesperian Blvd., San Lorenzo

Legend and Notes

Result Flag

-

RB

RPD exceeded method control limit; % recoveries within limits.

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

October 4, 2005

STL LOT NUMBER: **E5I260169**

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

Dear Ms. Salimpour,

This report contains the analytical results for the sample received under chain of custody by STL Los Angeles on September 24, 2005. This sample is associated with your Submission No. 2005-09-0563.

The preliminary results were sent via facsimile on September 29, 2005.

STL Los Angeles certifies that the test results provided in this report meet all the requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of the report. NELAP Certification Number is 01118CA / E87652.

This report contains 000016 pages.

SEVERN TRENT STL

CASE NARRATIVE

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. Any matrix related anomalies are footnoted within the report.

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

Sincerely,

Jesse Bacwaden
Project Manager

CC: Project File

SEVERN TRENT STL

Date Shipped: 9/23/2005

Chain of Custody

E5I260169 2005-09-0593 - 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 #: 2005-09-0593
CL PO #:

Project #: 38487015
Project Name: 608
EDF Global ID: T0000100085

Client Sample ID / Analysis	# of Containers	Sampled	Matrix / Method	TAT
EFFL	4	9/20/2005 12:30:00PM	Water	
EDF Field ID: EFFL				
Total Suspended Solids			160.2	5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature: [signature] Time: 1530	Signature: Time:	Signature: Time:
Printed Name: Bryan Thomas Date: 9/23/05	Printed Name: Date:	Printed Name: Date:
Company: STL-SF	Company:	Company:

RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature: [signature] Time: 16:30	Signature: Time:	Signature: Time:
Printed Name: [signature] Date: 9-24-05	Printed Name: Date:	Printed Name: Date:
Company:	Company:	Company:

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 9-24-05

LIMS Lot #: ESI260169 Quote #: 60113

Client Name: STL SF Project: 608

Received by: MP Date/Time Received: 9-24-05 / 10:30

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

	Initial / Date
Custody Seal Status Cooler: ☒ Intact ☐ Broken ☐ None	MP 9-24-05
Custody Seal Status Samples: ☐ Intact ☐ Broken ☒ None	
Custody Seal #(s): 450283 ☐ No Seal #	
Sampler Signature on COC ☐ Yes ☐ No ☒ N/A	
IR Gun # A Correction Factor -.4 °C IR passed daily verification ☒ Yes ☐ No	
Temperature - BLANK 2.4 °C +/- .4 CF = 2.0 °C	
Temperature – COOLER (___ °C ___ °C ___ °C ___ °C) = ___ avg °C +/- ___ CF = ___ °C	
Samples outside temperature criteria but received within 6 hours of final sampling ☐ Yes ☒ N/A	
Sample Container(s): ☐ STL-LA ☒ Client	
One COC/Multiple coolers: ☐ Yes- # coolers ___ All within temp criteria ☐ Yes ☐ No ☒ N/A	
One or more coolers with an anomaly: ☐ Yes – (fill out PRC for each) ☒ N/A	
Samples: ☒ Intact ☐ Broken ☐ Other	
pH measured: ☐ Yes ☐ Anomaly (if checked, notify lab and file NCM) ☒ N/A	
Anomalies: ☒ No ☐ Yes – complete CUR and Create NCM NCM #	
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒ Yes ☐ N/A	
Labeled by: CA Labeling checked	
Turn Around Time: ☐ RUSH–24HR ☐ RUSH–48HR ☐ RUSH–72HR ☒ NORMAL	
Short-Hold Notification: ☐ pH ☐ Wet Chem ☐ Metals (Filter/Pres) ☐ Encore ☐ >1/2 HT expired…	
Outside Analysis(es) (Test/Lab/Date Sent Out) : NA	
	MP 9-24-05

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

Headspace Anomaly ☒ N/A MP 9-24-05

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 # ESI260169

PROJECT RECEIPT CHECKLIST Cont'd

Fraction	1													
VOAH/ *														
25ml PB	1													

* VOA with headspace/bubbles < 6mm

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

☑ N/A 9-24-05

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

▪ CUSTODY SEALS (COOLER(S) CONTAINER(S)
- ☐ None ☐ None
- ☐ Not Intact ☐ Not Intact
- ☐ Other ☐ 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: Albert Vargas 9-26-05 **PM Review/Date:** C.E. 9-27-05

SEVERN TRENT STL

Analytical Report

ANALYTICAL REPORT

PROJECT NO. 2005-09-0593-1

NA T000100085

Lot #: E5I260169

Afsaneh Salimpour

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

Jesse Bacwaden
Project Manager

September 29, 2005

EXECUTIVE SUMMARY - Detection Highlights

E5I260169

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

METHODS SUMMARY

E5I260169

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Non-Filterable Residue (TSS)	MCAWW 160.2	MCAWW 160.2

References:

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

SAMPLE SUMMARY

ESI260169

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HLENK	001	EFFL	09/20/05	12:30

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

General Chemistry

Lot-Sample #...: E5I260169-001 **Work Order #...:** HLENK **Matrix.....:** W
Date Sampled...: 09/20/05 12:30 **Date Received..:** 09/24/05 10:30

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids	ND	10.0	mg/L	MCAWW 160.2	09/26/05	5269536

Dilution Factor: 1 Analysis Time..: 19:30 Analyst ID.....: 000064
Instrument ID..: W15 MS Run #.....:

SEVERN TRENT STL

QA/QC

QC DATA ASSOCIATION SUMMARY

E5I260169

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	W	MCAWW 160.2		5269536	

METHOD BLANK REPORT

General Chemistry

Client Lot #...: E5I260169 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		Work Order #: HLGD21AA		MB Lot-Sample #:	E5I260000-536	
	ND	10.0	mg/L	MCAWW 160.2	09/26/05	5269536
		Dilution Factor: 1				
		Analysis Time..: 19:30		Analyst ID.....: 000064	Instrument ID..: W1S	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: E5I260169 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		WO#:HLGD21AC-LCS/HLGD21AD-LCSD			LCS Lot-Sample#: E5I260000-536		
	94	(85 - 115)			MCAWW 160.2	09/26/05	5269536
	96	(85 - 115)	1.9	(0-20)	MCAWW 160.2	09/26/05	5269536

Dilution Factor: 1 Analysis Time..: 19:30 Analyst ID.....: 000064
Instrument ID..: W15

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: E5I260169 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Suspended Solids		WO#:HLGD21AC-LCS/HLGD21AD-LCSD				LCS Lot-Sample#: E5I260000-536		
	500	470	mg/L	94		MCAWW 160.2	09/26/05	5269536
	500	479	mg/L	96	1.9	MCAWW 160.2	09/26/05	5269536

Dilution Factor: 1 Analysis Time..: 19:30 Analyst ID.....: 000064

Instrument ID..: W15

NOTE(S):

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

2005-09-0593

998019

Page 1 of 1

Chain of Custody Record

On-site Time:	1200 Temp: 69
Off-site Time:	1330 Temp: 70
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): 10/4/05
(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	Site Lat/Long:	37.673888 / -122.123		Oakland CA 94612
Lab PM:	Afsaneh Salimpour	California Global ID No.:	T0000100085	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 Comments
1	INF	1245	9/20		X			3				X		X			
2	MID-1	1240	9/20		X			3				X		X			
3	MID-2	1235	9/20		X			3				X		X			
4	EFFL	1230	9/20		X			3				X		X			
5	EFFL	1230	9/20		X			1	X							X	
6	EFFL	1230	9/20		X			1		X					X		
7	TRIP BLANK	1200	9/20		X			3				X					HOLD
8																	
9																	
10																	

		Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name:	GEORGE BRADSHAW		9/20/05	1745		9/21/05	1445
Sampler's Company:	URS CORP					9-22-05	1200
Shipment Date:	9/21/05		9-22-05	1500	STL-SF	9/22/05	1500
Shipment Method:	SAC - STL						
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

BP COC Rev. 4 10/1/04