RO-255

URS

October 29, 2004

Mr. Robert Schultz
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Re: Third Quarter 2004 Groundwater Monitoring and Remediation System Performance Report
ARCO Service Station #0608
17601 Hesperian Boulevard
San Lorenzo, California
URS Project #38486707

Dear Mr. Schultz:

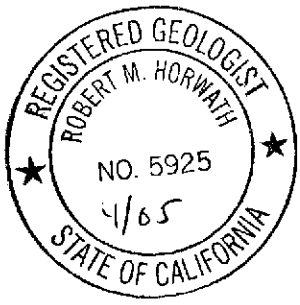
On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Third Quarter 2004 Groundwater Monitoring and Remediation System Performance Report* for ARCO Service Station #0608, located at 17601 Hesperian Boulevard, San Lorenzo, California.

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

Sincerely,
URS CORPORATION

Scott Robinson
Project Manager

Robert Horwath, R.G.
Portfolio Manager



Enclosure: Third Quarter 2004 Groundwater Monitoring and Remediation System Performance Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Mr. Ron Sykora/Mr. Robert L. Webster, David D. Bohannon Organization, 60 Hillsdale Mall, San Mateo, CA 94403
Mr. John Kaiser, Regional Water Quality Control Board - San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612

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

THIRD QUARTER 2004 GROUNDWATER MONITORING & REMEDIATION SYSTEM PERFORMANCE REPORT

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

Prepared for
RM

October 29, 2004

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

38486707

Date: October 29, 2004
Quarter: 3Q 04

QUARTERLY 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
Consultant Project No.:			38486707
Primary Agency:			Alameda County Environmental Health (ACEH)

WORK PERFORMED THIS QUARTER (Third – 2004):

1. Prepared and submitted second quarter 2004 groundwater monitoring and remediation system performance report.
2. Performed third quarter 2004 groundwater monitoring event on September 22, 2004
3. Continued operation, maintenance and performance monitoring of the groundwater extraction and treatment (GWET) system.
4. Continued monthly payments to homeowners for not using domestic irrigation wells.
5. Continued homeowner quarterly monitoring result notification program.
6. Submitted monthly discharge reports to Oro Loma Sanitary District.

WORK PROPOSED FOR NEXT QUARTER (Fourth – 2004):

1. Prepare and submit this third quarter 2004 groundwater monitoring and remediation system performance report.
2. Perform batch extractions on monitoring well MW-10.
3. Perform fourth quarter 2004 groundwater monitoring event.
4. Continue operation, maintenance and performance monitoring of GWET system.
5. Continue monthly payments to homeowners for not using domestic irrigation wells.
6. Continue homeowner quarterly monitoring result notification program.
7. Submit monthly discharge reports to Oro Loma Sanitary District.
8. Destroy homeowner domestic wells, if permissible.

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:	9.55 feet (MW-14) to 12.23 feet (MW-5); 18.46 (E-1A)

	feet extraction well while system pumping.		
Groundwater Gradient (direction):	West		
Groundwater Gradient (magnitude):	0.006 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 08/04/2005		
Gallons of Groundwater Treated and Discharge for this Quarter:	167,617		
Total Gallons of Groundwater Treated and Discharged to Date:	7,839,946		
Total Operation Hours to Date:	60,350		
Mass Removal (pounds):	Quarterly		Cumulative
GRO:	0.019		7.43
Benzene:	0.000		0.31
MTBE:	0.026		2.85
GWET System Samples Collection Dates and Effluent Results (µg/L):	07/22/04	08/26/04	09/16/04
GRO:	ND<50	ND<50	ND<50
Benzene:	ND<0.50	ND<0.50	ND<0.50
MTBE:	ND<0.50	ND<0.50	ND<0.50

DISCUSSION:

Gasoline range organics (GRO) were detected above laboratory reporting limits in two of the fifteen wells sampled this quarter at concentrations ranging from 84 µg/L (MW-8) to 560 µg/L (MW-10). Benzene was not detected above laboratory reporting limits in any of the wells sampled this quarter. Methyl-tert-butyl ether (MTBE) was detected above laboratory reporting limits in five wells at concentrations ranging from 15 µg/L (MW-5) to 87 µg/L (MW-10). Tert-Amyl methyl ether (TAME) was detected above the laboratory reporting limits in four wells at concentrations ranging from 0.98 µg/L (E-1A) to 18 µg/L (MW-25). Tert-butyl Alcohol was detected above laboratory reporting limits in one well at a concentration of 54 µg/L (MW-10).

Domestic irrigation well 17372VM was sampled this quarter. No dissolved hydrocarbons were detected above the laboratory reporting limits in this well. Domestic irrigation well 642H was not sampled because the pump would not turn on or the well is dry. A second attempt was made later but the owner would not allow access at that time..

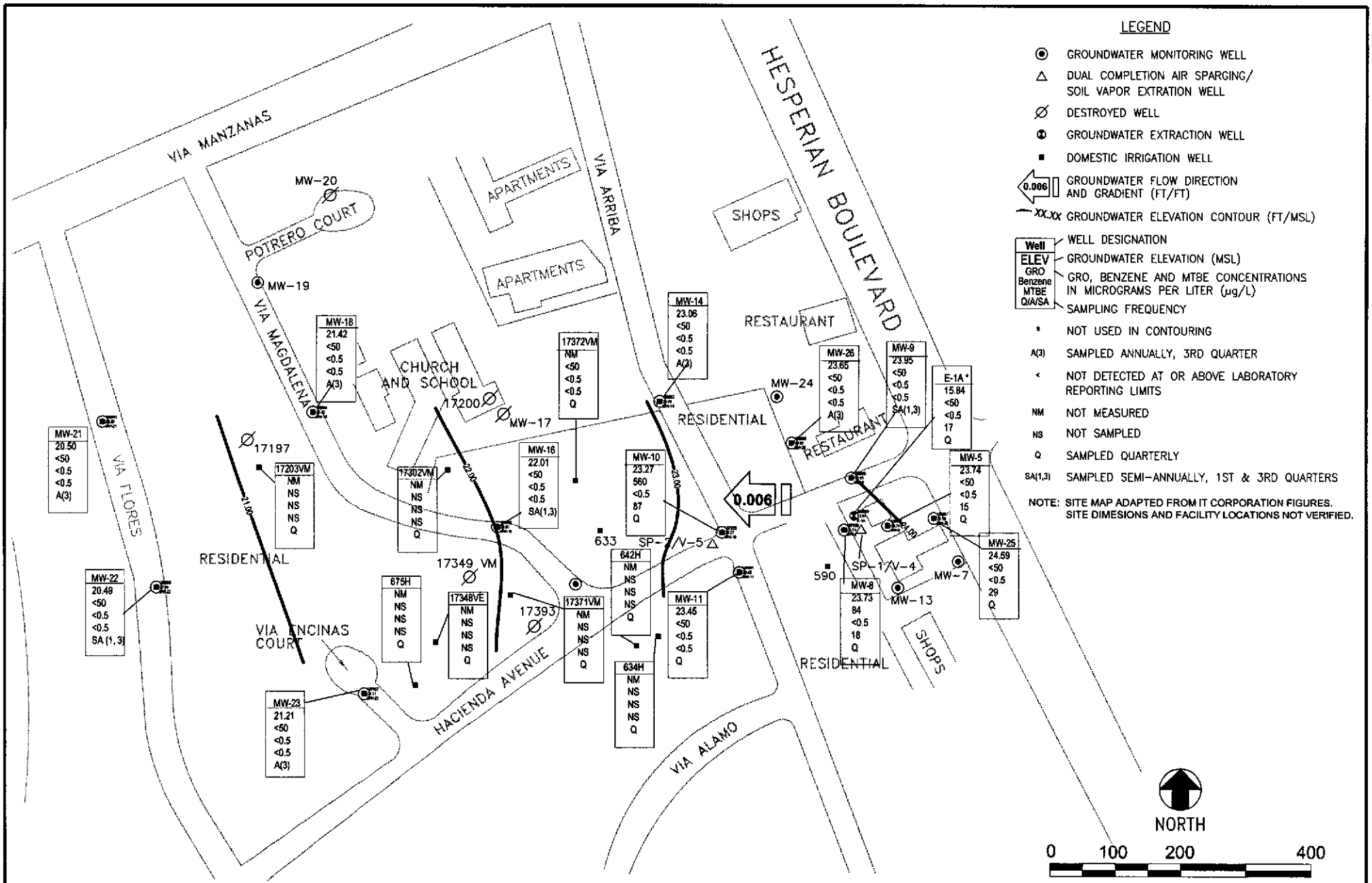
From June 16 to September 30, 2004, the system operated 85.5 percent of the time The majority of downtime was from September 16, 2004 through the end of September 2004 due to pump malfunction. The pump will be fixed on October 7, 2004. Otherwise, there was 99.4% uptime of the system. During this time period, a total of 167,617 gallons of groundwater were treated. Performance data and laboratory analytical data are listed in Tables 5 and 6.

During the fourth quarter, four batch extractions will be performed on monitoring well MW-10.

ATTACHMENTS:

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – September 22, 2004
- Figure 2 – Groundwater Extraction System Mass Removal Trend GRO/TPH-g and Benzene
- Figure 3 – Groundwater Extraction System Concentration Trend GRO/TPH-g and Benzene
- Figure 4 – Groundwater Extraction System Mass Removal Trend MTBE
- Figure 5 – Groundwater Extraction System Concentration Trend MTBE
- Table 1 – Groundwater Analytical Data
- Table 2 – Groundwater Flow Direction and Gradient
- Table 3 – Fuel Oxygenate Analytical 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

Oct 27, 2004 - 3:36pm
X:\x_env_waste\BP GEM \Sites\Scott Robinson \Paul Supple \0608\Monitoring \Qtr. 3, 2004 \Drawings \GWEC-AS_9-22-04.dwg



URS	Project No. 38486707 Arco Service Station #0608 17601 Hesperian Boulevard San Lorenzo, California	GROUNDWATER ELEVATION CONTOUR AND ANALYTICAL SUMMARY MAP Third Quarter 2004 (September 22, 2004)	FIGURE 1

Table 1

Groundwater Elevation and Analytical Data

ARCO Station #0608

17601 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Notes	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Product Thickness (feet)	GWE (feet)	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	--		--	--	--	--	--	--	66	0.50	<0.50	<0.50	<0.50	47/45	--	--
	9/20/2002	--	Well Destroyed	--	--	--	--	--	--	---	---	---	---	---	--	--	--
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**
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	**NP**	**o**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-1A	3/13/2002	--	a	33.06	--	--	21.75	--	11.31	200	<0.50	<0.50	<0.50	<0.50	310	--	--
	6/28/2002	--	b	33.06	--	--	11.22	--	21.84	260	<0.50	11	1.2	1.2	150	--	--
	9/20/2002	--		33.06	--	--	11.80	--	21.26	250	1.18	0.52	<0.5	<1.5	218	--	--
	12/30/2002	--	c, e	33.06	--	--	16.33	--	16.73	190	<1.2	<1.2	<1.2	<1.2	190	--	--
	3/27/2003	--	g	33.06	--	--	13.63	--	19.43	96	<0.50	<0.50	<0.50	<0.50	60	--	--
	6/30/2003	P	h	33.06	--	--	9.60	--	23.46	140	<0.50	<0.50	<0.50	<0.50	37	--	--
	9/15/2003	P	g	33.06	--	--	17.80	--	15.26	83	<0.50	<0.50	<0.50	<0.50	49	--	--
	12/04/2003	NP	g	33.06	--	--	18.73	--	14.33	<50	<0.50	<0.50	<0.50	<0.50	19	4.3	7.0

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E-1A	03/10/2004	NP	g, k	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**
MW-1	3/15/1996	--	Not sampled	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	k	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**
MW-8	3/13/2002	--		32.79	--	--	10.30	--	22.49	500	<2.5	<2.5	<2.5	<2.5	1,100	--	--
	6/28/2002	--	b	32.79	--	--	10.30	--	22.49	150	<0.50	2.9	0.54	1.5	130	--	--
	9/20/2002	--		32.79	--	--	10.84	--	21.95	<50	<0.50	<0.50	<0.50	<1.50	273	--	--
	12/30/2002	--		32.79	--	--	8.31	--	24.48	<50	<0.50	<0.50	<0.50	<0.50	5.5	--	--
	3/27/2003	--		32.79	--	--	9.85	--	22.94	63	<0.50	<0.50	<0.50	<0.50	33	--	--
	6/30/2003	--		32.79	--	--	10.20	--	22.59	<50	<0.50	<0.50	<0.50	<0.50	15	--	--
	9/15/2003	--		32.79	--	--	10.69	--	22.10	59	<0.50	<0.50	<0.50	<0.50	41	--	--
	12/04/2003	P		32.79	--	--	10.43	--	22.36	<50	<0.50	<0.50	<0.50	<0.50	24	1.0	7.0
	03/10/2004	P	k	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**
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	--	--

Table 1

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Well No.	Date	P/ NP	Notes	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-9	6/30/2003	--	i, q	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	k	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**
MW-10	3/13/2002	--		31.67	--	--	9.68	--	21.99	680	<5.0	<5.0	<5.0	<5.0	570	--	--
	6/28/2002	--	b	31.67	--	--	9.84	--	21.83	820	<2.0	<2.0	<2.0	<2.0	1,200	--	--
	9/20/2002	--		31.67	--	--	10.37	--	21.30	194	<0.50	<0.50	<0.50	<1.50	575	--	--
	12/30/2002	--		31.67	--	--	7.70	--	23.97	<50	<0.50	<0.50	<0.50	<0.50	490	--	--
	3/27/2003	--		31.67	--	--	9.33	--	22.34	530	<5.0	<5.0	<5.0	<5.0	330	--	--
	6/30/2003	--		31.67	--	--	9.75	--	21.92	<1,000	<10	<10	<10	<10	750	--	--
	9/15/2003	P		31.67	--	--	10.17	--	21.50	<500	<5.0	<5.0	<5.0	<5.0	430	--	--
	12/04/2003	P		31.67	--	--	9.95	--	21.72	<250	<2.5	<2.5	<2.5	<2.5	110	--	6.9
	03/10/2004	P	k	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**
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	k	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**
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	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Station #0608

17601 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Notes	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Product Thickness (feet)	GWE (feet)	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	3/27/2003	--		30.46	--	--	8.53	--	21.93	<50	<0.50	0.86	<0.50	<0.50	<0.50	--	--
	6/30/2003	--	q	30.46	--	--	9.05	--	21.41	--	--	--	--	--	--	--	--
	9/15/2003	--	q	30.46	--	--	9.47	--	20.99	--	--	--	--	--	--	--	--
	12/04/2003	--	q	30.46	--	--	9.20	--	21.26	--	--	--	--	--	--	--	--
	03/10/2004	--	k, 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**	**--**
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	k	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	**NP**	**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	--	k	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	k	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**
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	--	--	--	--	--	--	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Station #0608

17601 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Notes	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Product Thickness (feet)	GWE (feet)	GRO/ TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	DO (mg/L)	pH
MW-18	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	--	k, 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**
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	--	k, 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**
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	--	Not Sampled	29.29	--	--	10.49	--	18.80	--	--	--	--	--	--	--	--
	03/10/2004	P	k	31.43	--	--	9.24	--	22.19	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	6.6
	06/10/2004	--	Not Sampled	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**
MW-23	3/13/2002	--		30.99	--	--	11.01	--	19.98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--

Table 1

Groundwater Elevation and Analytical Data

ARCO Station #0608

17601 Hesperian Blvd., San Lorenzo, CA

Well No.	Date	P/ NP	Notes	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet)	Product Thickness (feet)	GWE (feet)	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-23	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	--	k, 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**
MW-25	3/13/2002	--		33.81	--	--	10.99	--	22.82	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
	6/28/2002	--		33.81	--	--	11.26	--	22.55	<50	<0.50	<0.50	<0.50	<0.50	36	--	--
	9/20/2002	--		33.81	--	--	11.65	--	22.16	117	<0.50	<0.50	<0.50	<1.50	259	--	--
	12/30/2002	--	d, f	33.81	--	--	9.33	--	24.48	95	13	<0.50	<0.50	<0.50	98	--	--
	3/27/2003	--		33.81	--	--	10.82	--	22.99	150	<0.50	<0.50	<0.50	<0.50	90	--	--
	6/30/2003	--		33.81	--	--	11.20	--	22.61	<500	<5.0	<5.0	<5.0	<5.0	130	--	--
	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	k	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**
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	--	k, 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**

Table 1

Groundwater Elevation and Analytical Data

ARCO Station #0608

17601 Hesperian Blvd., San Lorenzo, CA

ABBREVIATIONS:
GRO = Gasoline range organics (changed from C6-C10 carbon range to C4-C12 carbon range in 2Q 2004)
TPH-g = Total petroleum hydrocarbons as gasoline
MtBE = Methyl tertiary butyl ether
ug/L = Micrograms per liter
mg/L = Milligrams per liter
P = Purged
NP =Not Purged
MSL = Mean sea level
TOC = Top of casing
DO = Dissolved Oxygen reading, field measurement
pH = pH reading, field measurement
GWE = Groundwater elevation
DTW = Depth to water
ft bgs = feet below ground surface
< = Not detected at or above specified laboratory method detection limit

NOTES:
a = Well elevation data obtained from Quarterly Groundwater Monitoring and Site Status Report, Fourth Quarter 1994
b = Chromatogram Pattern: Unidentified Hydrocarbons C6-C10
c = Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
d = 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.
k = Site surveyed to NAVD'88 datum on March 2, 2004
l = MTBE confirmed by EPA Method 8260B (Method 8260B result in parentheses)
j = Well not accessible this quarter.
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

Site surveyed to NAVD'88 datum on March 2, 2004.

Values for DO and pH were obtained through field measurements

The data within this table collected prior to June 2002 was provided to URS by Atlantic Richfield Company and their previous consultants. URS has not verified the accuracy of this information.
Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. Total petroleum hydrocarbons as gasoline (TPHg) has been changed to gasoline range organics (GRO). The resulting data may be impacted by the potential of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported. Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.

Table 2

Fuel Additives Analytical Data

ARCO 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)	Comments
17372 VM	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	NA	NA	
	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**	
642 H	3/13/2002	<100	<20	--	<0.50	<0.50	<0.50	NA	NA	
	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	NA	NA	
	6/30/2003	<100	<20	--	<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	
	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	NA	NA	
	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**	
MW-5	3/27/2003	<100	24	59	<0.50	<0.50	2.2	NA	NA	
	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	NA	NA	
	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**	
MW-8	3/27/2003	<100	<20	33	<0.50	<0.50	0.53	NA	NA	
	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	NA	NA	
	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**	

Table 2

Fuel Additives Analytical Data

ARCO 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)	Comments
MW-9	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	NA	NA	
	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**	
MW-10	3/27/2003	<1,000	<200	330	<5.0	<5.0	15	NA	NA	
	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**	
MW-11	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	NA	NA	
	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	
	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**	
MW-14	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	NA	NA	
	09/22/2004	**<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	NA	NA	
	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	
MW-16	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	NA	NA	
	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**	
MW-18	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	NA	NA	

Table 2

Fuel Additives Analytical Data

ARCO 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)	Comments
MW-18	**09/22/2004**	**<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	NA	NA	
	09/22/2004	**<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	NA	NA	
	9/15/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	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**	
MW-23	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	NA	NA	
	09/22/2004	**<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	NA	NA	
	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**	
MW-26	3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	NA	NA	
	09/22/2004	**<100**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	

Table 2

Fuel Additives Analytical Data

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

All fuel oxygenate compounds analyzed using EPA Method 8260B
Abbreviations:
TBA = tert-Butyl alcohol
MTBE = Methyl tert-butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tert butyl ether
TAME = tert-Amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
NA = Not analyzed
< = Not detected above laboratory reporting limits.
ug/L = micrograms per liter

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

Table 3

Groundwater Gradient Data

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

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
6/28/2002	West	0.003
9/20/2002	West	0.00196
12/30/2002	West	0.003
3/27/2003	West	0.002
6/30/2003	West-Southwest	0.001
9/15/2003	West	0.003
12/4/2003	West-Southwest	0.003
3/10/2004	West	0.003
6/10/2004	West	0.006
9/22/2004	**West**	**0.006**

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	X	X	Quarterly
MW-7	----------Removed from Program----------				
MW-8	X	X	X	X	Quarterly
MW-9	X		X		Semiannually (1st and 3rd Quarter)
MW-10	X	X	X	X	Quarterly
MW-11	X	X	X	X	Quarterly
E-1A	X	X	X	X	Quarterly
MW-13	----------Removed from Program----------				
MW-14			X		Annually (3rd Quarter)
MW-15	X	X	X	X	Quarterly
MW-16	X		X		Semiannually (1st and 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		X		Semiannually (1st and 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 Funtional, Well Not In Use----------				
642H	X	X	X	X	Quarterly
675H	----------Pump Not Funtional, Well Not In Use----------				
17197 VM	----------Destroyed----------				
17200 VM	----------Destroyed----------				
17203 VM	----------Pump Not Funtional, Well Not In Use----------				
17302 VM	----------Pump Not Funtional, Well Not In Use----------				
17348 VE	----------Pump Not Funtional, Well Not In Use----------				
17349 VM	----------Destroyed----------				
17371 VM	----------Pump Not Funtional, Well Not In Use----------				
17372 VM	X	X	X	X	Quarterly
17393 VM	----------Destroyed----------				

Notes:

1. Beginning first quarter 2003, samples analyzed for TPH-g, BTEX compounds, and MTBE by EPA Method 8260B. Fuel oxygenates were also added to the analyte list at this time.

2. Please note that beginning in the Fourth Quarter 2003, the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (TPH-g) has been changed to Gasoline Range Organics (GRO). The resulting data may be impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported.

Table 5

Groundwater Extraction System Performance Data

ARCO Service Station #0608

17601 Hesperian Boulevard at Hacienda Avenue

San Lorenzo, California

Influent Sample Date	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)	Primary MtBE Carbon Loading (%)
09/25/91	0	N/A	0	0	0.0	ND	N/A	0.00	N/A	0.000	0.00	N/A	N/A	N/A	0.0
09/26/91	N/A	N/A	1,144	1,144	N/A	38	0.00	0.00	4.8	0.000	0.00	N/A	N/A	N/A	0.0
10/22/91	26	95.9	12,844	11,700	7.6	ND	N/A	0.00	ND	0.000	0.00	N/A	N/A	N/A	0.0
11/22/91	77	93.1	52,532	39,688	13.0	ND	N/A	0.00	0.5	0.000	0.00	N/A	N/A	N/A	0.0
12/19/91	322	62.1	122,540	70,008	4.8	ND	N/A	0.00	ND	0.000	0.00	N/A	N/A	N/A	0.0
01/16/92	994	0.0	283,289	160,749	4.0	ND	N/A	0.00	ND	0.000	0.00	N/A	N/A	N/A	0.0
02/19/92	1,809	0.2	485,200	201,911	4.1	370	0.31	0.31	14.0	0.012	0.01	N/A	N/A	N/A	0.4
03/17/92	2,462	0.0	662,847	177,647	4.5	160	0.39	0.70	18.0	0.024	0.04	N/A	N/A	N/A	0.9
04/15/92	3,150	1.1	851,100	188,253	4.6	200	0.28	0.99	11.0	0.023	0.06	N/A	N/A	N/A	1.2
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	N/A	N/A	N/A	1.5
06/19/92	4,712	0.1	1,229,960	199,874	3.9	ND	N/A	1.17	ND	0.001	0.07	N/A	N/A	N/A	1.5
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	N/A	N/A	N/A	1.5
08/18/92	N/A	N/A	1,410,018	118,817	N/A	ND	N/A	1.19	ND	0.012	0.09	N/A	N/A	N/A	1.5
09/15/92	6,298	N/A	1,535,640	125,622	3.1	ND	N/A	1.19	ND	0.000	0.09	N/A	N/A	N/A	1.5
10/16/92	7,012	4.1	1,651,623	115,983	2.7	ND	N/A	1.19	ND	0.000	0.09	N/A	N/A	N/A	1.5
11/18/92	7,809	0.0	1,768,076	116,453	2.4	ND	N/A	1.19	ND	0.000	0.09	N/A	N/A	N/A	1.5
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	N/A	N/A	N/A	1.5
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	N/A	N/A	N/A	1.6
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	N/A	N/A	N/A	2.1
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	N/A	N/A	N/A	2.6
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	N/A	N/A	N/A	2.8
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	N/A	N/A	N/A	3.3
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	N/A	N/A	N/A	3.7
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	N/A	N/A	N/A	4.0
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	N/A	N/A	N/A	4.1
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	N/A	N/A	N/A	4.3
10/08/93	14,485	0.5	2,951,737	67,001	1.9	ND	0.02	3.43	ND	0.001	0.24	N/A	N/A	N/A	4.3
11/19/93	15,494	0.0	3,036,032	84,295	1.4	ND	0.00	3.43	ND	0.000	0.24	N/A	N/A	N/A	4.3
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	N/A	N/A	N/A	4.3
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	N/A	N/A	N/A	4.4
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	N/A	N/A	N/A	4.4
03/15/94	18,235	7.5	3,344,249	70,529	2.0	ND	0.00	3.51	ND	0.001	0.24	N/A	N/A	N/A	4.4
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	N/A	N/A	N/A	4.4
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	N/A	N/A	N/A	4.5
06/14/94	19,680	57.1	3,518,608 a	39,698	2.0	230	0.08	3.71	12.0	0.003	0.25	N/A	N/A	N/A	4.6

Table 5

Groundwater Extraction System Performance Data

ARCO Service Station #0608

17601 Hesperian Boulevard at Hacienda Avenue

San Lorenzo, California

Influent Sample Date	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)	Primary MtBE Carbon Loading (%)
07/14/94	20,145	35.4	3,574,408 b	55,800	2.0	270	0.12	3.83	6.9	0.004	0.26	N/A	N/A	N/A	4.8
08/17/94	20,920	5.0	51,260 c	91,580 c	2.0	ND	0.10	3.93	1.8	0.003	0.26	N/A	N/A	N/A	4.9
09/12/94	21,549	0.0	120,910	69,650	1.8	ND	0.00	3.93	ND	0.001	0.26	N/A	N/A	N/A	4.9
10/18/94	22,408	0.5	211,880	90,970	1.8	ND	0.00	3.93	ND	0.000	0.26	N/A	N/A	N/A	4.9
11/15/94	23,080	0.0	280,840	68,960	1.7	ND	0.00	3.93	0.7	0.000	0.26	N/A	N/A	N/A	4.9
12/05/94	23,489	14.8	325,830	44,990	1.8	470	0.09	4.02	32.0	0.006	0.27	N/A	N/A	N/A	5.0
01/04/95	24,205	0.6	408,740	82,910	1.9	ND	0.16	4.18	1.1	0.011	0.28	N/A	N/A	N/A	5.2
02/06/95	24,926	9.0	499,690	90,950	2.1	100	0.04	4.22	2.4	0.001	0.28	N/A	N/A	N/A	5.3
03/02/95	25,465	6.4	569,180	69,490	2.1	ND	0.03	4.25	ND	0.001	0.28	N/A	N/A	N/A	5.3
04/04/95	26,253	0.5	672,510	103,330	2.2	290	0.12	4.37	6.6	0.003	0.28	N/A	N/A	N/A	5.5
05/02/95	26,924	0.1	760,350	87,840	2.2	240	0.19	4.57	7.1	0.005	0.29	N/A	N/A	N/A	5.7
06/05/95	27,721	2.4	848,810	88,460	1.9	ND	0.09	4.65	ND	0.003	0.29	N/A	N/A	N/A	5.8 f
07/06/95	28,464	0.1	921,260	72,450	1.6	270	0.08	4.74	2.4	0.001	0.29	N/A	N/A	N/A	N/A g
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	N/A	N/A	N/A	N/A g
06/05/00 e	29,592	N/A	976,600	N/A	N/A	700	N/A	4.89	7.2	N/A	0.29	361.0	N/A	0.00	N/A g
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	0.0	0.01	N/A g
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	0.4	0.41	N/A g
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	0.2	0.57	N/A g
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	0.1	0.65	N/A g
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	0.0	0.69	N/A g
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	0.0	0.73	N/A g
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	0.1	0.79	N/A g
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	0.0	0.83	N/A g
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	0.1	0.88	N/A g
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	0.0	0.90	N/A g
03/24/01	35,088	18.7	1,741,170	42,310	2.3	NS †	0.07	6.20	NS †	0.000	0.31	NS †	0.0	0.93	N/A g
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	0.0	0.95	N/A g
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	0.0	0.98	N/A g
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	0.0	1.03	N/A g
07/05/01 h	36,469	80.1	1,897,180	17,470	2.3	100	0.01	6.31	ND	0.000	0.31	430.0	0.0	1.07	N/A g
08/14/01 h	36,822	63.3	1,928,510	31,330	1.5	290	0.05	6.36	2.2	0.000	0.31	870.0	0.2	1.24	N/A g
09/05/01	37,219	24.8	1,977,050	48,540	2.0	ND(100)	0.06	6.42	ND(1.0)	0.000	0.31	340.0	0.2	1.48	N/A g
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	0.1	1.61	N/A g
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	0.1	1.69	N/A g
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	0.0	1.74	N/A g
01/04/02	40,063	0.0	2,248,700	62,170	1.8	ND(50)	0.02	6.46	ND	0.000	0.31	140.0	0.1	1.80	N/A g
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	0.1	1.91	N/A g

Table 5

Groundwater Extraction System Performance Data

ARCO Service Station #0608

17601 Hesperian Boulevard at Hacienda Avenue

San Lorenzo, California

Influent Sample Date	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)	Primary MtBE Carbon Loading (%)
03/05/02	40,968	79.4	2,353,460	20,370	2.5	150	0.02	6.51	ND(1.2)	0.000	0.31	350.0	0.0	1.96	N/A g
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	0.2	2.20	N/A g
05/16/02	42,642	0.6	2,499,320	50,960	0.9	310	0.15	6.88	ND(1.0)	0.002	0.31	330.0	0.1	2.33	N/A g
05/31/02	42,832	47.2	2,503,380	4,060	0.4	NS	0.00	6.88	NS	0.000	0.31	NS	0.0	2.33	N/A g
08/19/02	44,925	I	2,520,289	16,909	0.1	NS	0.00	6.88	NS	0.000	0.31	NS	0.0	2.33	N/A g
10/03/02	44,956	I	2,520,582	293	0.2	NS	0.00	6.88	NS	0.000	0.31	NS	0.0	2.33	N/A g
10/07/02	44,956	I	2,522,394	1,812	N/A	160	0.00	6.89	ND(1.0)	0.000	0.31	130.0	0.0	2.33	N/A g
11/07/02	0	I	2,527,925	5,531	N/A	250	0.01	6.89	ND(1.0)	0.000	0.31	210.0	0.0	2.34	N/A g
12/05/02	479	28.7	2,528,113	188	0.0	220	0.00	6.89	ND(1.0)	0.000	0.31	110.0	0.0	2.34	N/A g
01/03/03	1,174	0.1	2,591,359	63,246	1.5	170	0.10	7.00	ND(1.0)	0.000	0.31	140.0	0.1	2.40	N/A g
02/13/03	2,156	0.2	2,692,710	101,351	1.7	ND(250)	0.07	7.07	ND(2.5)	0.000	0.31	66.0	0.1	2.49	N/A g
03/27/03	3,165	0.0	2,790,668	97,958	1.6	110	0.04	7.11	ND(0.50)	0.000	0.31	71.0	0.1	2.55	N/A g
04/24/03	4,172	0.0	2,865,050	74,382	1.2	120	0.07	7.19	ND(0.50)	0.000	0.31	56.0	0.0	2.59	N/A g
05/30/03	4,459	66.7	2,931,190	66,140	3.8	20	0.04	7.22	ND(5.0)	0.000	0.31	ND(50)	0.0	2.59	N/A g
06/19/03	4,940	0.0	2,971,985	40,795	1.4	160	0.03	7.25	ND(5.0)	0.000	0.31	46.0	0.0	2.59	N/A g
07/24/03	5,331	86.3	2,972,362	181,694	1.4	51	0.12	7.38	ND(0.50)	0.000	0.31	41.0	0.1	2.68	N/A g
08/28/03	6,165	0.8	3,040,900	68,538	1.4	ND(50)	0.01	7.39	ND(0.50)	0.000	0.31	30.0	0.0	2.70	N/A g
09/25/03	6,838	0.0	3,095,020	54,120	1.3	ND(50)	0.00	7.39	ND(0.50)	0.000	0.31	28.0	0.0	2.71	N/A g
10/23/03	7,512	0.0	3,149,200	177,215	1.1	ND(50)	0.00	7.39	ND(0.50)	0.000	0.31	28.0	0.0	2.75	N/A g
11/20/03	8,182	0.3	3,204,612	55,412	1.4	ND(50)	0.00	7.39	ND(0.50)	0.000	0.31	22.0	0.0	2.76	N/A g
12/18/03	8,851	1.1	3,264,487	30,531	1.5	52	0.01	7.40	ND(0.50)	0.000	0.31	27.0	0.0	2.77	N/A g
01/08/04	9,356	1.0	3,312,485	47,998	1.6	--	0.00	7.40	--	0.000	0.31	--	0.0	2.77	N/A g
01/22/04	9,690	0.7	3,344,994	32,509	1.6	ND(50)	0.00	7.40	ND(0.50)	0.000	0.31	27.0	0.0	2.77	N/A g
02/19/04	10,357	1.6	3,410,457	32,947	1.7	ND(50)	0.00	7.40	ND(0.50)	0.000	0.31	25.0	0.0	2.78	N/A g
03/18/04	11,030	0.0	3,480,800	70,343	1.7	ND(50)	0.00	7.40	ND(0.50)	0.000	0.31	27.0	0.0	2.80	N/A g

Table 5

Groundwater Extraction System Performance Data

ARCO Service Station #0608

17601 Hesperian Boulevard at Hacienda Avenue

San Lorenzo, California

Influent Sample Date	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)	Primary MtBE Carbon Loading (%)
04/07/04	11,509	0.2	3,524,179	43,379	1.5	ND(50)	0.00	7.40	ND(0.50)	0.000	0.31	25.0	0.0	2.81	N/A g
04/22/04	11,869	0.0	3,552,144	27,965	1.3	ND(50)	0.00	7.40	ND(0.50)	0.000	0.31	19.0	0.0	2.81	N/A g
05/19/04	12,522	0.0	3,607,015	54,871	1.4	ND(50)	0.00	7.40	ND(0.50)	0.000	0.31	19.0	0.0	2.82	N/A g
06/16/04	13,198	0.0	3,664,594	57,579	1.4	63	0.02	7.41	ND(0.50)	0.000	0.31	20.0	0.0	2.83	N/A g
07/22/04	**14,050**	**1.4**	**3,736,245**	**71,651**	**1.4**	**ND(50)**	**0.02**	**7.43**	**ND(0.50)**	**0.000**	**0.31**	**15.0**	**0.0**	**2.84**	**N/A g**
08/26/04	**14,890**	**0.0**	**3,803,030**	**66,785**	**1.3**	**ND(50)**	**0.00**	**7.43**	**ND(0.50)**	**0.000**	**0.31**	**23.0**	**0.0**	**2.85**	**N/A g**
09/16/04	**15,394**	**0.0**	**3,832,211**	**29,181**	**1.0**	**ND(50)**	**0.00**	**7.43**	**ND(0.50)**	**0.000**	**0.31**	**18.0**	**0.0**	**2.85**	**N/A g**
REPORTING PERIOD:				**06/16/04 to 09/16/04**											
TOTAL GALLONS EXTRACTED:				**7,828,361**											
PERIOD GALLONS EXTRACTED:				**167,617**											
TOTAL POUNDS REMOVED:								**7.43**			**0.31**			**2.85**	
TOTAL GALLONS REMOVED:								**1.22**			**0.04**			**0.46**	
AVERAGE PERIOD FLOW RATE (gpm):					**1.41**										
PERIOD PERCENT OPERATIONAL:					**99.4%**										
PERIOD POUNDS REMOVED:								**0.019**			**0.000**			**0.026**	
PERIOD GALLONS REMOVED:								**0.003**			**0.000**			**0.004**	

Table 6

Treatment System Analytical Data
Total Petroleum Hydrocarbons
(GRO/TPH-g and BTEX Compounds)

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	NS	NS	NS	NA	NA
10/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
11/22/91	ND<30	0.52	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
12/19/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
01/16/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
02/19/92	370	14	0.34	14	2.4	NS	NS	NS	NA	NA
03/17/92	160	18	0.32	0.56	1.6	NS	NS	NS	NA	NA
04/15/92	200	11	ND<0.3	7.3	0.77	NS	NS	NS	NA	NA
05/14/92	45	1.4	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
06/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
07/14/92	97	25	ND<0.5	8.5	ND<0.5	NS	NS	NS	NA	NA
08/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
09/15/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
10/16/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
12/17/92	96	7.7	13	0.56	9.7	NS	NS	NS	NA	NA
01/18/93	100	13	6.6	1.1	11	NS	NS	NS	NA	NA
02/22/93	480	36	29	4.9	96	NS	NS	NS	NA	NA
03/15/93	310	29	14	4.9	55	NS	NS	NS	NA	NA
04/09/93	140	11	2.8	2.6	17	NS	NS	NS	NA	NA
05/13/93	530	27	12	18	96	NS	NS	NS	NA	NA
06/04/93	170	5.2	1.6	2.5	23	NS	NS	NS	NA	NA
07/20/93	200	12	0.91	8.2	29	NS	NS	NS	NA	NA
08/16/93	150	4.9	0.63	2.9	15	NS	NS	NS	NA	NA
09/13/93	80	2.2	ND<0.5	ND<0.5	4.8	NS	NS	NS	NA	NA
10/08/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/19/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
12/21/93	73	3.5	ND<0.5	1.9	8.4	NS	NS	NS	NA	NA
01/18/94	60	3.1	ND<0.5	3.2	4.3	NS	NS	NS	NA	NA
02/17/94	ND<50	2.5	ND<0.5	2.1	3.1	NS	NS	NS	NA	NA
03/15/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
04/21/94	110	7.8	ND<1.0	9.6	ND<1.0	NS	NS	NS	NA	NA
05/13/94	230	8.3	ND<0.5	14	6	NS	NS	NS	NA	NA
06/14/94	230	12	ND<0.5	16	1.5	NS	NS	NS	NA	NA
07/14/94	270	6.9	ND<0.5	15	1.9	NS	NS	NS	NA	NA
08/18/94	ND<50	1.8	ND<0.5	1.5	ND<0.5	NS	NS	NS	NA	NA
09/12/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
10/18/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/05/94	ND<50	0.66	ND<0.5	2.6	ND<0.5	NS	NS	NS	NA	NA
12/05/94	470	32	0.59	29	6.2	NS	NS	NS	NA	NA
01/04/95	ND<50	1.1	ND<0.50	1.4	ND<0.50	NS	NS	NS	NA	NA
02/06/95	100	2.4	1.1	1.2	2.8	NS	NS	NS	NA	NA
03/02/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
04/04/95	290	6.6	ND<0.50	10	1.7	NS	NS	NS	NA	NA
05/02/95	240	7.1	ND<0.50	3.2	1.6	NS	NS	NS	NA	NA
06/05/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
07/06/95	270	2.4	ND<0.50	7.6	1	NS	NS	NS	NA	NA
08/21/95	230	1.8	ND<0.50	1.6	0.92	NS	NS	NS	NA	NA

Table 6
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(GRO/TPH-g and BTEX Compounds)

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.)										
06/05/00	700	7.24	ND<1.00	2.11	ND<1.00	361	NS	NS	NA	NA
07/08/00	133	5.09	0.598	ND<0.500	ND<0.500	272	NS	NS	NA	NA
08/10/00	144	2.8	ND<0.500	1.04	ND<0.500	126	NS	NS	NA	NA
09/08/00	261	2.74	0.826	0.626	ND<0.500	120	NS	NS	NA	NA
10/10/00	114	ND<0.500	1.68	0.843	ND<0.500	ND<2.50	NS	NS	NA	NA
11/07/00	128	ND<0.500	ND<0.500	ND<0.500	ND<0.500	98.6	NS	NS	NA	NA
12/05/00	167	0.775	ND<0.500	ND<0.500	ND<0.500	104	NS	NS	NA	NA
01/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	86.8	NS	NS	NA	NA
02/06/01	203	0.572	ND<0.500	0.513	ND<0.500	80.5	NS	NS	NA	NA
03/08/01	219	ND<0.500	6.16	1.21	0.682	81	NS	NS	NA	NA
04/18/01	74.5	ND<0.500	ND<0.500	ND<0.500	ND<0.500	97.5	NS	NS	NA	NA
05/04/01	63.3	ND<0.500	ND<0.500	ND<0.500	ND<0.500	93.2	NS	NS	NA	NA
06/09/01	64	ND<0.50	ND<0.50	ND<0.50	ND<0.50	71	NS	NS	NA	NA
07/05/01	100	ND<0.50	2.5	ND<0.50	ND<0.50	430	NS	NS	NA	NA
08/14/01	290	2.2	3.5	ND<1.0	ND<1.0	870	NS	NS	NA	NA
09/05/01	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	340	NS	NS	NA	NA
10/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	150	NS	NS	NA	NA
11/13/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	92	NS	NS	NA	NA
12/11/01	65	ND<0.50	0.58	ND<0.50	ND<0.50	83	NS	NS	NA	NA
01/04/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	NS	NS	NA	NA
02/05/02	100	ND<0.50	ND<0.50	ND<0.50	ND<0.50	190	NS	NS	NA	NA
03/05/02	150	ND<1.2	ND<1.2	ND<1.2	ND<1.2	350	NS	NS	NA	NA
04/08/02	400	9.6	ND<1.0	1.4	ND<1.0	260	NS	NS	NA	NA
05/16/02	310	ND<1.0	ND<1.0	ND<1.0	ND<1.0	330	NS	NS	NA	NA
10/07/02	160	4.1	ND<1.0	ND<1.0	ND<1.0	130	NS	NS	NA	NA
11/07/02	250	ND<0.50	10	0.7	0.77	210	NS	NS	NA	NA
12/05/02	220	ND<1.0	ND<1.0	ND<1.0	ND<1.0	110	NS	NS	NA	NA
01/03/03	170	ND<1.0	ND<1.0	ND<1.0	ND<1.0	140	NS	NS	NA	NA
2/13/03[1]	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	66	NS	NS	NA	NA
3/27/03[1]	110	ND<0.50	ND<0.50	ND<0.50	ND<0.50	71	NS	NS	NA	NA
4/24/03[1]	120	ND<0.50	ND<0.50	ND<0.50	ND<0.50	56	NS	NS	NA	NA
5/30/03[1]	20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<50	NS	NS	NA	NA
06/19/03	160	ND<0.50	ND<0.50	ND<0.50	ND<0.50	46	NS	NS	NA	NA
07/24/03	51	ND<0.50	ND<0.50	ND<0.50	ND<0.50	41 (47)[2]	NS	NS	NA	NA
08/28/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	30 (40)[2]	NS	NS	NA	NA
09/25/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	28	NS	NS	NA	NA
10/23/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	28 (28)[2]	NS	NS	NA	NA
11/20/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	22	NS	NS	NA	NA
12/18/03	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	27	NS	NS	NA	NA
01/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	27	NS	NS	NA	NA
02/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	25	NS	NS	NA	NA
03/18/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	27	NS	NS	NA	NA
04/07/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	25	NS	NS	NA	NA
04/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	19	NS	NS	NA	NA
05/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	19	NS	NS	NA	NA
06/16/04	63	ND<0.50	ND<0.50	ND<0.50	ND<1.0	20	NS	NS	NA	NA
07/22/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**15**	**NS**	**NS**	**NA**	**NA**
08/26/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**23**	**NS**	**NS**	**NA**	**NA**
09/16/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**18**	**NS**	**NS**	**NA**	**NA**

Table 6
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(GRO/TPH-g and BTEX Compounds)

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	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
10/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
12/19/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
01/16/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
02/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
03/17/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
04/15/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
05/14/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
06/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
07/14/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
08/18/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
09/15/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
10/16/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
11/18/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
12/17/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
01/18/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
02/22/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
03/15/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
04/09/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
05/13/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
06/04/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
07/14/94	ND	ND	ND	ND	ND	NS	NS	NS	NA	NA
08/17/94	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
09/12/94	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
10/18/94	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
11/05/94	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
12/05/94	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
01/04/95	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
02/06/95	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
03/02/95	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
06/05/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
07/08/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
08/10/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<5.00	NS	NS	NA	NA
09/08/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA

Table 6

Treatment System Analytical Data
Total Petroleum Hydrocarbons
(GRO/TPH-g and BTEX Compounds)

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.)										
10/10/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
11/07/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
12/05/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
01/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
02/06/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
03/08/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
04/18/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
05/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
06/09/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
07/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
08/14/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
09/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
10/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
11/13/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.3	NS	NS	NA	NA
12/11/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.7	NS	NS	NA	NA
01/04/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9	NS	NS	NA	NA
02/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	26	NS	NS	NA	NA
03/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17	NS	NS	NA	NA
04/08/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	39	NS	NS	NA	NA
05/16/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	58	NS	NS	NA	NA
10/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	55	NS	NS	NA	NA
11/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	100	NS	NS	NA	NA
12/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	51	NS	NS	NA	NA
01/03/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	66	NS	NS	NA	NA
2/13/03[1]	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	130	NS	NS	NA	NA
3/27/03[1]	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	120	NS	NS	NA	NA
4/24/03[1]	280	ND<2.5	ND<2.5	ND<2.5	ND<2.5	110	NS	NS	NA	NA
5/30/03[1]	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	140	NS	NS	NA	NA
06/19/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	NS	NS	NA	NA
07/24/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
08/28/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
09/25/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
10/23/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5 (1.3)[2]	NS	NS	NA	NA
11/20/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.1	NS	NS	NA	NA
12/18/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.2	NS	NS	NA	NA
01/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.3	NS	NS	NA	NA
02/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.2	NS	NS	NA	NA
03/18/04	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.4	NS	NS	NA	NA
04/07/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.5	NS	NS	NA	NA
04/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.3	NS	NS	NA	NA
05/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.0	NS	NS	NA	NA
06/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.8	NS	NS	NA	NA
07/22/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**1.6**	**NS**	**NS**	**NA**	**NA**
08/26/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**2.2**	**NS**	**NS**	**NA**	**NA**
09/16/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**2.1**	**NS**	**NS**	**NA**	**NA**

Table 6
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(GRO/TPH-g and BTEX Compounds)

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	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
07/08/00	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
09/08/00	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
10/10/00	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
11/07/00	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
12/05/00	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
01/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
02/06/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
03/08/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
04/18/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
05/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
06/09/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
07/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
08/14/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
09/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
10/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
11/13/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
12/11/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
01/04/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
02/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
03/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
04/08/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.7	NS	NS	NA	NA
05/16/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
10/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
11/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
12/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
01/03/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
2/13/03[1]	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1	NS	NS	NA	NA
3/27/03[1]	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.94	NS	NS	NA	NA
4/24/03[1]	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.95	NS	NS	NA	NA
5/30/03[1]	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.1	NS	NS	NA	NA
06/19/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
07/24/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
08/28/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
09/25/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
10/23/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5 (<0.5)[2]	NS	NS	NA	NA
11/20/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
12/18/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
01/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
02/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
03/18/04	86	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
04/07/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
04/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
05/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
06/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
07/22/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**ND<0.50**	**NS**	**NS**	**NA**	**NA**
08/26/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**ND<0.50**	**NS**	**NS**	**NA**	**NA**
09/16/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**ND<0.50**	**NS**	**NS**	**NA**	**NA**

Table 6
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(GRO/TPH-g and BTEX Compounds)

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)										
09/26/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
10/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
11/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
12/19/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
01/16/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
02/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
03/17/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
04/15/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
05/14/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
06/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
07/14/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
08/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
09/15/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
10/16/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
12/17/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
01/18/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
02/22/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
03/15/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
04/09/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
05/13/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
06/04/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
07/20/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
08/16/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
09/13/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
10/08/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/19/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
12/21/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
01/18/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
02/17/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
03/15/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
04/21/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
05/13/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
06/14/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
07/14/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
08/17/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA

Table 6
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(GRO/TPH-g and BTEX Compounds)

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.)										
09/12/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
10/18/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/05/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
12/05/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
01/04/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
02/06/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
03/02/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
04/04/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
05/02/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
06/05/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
07/06/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
08/21/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
06/05/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	7.19	NA
06/12/00	ND<50.0	NS	NS	NS	NS	NS	NS	NS	NA	NA
07/08/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	32.1	ND<10.0	7.08	NA
08/10/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<5.00	23.4	ND<10.0	6.67	NA
09/08/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	29.2	ND<10.0	6.82	NA
10/10/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	ND<10.0	7.25	NA
11/07/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	ND<10.0	7.24	NA
12/05/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	44	ND<10.0	7.48	NA
01/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	ND<10.0	7.00	NA
02/06/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	10.7	7.03	NA
03/08/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	ND<10.0	7.04	NA
04/18/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	28.5	ND<10.0	7.06	NA
05/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	ND<10.0	7.31	NA
06/09/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	34	ND<10	7.05	NA
07/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	7.10	NA
08/14/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	14	7.09	NA
09/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	70	ND<10	7.07	NA
10/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	55	ND<10	6.89	NA
11/13/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	150	ND<10	6.98	NA
12/11/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	34	ND<10	7.01	NA
01/04/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	52	ND<10	7.22	NA
02/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	6.91	NA
03/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	6.77	NA
04/08/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	6.52	NA
05/16/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	6.60	NA
10/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
11/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	0.74	ND<2.5	ND<30	ND<10	7.80	NA
12/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<30	ND<10	7.40	0.27
01/03/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<30	ND<10	7.50	NA
2/13/03[1]	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<30	ND<10	7.15	0.12
3/27/03[1]	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	32	ND<10	7.50	0.08
4/24/03[1]	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<30	ND<10	6.95	10.23
5/30/03[1]	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<30	ND<10	6.95	NA
06/19/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	7.02	9.75
07/24/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	7.07	3.00
08/28/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	7.03	2.12

Table 6

Treatment System Analytical Data
Total Petroleum Hydrocarbons
(GRO/TPH-g and BTEX Compounds)

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.)										
09/25/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	6.79	2.70
10/23/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5 (<0.5)[2]	ND<20	ND<10	6.82	3.45
11/20/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<30	ND<10	6.94	0.84
12/18/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	ND<10	7.01	0.94
01/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	ND<10	7.12	0.85
02/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	10	6.57	3.82
03/18/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	ND<10	7.08	0.97
04/07/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
04/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	27	ND<10	6.69	1.64
05/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	20	13	6.50	1.40
06/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	ND<10	6.79	0.75
07/22/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**ND<0.50**	**ND<20**	**ND<10**	**6.81**	**1.09**
08/26/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**ND<0.50**	**ND<30**	**19**	**7.20**	**1.20**
09/16/04	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<1.0**	**ND<0.50**	**ND<30**	**ND<10**	**7.20**	**1.20**

Abbreviations:

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

Notes:

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

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 Group Environmental Management Company and their previous consultants. URS has not verified the accuracy of this information.

Beginning in the Fourth Quarter 2003, the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (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 re in higher concentrations being reported.

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

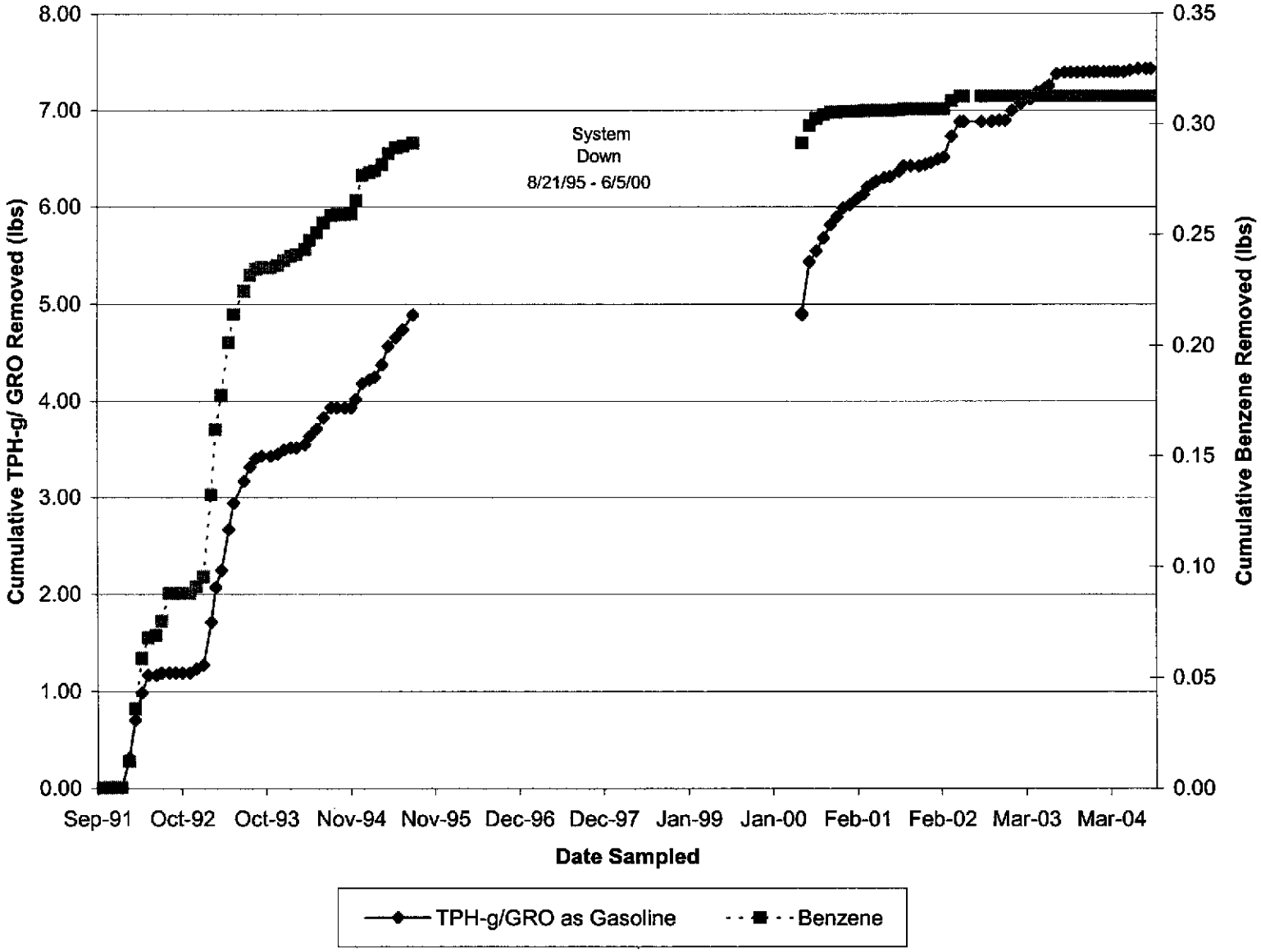


Figure 3
Groundwater Extraction System Concentration Trend
TPH-g/ GRO and Benzene

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

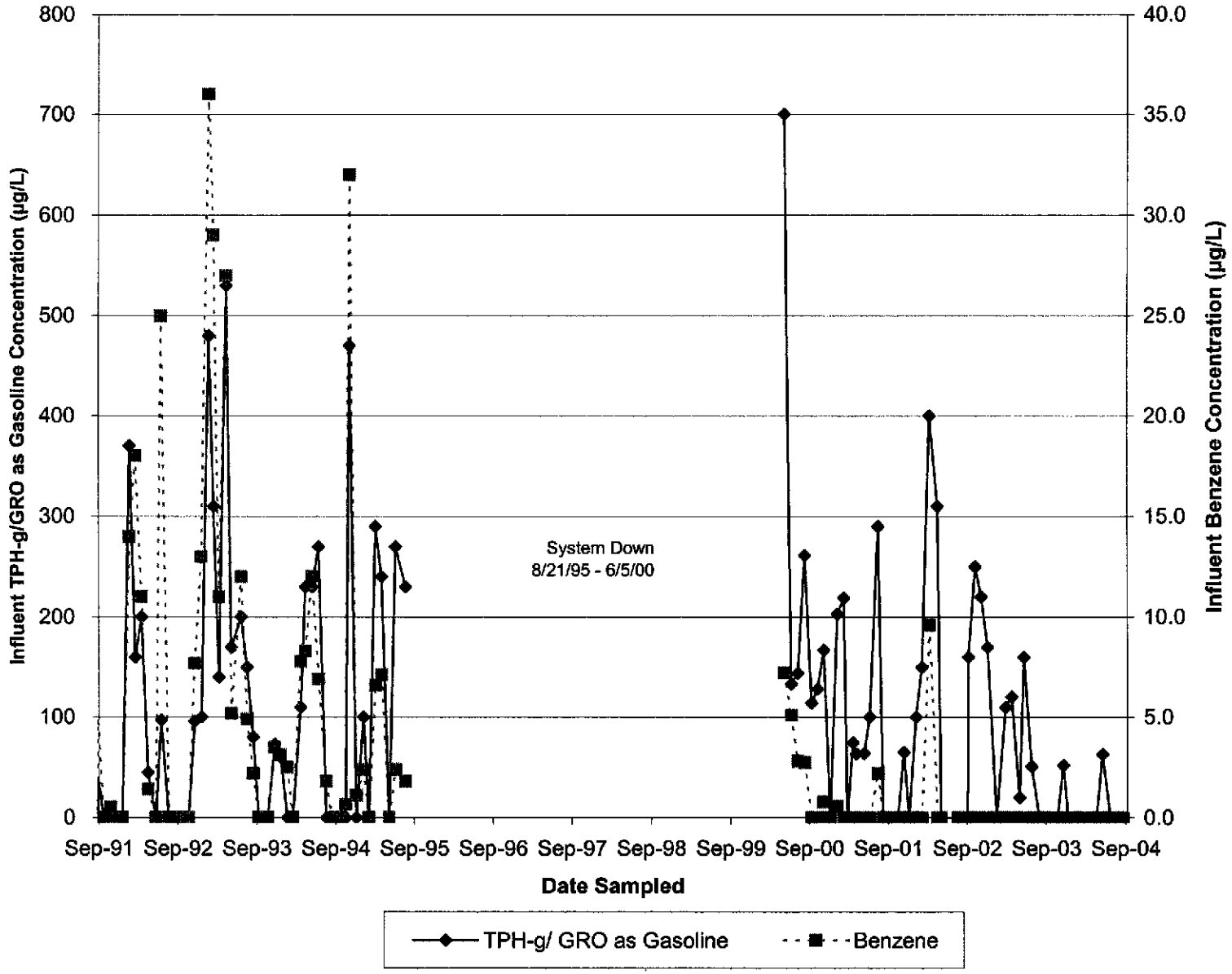


Figure 4
Groundwater Extraction System Mass Removal Trend
MtBE

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

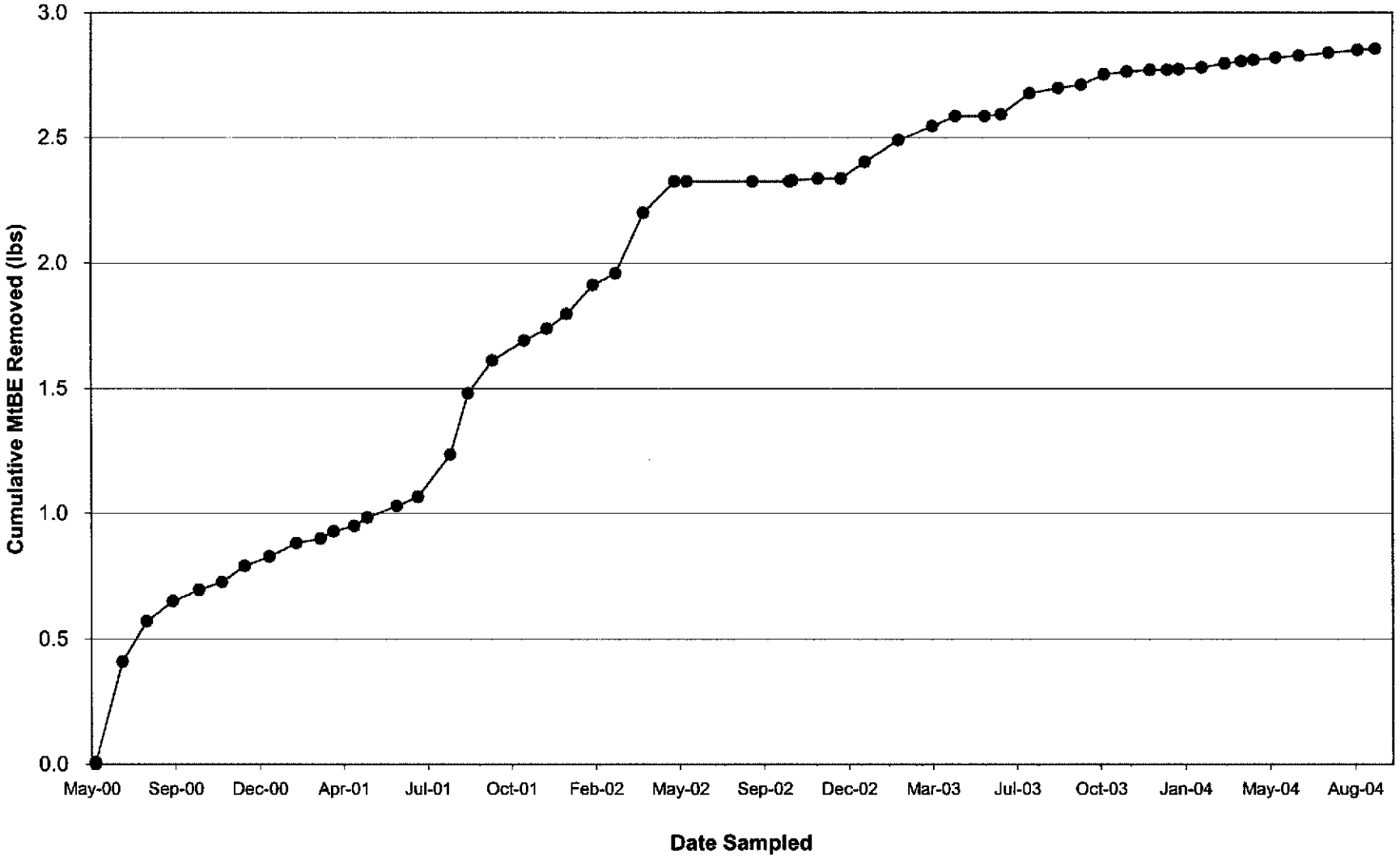
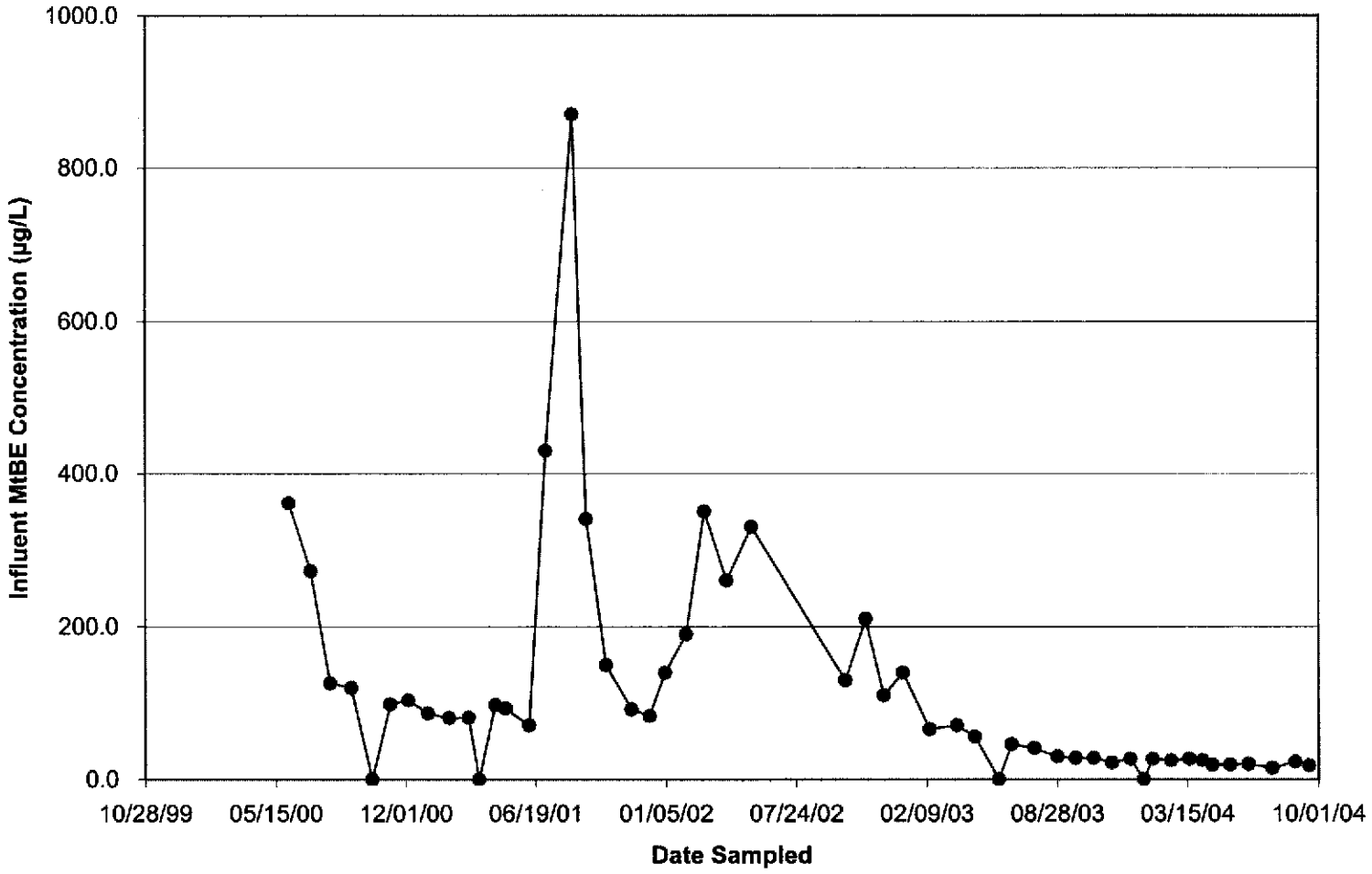


Figure 5
Groundwater Extraction System Concentration Trend
MtBE

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



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 # 040922-SS1 Date 9/23/04 Client ARCO 0608

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					12.23	13.60		
MW-8	3					10.74	20.90		
MW-9	3					10.05	18.20		
MW-10	3					10.23	22.40		
MW-11	3					11.10	18.80		
E-1A (MW-12)	6					18.46	—		ext.
MW-14	3					9.55	23.05		
MW-15	3	WELL BLOCKED OVER ALL DAY				—	—		
MW-16	3					11.40	23.10		
MW-18	3					10.45	21.50		
MW-21	3					10.17	21.30		
MW-22	3					10.94	21.47		
MW-23	3					11.95	21.67		
MW-25	2					11.74	18.50		
MW-26	2					12.05	19.55		
642-H	—	NO GAUGING port				—	—		ext.
17372VM	—	NO port for gauging.				—	—		ext.

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040922-SS1	Station # 0608
Sampler: SOCMA	Date: 9/22/04
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 13.60	Depth to Water: 12.23
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.

0.9 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 2.7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1433	72.3	6.8	849	0.9	MED GY
1434	72.2	6.8	852	1.8	"
1435	72.1	6.8	847	2.7	"

Did well dewater? Yes (No) Gallons actually evacuated: 2.7

Sampling Time: 1438 Sampling Date: 9/23/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S; EDB; 1,2-DCA + ETHANOL PM 8260

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 #: 040922-SS1	Station # 0608
Sampler: GOOCH	Date: 9/22/04
Well I.D.: MW-8	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 20.90	Depth to Water: 10.79
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.

3.8 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 11.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1419	74.3	7.0	871	3.8	CLEAR
1420	73.6	7.0	867	7.6	"
1421	73.6	6.9	863	11.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 11.5

Sampling Time: 1425 Sampling Date: 9/22/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S, EDB, 1,2-DCA + ETHANOL PACE 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	6.9 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040922-SS1	Station # 0608
Sampler: SOCMA	Date: 9/22/04
Well I.D.: MW-9	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 18.20	Depth to Water: 10.05
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.

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1257	73.0	7.0	870	3	cloudy
1258	72.2	7.0	868	6	CLEARING
1259	72.1	7.0	867	9	"

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

Sampling Time: 1302 Sampling Date: 9/22/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S; EDB; 1,2-DCA + ETHANOL PUL 8260

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 #: 040922-SS1	Station # 0608
Sampler: SOCMA	Date: 9/22/04
Well I.D.: MW-10	Well Diameter: 2 3 4 6 8 ____
Total Well Depth: 22.40	Depth to Water: 10.23
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.

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1222	71.1	6.9	788	4.5	CLOUDY / GAS ODOR
1223	70.8	6.9	781	9.0	" "
1224	70.5	6.9	779	13.5	CLEARING

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

Sampling Time: 1228 Sampling Date: 9/22/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S, EDB, 1,2-DCA + ETHANOL PLUS 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.6	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040922-551	Station # 0608
Sampler: SOCIA	Date: 9/22/04
Well I.D.: MW-11	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 18.80	Depth to Water: 11.10
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.

2.8 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 8.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1136	71.6	6.9	916	2.8	cloudy
1137	70.0	6.9	905	5.6	"
1138	70.1	6.9	903	8.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 8.5

Sampling Time: 1142 Sampling Date: 9/22/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S, EDB, 1,2-DCA + ETHANOL 8260

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 #: 040922-SS1	Station # 0608
Sampler: SOCIA	Date: 9/22/04
Well I.D.: MW-14	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 23.05	Depth to Water: 9.55
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	radius^2 * 0.163

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

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Other: ____

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

5 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 15 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1156	70.8	7.1	919	5	CLEAR
1157	70.1	7.0	923	10	"
1158	70.1	7.0	926	15	"

Did well dewater? Yes (No) Gallons actually evacuated: 15

Sampling Time: 1202 Sampling Date: 9/22/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S, EDB, 1,2-DCA + ETHANOL MLS 8260

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 #: 040922-SS1	Station # 0608
Sampler: SDCM	Date: 9/22/04
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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
UNABLE PARKED OVER ANL DAY.				UNABLE TO LOCATE OWNER.	
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	Other: OXY'S, EDB, 1,2-DCA + ETHANOL ANL 8260		
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 #: 040922-SS1	Station # 0608
Sampler: SOCIA	Date: 9/22/04
Well I.D.: MW-16	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 23.10	Depth to Water: 11.40
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 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1045	68.2	7.1	875	4.3	cloudy
1046	68.3	7.0	827	8.6	"
1047	68.0	7.0	842	13.0	clearing

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

Sampling Time: 1050 Sampling Date: 9/22/04

Sample I.D.: MW-16 Laboratory: Pace (Sequoia) Other _____

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S; EDB; 1,2-DCA + ETHANOL MW 8260

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 #: 040922-SS1	Station # 0608
Sampler: SOONA	Date: 9/22/04
Well I.D.: MW-18	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 21.50	Depth to Water: 10.95
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 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 12.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1059	71.0	7.0	946	4.1	cloudy
1100	70.9	6.9	955	8.2	"
1101	70.7	6.9	957	12.5	CLEARING

Did well dewater? Yes (No) Gallons actually evacuated: 12.5

Sampling Time: 1105 Sampling Date: 9/22/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S; EDB; 1,2-DCA + ETHANOL MTBE

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 #: 040922-SS1	Station # 0608
Sampler: SOCMA	Date: 9/22/04
Well I.D.: MW-21	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 21.30	Depth to Water: 10.17
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

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

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

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

4.1 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 12.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
956	71.1	6.9	949	4.1	CLEAR
957	70.5	6.9	939	8.2	"
958	70.4	6.9	936	12.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 12.5

Sampling Time: 1000 Sampling Date: 9/21/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S; EDB; 1,2-DCA + ETHANOL 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.2	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040922-SS1	Station # 0608
Sampler: SOCAL	Date: 9/22/04
Well I.D.: MW-22	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 21.47	Depth to Water: 10.94
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
1015	68.3	7.1	865	4	cloudy
1016	67.4	7.0	836	8	"
1017	67.5	7.0	832	12	"

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

Sampling Time: 1020 Sampling Date: 9/22/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXYS; EDB; 1,2-DCA + ETHANOL MTBE 8260

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 #: 040922-SS1	Station # 0608
Sampler: SOCIA	Date: 9/22/04
Well I.D.: MW-23	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 21.67	Depth to Water: 11.95
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.

3.8 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 11.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1029	66.7	7.0	903	3.8	CLOUDY
1030	66.4	6.9	909	7.6	"
1031	66.1	6.9	910	11.5	CLEARING

Did well dewater? Yes (No) Gallons actually evacuated: 11.5

Sampling Time: 1035 Sampling Date: 9/22/04

Sample I.D.: MW-23 Laboratory: Pace (Sequoia) Other ___

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S, EDB, 1,2-DCA + ETHANOL MTBE 8260

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 #: 040922-SS1	Station # 0608
Sampler: SOOMA	Date: 9/22/04
Well I.D.: MW-25	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 18.50	Depth to Water: 11.74
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.

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1445	71.0	7.0	864	1.1	PURGED
1446	70.5	7.0	867	2.2	"
1447	70.3	7.0	870	3.3	"

Did well dewater? Yes (No) Gallons actually evacuated: 3.3

Sampling Time: 1450 Sampling Date: 9/22/04

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

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S, EDB, 1,2-DCA + ETHANOL PUL 8260

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 #: 040922-SS1	Station # 0608
Sampler: SOCAL	Date: 9/22/04
Well I.D.: MW-2C	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.55	Depth to Water: 12.05
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
1242	71.1	7.1	883	1.2	CLOUDY
1243	70.5	7.0	886	2.4	"
1244	70.3	7.0	885	3.6	"

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

Sampling Time: 1246 Sampling Date: 9/22/04

Sample I.D.: MW-2C Laboratory: Pace (Sequoia) Other ___

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S; EDB; 1,2-DCA + ETHANOL 8260

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 #: 040922-SS1	Station # 0608
Sampler: SOCAL	Date: 9/22/04
Well I.D.: 6426	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 ____ (Specified Volumes) = ____ Gals. (Calculated Volume)

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1115	TRIED TURNING ON PUMP. NOT WORKING OR WELL IS				
	DRY.				
	ATTEMPTED TO GO BACK TO CHECK 1 MORE TIME FOR GAUGING				
	PORT BUT OWNER WILL NOT LET ME BACK IN.				

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.: 642-4		Laboratory: Pace (Sequoia) Other____	
Analyzed for: (GRO) (BTEX) MTBE DRO		Other: OXY'S; EDB; 1,2-DCA + ETHANOL ALL 8260	
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 #: 040922-SS1	Station # 0608
Sampler: SOCIA	Date: 9/22/04
Well I.D.: 17372VM	Well Diameter: 2 3 4 6 8 (NA)
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: Spigot

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
Well Purged 3 min. prior to sample					
1212	70.2	7.2	820	———	clear

Did well dewater? ~~Yes~~ ~~No~~		Gallons actually evacuated: ———	
Sampling Time: 1212		Sampling Date: 9/22/04	
Sample I.D.: 17372VM		Laboratory: Pace (Sequoia) Other_____	
Analyzed for: (GRO) (BTEX) MTBE DRO		Other: OXY'S; EDB, 1,2-DCA + ETHANOL PAL 8260	
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: 3.6 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 040922-SS1	Station # 0608
Sampler: SOOCA	Date: 9/22/04
Well I.D.: ~~ESCH~~ E-1A	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: ———	Depth to Water: 18.46
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

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

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

Top of Screen: ___

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

1 Case Volume (Gals.)	X Specified Volumes	= Calculated Volume
~~PURGED~~	___	___ Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
~~WELL~~ RAN FOR	3 min	prior to sample.			
930	72.7	6.9	967	———	CLEAR
OPENED CAM LOCK FITTING @ WELL HEAD.					

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

Sampling Time: 930 Sampling Date: 9/22/04

Sample I.D.: ~~DUP~~ E-1A Laboratory: Pace (Sequoia) Other ___

Analyzed for: (GRO) (BTEX) MTBE DRO Other: OXY'S, EDB, 1,2-DCA + ETHANOL 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	3.2	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

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

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

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

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

608

Station #

17601 Hesperian San Lorenzo

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

added equip. rinse water _____ any other adjustments _____

TOTAL GALS. RECOVERED 130 loaded onto BTS vehicle # 54

BTS event # 090922-451 time 1515 date 9/22/04

signature

* *

REC'D AT BTS time 1545 date 9/22/04

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

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7 October, 2004

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MNI0692

Enclosed are the results of analyses for samples received by the laboratory on 09/23/04 15:43. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	MNI0692-01	Water	09/22/04 14:38	09/23/04 15:43
MW-8	MNI0692-02	Water	09/22/04 14:25	09/23/04 15:43
MW-9	MNI0692-03	Water	09/22/04 13:02	09/23/04 15:43
MW-10	MNI0692-04	Water	09/22/04 12:28	09/23/04 15:43
MW-11	MNI0692-05	Water	09/22/04 11:42	09/23/04 15:43
MW-14	MNI0692-06	Water	09/22/04 12:02	09/23/04 15:43
MW-16	MNI0692-07	Water	09/22/04 10:50	09/23/04 15:43
MW-18	MNI0692-08	Water	09/22/04 11:05	09/23/04 15:43
MW-21	MNI0692-09	Water	09/22/04 10:00	09/23/04 15:43
MW-22	MNI0692-10	Water	09/22/04 10:20	09/23/04 15:43
MW-23	MNI0692-11	Water	09/22/04 10:35	09/23/04 15:43
MW-25	MNI0692-12	Water	09/22/04 14:50	09/23/04 15:43
MW-26	MNI0692-13	Water	09/22/04 12:46	09/23/04 15:43
17372VM	MNI0692-14	Water	09/22/04 12:12	09/23/04 15:43
E-1A	MNI0692-15	Water	09/22/04 09:30	09/23/04 15:43
TB-092204-608	MNI0692-16	Water	09/22/04 00:00	09/23/04 15:43

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

These samples were received with intact custody seals.

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MNI0692-01) Water Sampled: 09/22/04 14:38 Received: 09/23/04 15:43									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4J01033	10/01/04	10/01/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**15**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90 %*		*78-129*		"	"	"	
MW-8 (MNI0692-02) Water Sampled: 09/22/04 14:25 Received: 09/23/04 15:43									
tert-Amyl methyl ether	**1.5**	0.50	ug/l	1	4J01033	10/01/04	10/01/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**18**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**84**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90 %*		*78-129*		"	"	"	

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 (MNI0692-03) Water Sampled: 09/22/04 13:02 Received: 09/23/04 15:43									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4J01033	10/01/04	10/01/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*82 %*		*78-129*	"	"	"	"	
MW-10 (MNI0692-04) Water Sampled: 09/22/04 12:28 Received: 09/23/04 15:43									
tert-Amyl methyl ether	**3.8**	0.50	ug/l	1	4J01033	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	**54**	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	**87**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	**560**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*89 %*		*78-129*	"	"	"	"	

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-11 (MNI0692-05) Water Sampled: 09/22/04 11:42 Received: 09/23/04 15:43									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4J01033	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90 %*		*78-129*	"	"	"	"	
MW-14 (MNI0692-06) Water Sampled: 09/22/04 12:02 Received: 09/23/04 15:43									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4J01033	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*86 %*		*78-129*	"	"	"	"	

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-16 (MNI0692-07) Water Sampled: 09/22/04 10:50 Received: 09/23/04 15:43									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4J01033	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90 %*		*78-129*	"	"	"	"	
MW-18 (MNI0692-08) Water Sampled: 09/22/04 11:05 Received: 09/23/04 15:43									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4J01033	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*89 %*		*78-129*	"	"	"	"	

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-21 (MNI0692-09) Water Sampled: 09/22/04 10:00 Received: 09/23/04 15:43									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4J01033	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*80 %*		*78-129*	"	"	"	"	
MW-22 (MNI0692-10) Water Sampled: 09/22/04 10:20 Received: 09/23/04 15:43									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4J01033	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*85 %*		*78-129*	"	"	"	"	

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-23 (MNI0692-11) Water Sampled: 09/22/04 10:35 Received: 09/23/04 15:43									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4J01033	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92 %*	*78-129*		"	"	"	"	
MW-25 (MNI0692-12) Water Sampled: 09/22/04 14:50 Received: 09/23/04 15:43									
tert-Amyl methyl ether	**18**	0.50	ug/l	1	4J01033	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**29**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90 %*	*78-129*		"	"	"	"	

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-26 (MNI0692-13) Water Sampled: 09/22/04 12:46 Received: 09/23/04 15:43									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4J01024	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*96 %*	*78-129*		"	"	"	"	
17372VM (MNI0692-14) Water Sampled: 09/22/04 12:12 Received: 09/23/04 15:43									
tert-Amyl methyl ether	ND	0.50	ug/l	1	4J01024	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98 %*	*78-129*		"	"	"	"	

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E-1A (MNI0692-15) Water Sampled: 09/22/04 09:30 Received: 09/23/04 15:43									
tert-Amyl methyl ether	**0.98**	0.50	ug/l	1	4J01024	10/01/04	10/02/04	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**17**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99 %*	*78-129*		"	"	"	"	

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

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 4J01024 - EPA 5030B P/T										
Blank (4J01024-BLK1)				Prepared & Analyzed: 10/01/04						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*4.77*		"	*5.00*		*95*	*78-129*			
Laboratory Control Sample (4J01024-BS1)				Prepared & Analyzed: 10/01/04						
tert-Amyl methyl ether	9.71	0.50	ug/l	10.0		97	82-140			
Benzene	9.84	0.50	"	10.0		98	69-124			
tert-Butyl alcohol	48.6	20	"	50.0		97	56-131			
Di-isopropyl ether	9.74	0.50	"	10.0		97	76-130			
1,2-Dibromoethane (EDB)	10.2	0.50	"	10.0		102	77-132			
1,2-Dichloroethane	11.1	0.50	"	10.0		111	77-136			
Ethanol	187	100	"	200		94	31-143			
Ethyl tert-butyl ether	9.81	0.50	"	10.0		98	81-121			
Ethylbenzene	9.97	0.50	"	10.0		100	84-132			
Methyl tert-butyl ether	9.95	0.50	"	10.0		100	63-137			
Toluene	10.1	0.50	"	10.0		101	78-129			
Xylenes (total)	29.9	0.50	"	30.0		100	83-137			
Surrogate: 1,2-Dichloroethane-d4	*4.74*		"	*5.00*		*95*	*78-129*			

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

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 4J01024 - EPA 5030B P/T										
Laboratory Control Sample (4J01024-BS2)				Prepared & Analyzed: 10/01/04						
Benzene	5.80	0.50	ug/l	6.40		91	69-124			
Ethylbenzene	7.89	0.50	"	7.52		105	84-132			
Methyl tert-butyl ether	9.13	0.50	"	9.92		92	63-137			
Toluene	31.1	0.50	"	31.9		97	78-129			
Xylenes (total)	38.7	0.50	"	36.6		106	83-137			
Gasoline Range Organics (C4-C12)	461	50	"	440		105	70-124			
Surrogate: 1,2-Dichloroethane-d4	*4.71*		"	*5.00*		*94*	*78-129*			
Laboratory Control Sample Dup (4J01024-BSD1)				Prepared & Analyzed: 10/01/04						
tert-Amyl methyl ether	10.0	0.50	ug/l	10.0		100	82-140	3	20	
Benzene	10.4	0.50	"	10.0		104	69-124	6	20	
tert-Butyl alcohol	48.6	20	"	50.0		97	56-131	0	20	
Di-isopropyl ether	10.2	0.50	"	10.0		102	76-130	5	20	
1,2-Dibromoethane (EDB)	10.5	0.50	"	10.0		105	77-132	3	20	
1,2-Dichloroethane	11.4	0.50	"	10.0		114	77-136	3	20	
Ethanol	213	100	"	200		106	31-143	13	20	
Ethyl tert-butyl ether	10.2	0.50	"	10.0		102	81-121	4	20	
Ethylbenzene	9.93	0.50	"	10.0		99	84-132	0.4	20	
Methyl tert-butyl ether	10.1	0.50	"	10.0		101	63-137	1	20	
Toluene	9.25	0.50	"	10.0		92	78-129	9	20	
Xylenes (total)	29.2	0.50	"	30.0		97	83-137	2	20	
Surrogate: 1,2-Dichloroethane-d4	*4.92*		"	*5.00*		*98*	*78-129*			
Laboratory Control Sample Dup (4J01024-BSD2)				Prepared & Analyzed: 10/01/04						
Benzene	5.82	0.50	ug/l	6.40		91	69-124	0.3	20	
Ethylbenzene	7.76	0.50	"	7.52		103	84-132	2	20	
Methyl tert-butyl ether	9.22	0.50	"	9.92		93	63-137	1	20	
Toluene	31.3	0.50	"	31.9		98	78-129	0.6	20	
Xylenes (total)	38.4	0.50	"	36.6		105	83-137	0.8	20	
Gasoline Range Organics (C4-C12)	456	50	"	440		104	70-124	1	20	
Surrogate: 1,2-Dichloroethane-d4	*4.78*		"	*5.00*		*96*	*78-129*			

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

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 4J01033 - EPA 5030B P/T										
Blank (4J01033-BLK1)				Prepared & Analyzed: 10/01/04						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	100	"							
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	*2.23*		*"*	*2.50*		*89*	*78-129*			
Laboratory Control Sample (4J01033-BS1)				Prepared & Analyzed: 10/01/04						
tert-Amyl methyl ether	10.0	0.50	ug/l	10.0		100	82-140			
Benzene	9.34	0.50	"	10.0		93	69-124			
tert-Butyl alcohol	42.9	20	"	50.0		86	56-131			
Di-isopropyl ether	9.82	0.50	"	10.0		98	76-130			
1,2-Dibromoethane (EDB)	10.6	0.50	"	10.0		106	77-132			
1,2-Dichloroethane	9.50	0.50	"	10.0		95	77-136			
Ethanol	212	100	"	200		106	31-143			
Ethyl tert-butyl ether	9.71	0.50	"	10.0		97	81-121			
Ethylbenzene	9.87	0.50	"	10.0		99	84-132			
Methyl tert-butyl ether	9.35	0.50	"	10.0		94	63-137			
Toluene	9.86	0.50	"	10.0		99	78-129			
Xylenes (total)	30.5	0.50	"	30.0		102	83-137			
Surrogate: 1,2-Dichloroethane-d4	*2.16*		*"*	*2.50*		*86*	*78-129*			

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

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 4J01033 - EPA 5030B P/T										
Laboratory Control Sample (4J01033-BS2)				Prepared & Analyzed: 10/01/04						
Benzene	5.21	0.50	ug/l	6.40		81	69-124			
Ethylbenzene	7.90	0.50	"	7.52		105	84-132			
Methyl tert-butyl ether	8.77	0.50	"	9.92		88	63-137			
Toluene	32.0	0.50	"	31.9		100	78-129			
Xylenes (total)	39.2	0.50	"	36.6		107	83-137			
Gasoline Range Organics (C4-C12)	467	50	"	440		106	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.20*		"	*2.50*		*88*	*78-129*			
Laboratory Control Sample Dup (4J01033-BSD1)				Prepared & Analyzed: 10/01/04						
tert-Amyl methyl ether	9.83	0.50	ug/l	10.0		98	82-140	2	20	
Benzene	9.48	0.50	"	10.0		95	69-124	1	20	
tert-Butyl alcohol	46.2	20	"	50.0		92	56-131	7	20	
Di-isopropyl ether	9.94	0.50	"	10.0		99	76-130	1	20	
1,2-Dibromoethane (EDB)	10.2	0.50	"	10.0		102	77-132	4	20	
1,2-Dichloroethane	9.26	0.50	"	10.0		93	77-136	3	20	
Ethanol	216	100	"	200		108	31-143	2	20	
Ethyl tert-butyl ether	9.58	0.50	"	10.0		96	81-121	1	20	
Ethylbenzene	10.3	0.50	"	10.0		103	84-132	4	20	
Methyl tert-butyl ether	8.85	0.50	"	10.0		88	63-137	5	20	
Toluene	10.2	0.50	"	10.0		102	78-129	3	20	
Xylenes (total)	31.6	0.50	"	30.0		105	83-137	4	20	
Surrogate: 1,2-Dichloroethane-d4	*2.20*		"	*2.50*		*88*	*78-129*			
Matrix Spike (4J01033-MS1)	**Source: MNI0692-01**			Prepared & Analyzed: 10/01/04						
Benzene	5.54	0.50	ug/l	6.40	0.090	85	69-124			
Ethylbenzene	8.23	0.50	"	7.52	ND	109	84-132			
Methyl tert-butyl ether	22.3	0.50	"	9.92	15	74	63-137			
Toluene	33.6	0.50	"	31.9	0.15	105	78-129			
Xylenes (total)	40.3	0.50	"	36.6	ND	110	83-137			
Gasoline Range Organics (C4-C12)	488	50	"	440	32	104	70-124			
Surrogate: 1,2-Dichloroethane-d4	*2.11*		"	*2.50*		*84*	*78-129*			

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

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 4J01033 - EPA 5030B P/T										
Matrix Spike Dup (4J01033-MSD1)	**Source: MNI0692-01**			Prepared & Analyzed: 10/01/04						
Benzene	5.47	0.50	ug/l	6.40	0.090	84	69-124	1	20	
Ethylbenzene	7.97	0.50	"	7.52	ND	106	84-132	3	20	
Methyl tert-butyl ether	23.0	0.50	"	9.92	15	81	63-137	3	20	
Toluene	32.7	0.50	"	31.9	0.15	102	78-129	3	20	
Xylenes (total)	39.1	0.50	"	36.6	ND	107	83-137	3	20	
Gasoline Range Organics (C4-C12)	456	50	"	440	32	96	70-124	7	20	
Surrogate: 1,2-Dichloroethane-d4	*2.08*		"	*2.50*		*83*	*78-129*			

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0692
1333 Broadway, Suite 800	Project Number: INTRIM-50715	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	10/07/04 14:47

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Chain of Custody Record

Project Name GWM
BP BU/GEM CO Portfolio Retail
BP Laboratory Contract Number: Atlantic Richfield Company
Date: 9/22/04 **Requested Due Date (mm/dd/yy)** 14 day TAT

On-site Time: 825 Temp: 75°
Off- site Time: 1525 Temp: 89°
Sky Conditions: clear
Meteorological Events: —
Wind Speed: — Direction: —

Send To:	**BP/GEM Facility No.:** ARCO 608	**Consultant/Contractor:** URS
Lab Name: SEQUOIA	**BP/GEM Facility Address:** 17601 HESPERIAN BL, SAN LORENZO, CA	**Address:** 1333 Broadway, Suite 800
Lab Address: 885 Jarvis Dr.	**Site ID No.** ARCO 608	Oakland, CA 94612
Morgan Hill, CA 95037	**Site Lat/Long:**	**e-mail EDD:** donna_cosper@URSCorp.com
	California Global ID #: T0600100085	**Consultant/Contractor Project No.:** J5-00000608.01 00427
Lab PM Lisa Race	**BP/GEM PM Contact:** PAUL SUPPLE	**Consultant Tele/Fax:** 510-893-3600/510-874-3268
Tele/Fax: 408-776-9600 / 408-782-6308	**Address:** P.O. Box 6549	**Consultant/Contractor PM:** Scott Robinson
Report Type & QC Level: 1 Send EDF Reports	Moraga, CA 94570	**Invoice to:** Consultant/Contractor or BP/GEM (Circle one)
BP/GEM Account No.:	**Tele/Fax:** 925-299-8891/925-299-8872	**BP/GEM Work Release No:** INTRIM -50715

Lab Bottle Order No:

Item No.	Sample Description	Time	Matrix: Soil/Solid	Water/Liquid	Sediments	Air	Laboratory No.	No. of containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	GRO / BTEX (8015/8021 or 8260)	DRO w/SGC (8015)	MTBE (8021)	MTBE (8260)	MTBE, TAME, ETBE DIPE, TBA (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-5	1438		X			MW104092-1	6				6	X				X	X	X	
2	MW-8	1425		X			-2	3				3	X				X	X	X	
3	MW-9	1302		X			-3						X				X	X	X	
4	MW-10	1228		X			-4						X				X	X	X	
5	MW-11	1142		X			-5						X				X	X	X	
6	MW-14	1202		X			-6						X				X	X	X	
7	MW-16	1050		X			-7						X				X	X	X	
8	MW-18	1105		X			-8						X				X	X	X	
9	MW-21	1000		X			-9						X				X	X	X	
10	MW-22	1020		X			-10						X				X	X	X	

Sampler's Name: Scotton Smith	**Relinquished By / Affiliation**	**Date**	**Time**	**Accepted By / Affiliation**	**Date**	**Time**
Sampler's Company: BTS		9/23/04	1505		9/23/04	1505
Shipment Date:		9/23/04	1543	TD	9/23/04	1543
Shipment Method:						
Shipment Tracking No:						

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

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

Chain of Custody Record

bp

Project Name GWM
BP BU/GEM CO Portfolio Retail MNI06092
BP Laboratory Contract Number: Atlantic Richfield Company
Date: 9/22/04 Requested Due Date (mm/dd/yy) 14 day TAT

On-site Time:	Temp:
Off- site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Send To:	
Lab Name:	SEQUOIA
Lab Address:	885 Jarvis Dr.
	Morgan Hill, CA 95037
Lab PM	Lisa Race
Tele/Fax:	408-776-9600 / 408-782-6308
Report Type & QC Level:	1 Send EDF Reports
BP/GEM Account No.:	

BP/GEM Facility No.:	ARCO 608
BP/GEM Facility Address:	17601 HESPERIAN BL, SAN LORENZO, CA
Site ID No.	ARCO 608
Site Lat/Long:	
California Global ID #:	T0600100085
BP/GEM PM Contact:	PAUL SUPPLE
Address:	P.O. Box 6549
	Moraga, CA 94570
Tele/Fax:	925-299-8891/925-299-8872

Consultant/Contractor:	URS
Address:	1333 Broadway, Suite 800
	Oakland, CA 94612
e-mail EDD:	donna_cosper@URSCorp.com
Consultant/Contractor Project No.:	J5-00000608.01 00427
Consultant Tele/Fax:	510-893-3600/510-874-3268
Consultant/Contractor PM:	Scott Robinson
Invoice to:	Consultant/Contractor or BP/GEM (Circle one)
BP/GEM Work Release No:	INTRIM -50715

Lab Bottle Order No:

Item No.	Sample Description	Time	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Sediments	Matrix: Air	Laboratory No. MNI06092	No. of containers	Preservatives: Unpreserved	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl	Requested Analysis: GRO / BTEX (8015/8021/8260)	Requested Analysis: DRO w/SGC (8015)	Requested Analysis: MTBE (8021)	Requested Analysis: MTBE (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-23	1035		X			-11	3				3	X				X	X	X	
2	MW-25	1450					-12						X				X	X	X	
3	MW-26	1246					-13						X				X	X	X	
4	17312 VM	1210					-14						X				X	X	X	
5	E-1A	930					-15						X				X	X	X	
6	TB-092204-608						-16	2				2								ON HOLD
7																				
8																				
9																				
10																				

Sampler's Name:	Southern Sun	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation
Sampler's Company:	BTS		9/23/04	1505	JV
Shipment Date:			9/23/04	1543	
Shipment Method:					
Shipment Tracking No:					

Date	Time		
9/23/04	1505		
9/23/04	1593		

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

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

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

BP COC Rev. 1 2/5/02

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ARCO 608
REC. BY (PRINT): JD
WORKORDER: 9409002

DATE REC'D AT LAB: 9/23/04
TIME REC'D AT LAB: 1543
DATE LOGGED IN: 9/24/04

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

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) (Present / Absent) (Intact / Broken*)			MW-5	VOA (6)	HCl	—	W	9/24/04	
2. Chain-of-Custody (Present / Absent*)			-8	(3)					
3. Traffic Reports or Packing List: (Present / Absent)			-9						
4. Airbill: (Airbill / Sticker) (Present / Absent)			-10						
5. Airbill #:			-11						
6. Sample Labels: (Present / Absent)			-14						
7. Sample IDs: (Listed / Not Listed) on Chain-of-Custody			-16						
8. Sample Condition: (Intact / Broken* / Leaking*)			-18						
			-21						
			-22						
			-23						
			-25						
			-26						
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes / No*)			17.372 VM						
			E-1A						
			TB-092204-608	(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*)									
14. Temp Rec. at Lab: 4.6 Is temp 4 +/-2°C? (Yes / No**)									

(Acceptance range for samples requiring thermal pres.)

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

JD 9/23/04

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

Sequoia
Analytical

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

9 September, 2004

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MNI0010

Enclosed are the results of analyses for samples received by the laboratory on 08/31/04 10:29. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

885 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	MNI0010
1333 Broadway, Suite 800	Project Number: G09JZ-0456	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	09/09/04 16:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFFL	MNI0010-01	Water	08/26/04 08:00	08/31/04 10:29

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	MNI0010
1333 Broadway, Suite 800	Project Number: G09JZ-0456	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	09/09/04 16:56

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MNI0010-01) Water Sampled: 08/26/04 08:00 Received: 08/31/04 10:29									
Chemical Oxygen Demand	ND	30000	ug/l	1	4I09031	09/09/04	09/09/04	EPA 410.4	

Sequoia Analytical

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

URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0010
1333 Broadway, Suite 800	Project Number: G09JZ-0456	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	09/09/04 16:56

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 4I09031 - General Preparation										
Blank (4I09031-BLK1)				Prepared & Analyzed: 09/09/04						
Chemical Oxygen Demand	ND	30000	ug/l							
Laboratory Control Sample (4I09031-BS1)				Prepared & Analyzed: 09/09/04						
Chemical Oxygen Demand	91300	30000	ug/l	100000		91	80-124			
Matrix Spike (4I09031-MS1)	**Source: MNI0010-01**			Prepared & Analyzed: 09/09/04						
Chemical Oxygen Demand	108000	33000	ug/l	111000	ND	97	80-124			
Matrix Spike Dup (4I09031-MSD1)	**Source: MNI0010-01**			Prepared & Analyzed: 09/09/04						
Chemical Oxygen Demand	113000	33000	ug/l	111000	ND	102	80-124	5	23	

Sequoia Analytical

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www.sequoialabs.com

URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MNI0010
1333 Broadway, Suite 800	Project Number: G09JZ-0456	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	09/09/04 16:56

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SEVERN TRENT STL

Chain of Custody

Date Shipped: 8/31/2004

2004-08-0724 - 1

From:

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

MW2010

To:

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

Project Manager:	Afsaneh Salimpour	Phone: (408) 776-9600	Ext:
Phone: (925) 484-1919	Ext: 107	Fax: (408) 782-6308	
Fax:	(925) 484-1096	Contact: Sample Receiving	
Email:	asalimpour@stl-inc.com	Phone: (408) 776-9600	Ext:

CL Submission #: 2004-08-0724
CL PO #:

Project #: 38486707.0L041
Project Name: BP Facility No.: 608

Client Sample ID		CL#	Sampled	Matrix	
Analysis				Method	TAT
EFFL		4	8/26/2004 8:00:00AM	Water	
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: Denise Harrington Time:	Signature: [illegible] Time: 1020	Signature: Time:
Printed Name: D. Harrington Date:	Printed Name: [illegible] Date: 8/31/04	Printed Name: Date:
Company: STL - SF 8/31/04	Company: STL - SF	Company:
RECEIVED BY: 1.	RECEIVED BY: 2.	RECEIVED BY: 3.
Signature: [illegible] Time: 0640	Signature: [illegible] Time: 1029	Signature: Time:
Printed Name: STL - SF Date: 8/31/04	Printed Name: P. HUFFARD Date: 8/31/04	Printed Name: Date:
Company:	Company: SEQ MH	Company:

2004-08-0724

Page 1 of 1 40431

Chain of Custody Record

Project Name	Station 608 - O&M - Remediation/Environmental
BP BU/GEM CO Portfolio:	Retail
BP Laboratory Contract Number:	Atlantic Richfield Company
Requested Due Date (mm/dd/yy) (Standard 14 day TAT)	9/9/04

Date: 8/26/04

On-site Time:	0730 Temp: 68
Off-site Time:	0900 Temp: 70
Sky Conditions:	Sunny
Meteorological Events:	None
Wind Speed:	n/a Direction: n/a

Send To:	BP/GEM Facility No.: Station 608	Consultant/Contractor: URS Oakland
Lab Name: STL-SF (Pleasanton)	BP/GEM Facility Address: 17601 Hesperian Blvd, San Lorenzo, CA	Address: 1333 Broadway, Suite 800
Lab Address:	Site ID No.: Station 608	Oakland, CA 94612
1220 Quarry Lane	Site Lat/Long:	e-mail EDD: No EDF
Pleasanton, CA 94566-4756	California Global ID #: T0600100085	Consultant/Contractor Project No.: 38486707.0L041
Lab PM: Afsaneh Salimpour	BP/GEM Environmental Business Manager: Paul Supple	Consultant/Contractor Tele/Fax: 510.893.3600/510.874.3268
Tele/Fax: 925.484.1919/925.484.1096	Address: P.O. Box 6549	Consultant/Contractor PM: Scott Robinson
Report Type & QC Level: Level 1	Moraga, CA 94570	Invoice to: Atlantic Richfield Co
BP/GEM Account No.:	Tele/Fax: 925.299.8891/925.299.8872	BP/GEM Work Release No: G0937-0456

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of containers	Preservatives: Unpreserved	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl	Requested Analysis: CBG (8260)	Requested Analysis: BTEX (8260)	Requested Analysis: MTBE (8260)	Requested Analysis: Fuel Oxy. (8260)	Requested Analysis: COD (410.4)	Requested Analysis: TSS (160.2)	Sample Point Lat/Long and Comments
1	INFL	0815	8/26		X			3				X	X	X	X	X			
2	MID-1	0810	8/26		X			3				X	X	X	X	X			
3	MID-2	0805	8/26		X			3				X	X	X	X	X			
4	EFFL	0800	8/26		X			3				X	X	X	X	X			
5	EFFL	0800	8/26		X			1		X							X		NO EDF
6	EFFL	0800	8/26		X			1	X									X	
7	Trip blank	0730	8/26		X			2				X							on hold
8																			
9																			
10																			

MW-D010

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: George Bradshaw		8/26/04	1225	Lily Chen	8/26/04	1225
Sampler's Company: URS Corporation		8/26/04	0900	DS Wright	8/27/04	0900
Shipment Date: 8/26/04		8/27/04	1045	Denise Harrington	8/27/04	1045
Shipment Method: Hand Deliver - STL						
Shipment Tracking No:						

Special Instructions: COD = Chemical Oxygen Demand (250 ml poly w/H2SO4), TSS = Total Suspended Solids (250 ml poly unpreserved)

Custody Seals In Place Yes ___ No ✓ Temp Blank Yes ___ No ✓ Cooler Temperature on Receipt 4 °F/C Trip Blank Yes ✓ No ___

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

BP COC Rev. 3 12/15/03

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: STL
REC. BY (PRINT): PN
WORKORDER: 0408010

DATE REC'D AT LAB: 8/31/04
TIME REC'D AT LAB: 1027
DATE LOGGED IN: 9-1-04

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

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*			0724 - EFFL	500ml Poly	H2SO4	—	W	8/26/04	
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. Temp Rec. at Lab: 6 °C Is temp 4 +/-2°C? (Yes) / No**									

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

Paulyn 8/31/04

*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	250	210	8.0	<1.0	<1.0	210	NM
		11/25,26/96			12.07	21.92	<500	<5.0	<5.0	<5.0	<5.0	280	NM
		03/31/97	†		12.42	21.57	<50	<0.50	<0.50	<0.50	<0.50	41	NM
		06/25/97			12.64	21.35	NS	NS	NS	NS	NS	NS	NM
		09/09,10/97			12.75	21.24	<50	<0.50	<0.50	<0.50	<0.50	19	NM
		11/24,25/97			12.60	21.39	<50	0.9	<0.50	<0.50	<0.50	23	1.4
		03/19,20/98			10.43	23.56	61	1.0	0.56	0.55	<0.50	75	1.2
		06/04/98			11.24	22.76	150	<0.30	<0.30	0.32	0.74	20	1.4
		09/21,22/98			12.45	21.54	110	0.69	<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			11.06	22.94	50.9	<0.50	<0.50	<0.50	<0.50	211	1.0
		06/14,15/99			12.26	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	561	2.0
		9/19,20/00			12.45	21.54	<50.0	<0.50	<0.50	<0.50	<0.50	51	2.2
		12/14,15/00			12.03	21.96	152.0	1.33	0.56	<0.50	<0.50	<2.50	1.0
		3/8,9/01			10.81	23.18	<50.0	<0.50	<0.50	<0.50	<0.50	73.8	1.6
		06/14/01			12.25	21.74	<50.0	<0.50	<0.50	<0.50	<0.50	47.0	1.8
		09/25/01			12.83	21.16	<50.0	<0.50	<0.50	<0.50	<0.50	270.0	2.0
		12/29/01			10.97	23.02	<50.0	<0.50	<0.50	<0.50	0.95	370.0	2.4
		03/13/02			11.46	22.53	530	<2.5	<2.5	<2.5	<2.5	1100	3.00
MW-7		03/13,15/96		34.40	9.73	24.67	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28,29/96			11.60	22.80	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28,29/96			12.63	21.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25,26/96			12.10	22.30	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			11.72	22.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			12.98	21.42	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			12.26	22.15	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
		11/24,25/97			12.57	21.83	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
		03/19,20/98			10.35	24.05	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
		06/04/98			11.30	23.10	<50	<0.30	<0.30	<0.30	<0.60	<10	0.7
		09/21,22/98			12.48	21.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.4
		12/14,15/98			11.90	22.50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.2
		03/15,16/99			11.10	23.30	<50	<0.50	<0.50	<0.50	<0.60	<	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	3.6	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	67	<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	25	2.0
		03/19,20/98			9.40	23.39	440	1.4	<0.50	<0.50	3.7	140	2.2
		06/03/98			10.25	22.54	360	2.2	1.2	1.8	1.0	47	0.3
		09/21,22/98			11.37	21.42	380	<2.5	<2.5	<2.5	<2.5	620	0.0
		12/14,15/98			10.80	21.99	<50	<0.50	<0.50	<0.50	<0.50	1,600	0.0
		03/15,16/99			10.00	22.79	<500	<5.0	<5.0	<5.0	<5.0	625	0.0
		06/14,15/99			11.17	21.62	166	<0.50	<0.50	<0.50	<0.50	141	NM
		09/15,16/99			11.65	21.14	<500	<5.0	<5.0	<5.0	<5.0	2,380	2.4
		12/08,09/99			11.48	21.31	213	<0.50	<0.50	<0.50	<0.50	4,160	2.8
		03/15/00			9.38	23.41	133	<0.50	3.44	<0.50	0.548	1,350	2.2
		03/15/00	a		--	--	--	--	--	--	--	1,980	--
		06/13/00	b		11.93	20.86	227	<0.50	<0.50	<0.50	<0.50	657	1.0
		9/19,20/2000			11.46	21.33	191	1.7	3.2	<0.50	1.2	160	1.0
		12/14,15/00			10.97	21.82	243	<0.50	<0.50	<0.50	<0.50	243	2.0
		3/8,9/01			9.80	22.99	144	<0.50	<0.50	<0.50	<0.50	188	3.0
		06/14/01			11.22	21.57	150	3.2	0.75	<0.50	1.0	230	3.4
		09/26/01			10.80	21.99	140	<0.50	0.58	<0.50	1.9	170	0.6
		12/29/01			9.85	22.94	<50.0	<0.50	<0.50	<0.50	<0.50	660	4.2
		03/13/02			10.30	22.49	500	<2.5	<2.5	<2.5	<2.5	1,100	2.0

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

Well Number		Date Sampled		Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-9		03/13,15/96		32.11	7.65	24.46	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28/96			9.67	22.44	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28,29/96			10.78	21.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25/96			10.24	21.87	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			9.95	22.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			10.85	21.26	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			10.87	21.24	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
		11/24,25/97			10.70	21.41	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
		03/19,20/98			8.63	23.48	<50	<0.50	<0.50	<0.50	<0.50	56	4.8
		06/04/98			9.35	22.76	<50	<0.30	<0.30	<0.30	<0.60	<10	2.0
		09/21,22/98			10.55	21.56	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
		12/14,15/98			9.98	22.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
		03/15,16/99			9.10	23.01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.0
		06/14,15/99			10.32	21.78	<50	<0.50	<0.50	<0.50	<0.50	3.27	2.2
		09/15,16/99			10.83	21.28	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.2
		12/08,09/99			10.70	21.41	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.6
		03/15/00			8.58	23.53	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
		06/13/00	b		10.48	21.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		9/19,20/00			10.53	21.58	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		12/14,15/00			10.35	21.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
		3/8,9/01			9.05	23.06	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
		06/14/01			10.33	21.78	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
		09/26/01			10.82	21.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
		12/29/01			8.82	23.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		03/13/02			8.49	22.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
MW-10	††	03/13,14/96		31.67	7.78	23.89	870	35	<5.0	5.2	7.0	NA	NM
		05/29/96			10.00	21.67	800	<1.0	<1.0	<1.0	<1.0	NA	NM
		08/28/96			10.93	20.74	NS	NS	NS	NS	NS	NS	NM
		11/25,26/96			10.45	21.22	1,100	6.0	4.9	3.8	9.5	200	NM
		03/31/97	†		10.15	21.52	160	<0.50	<0.50	<0.50	<0.50	140	NM
		06/25/97			10.99	20.68	800	4.2	1.4	1.5	1.4	170	NM
		09/09,10/97			11.08	20.59	950	<1.2	3.3	2.5	3.7	240	2.0
		09/09,10/97	a		--	--	--	--	--	--	--	210	--
		11/24,25/97			10.85	20.82	920	5.7	6.7	<5.0	<5.0	160	2.4
		11/24,25/97			--	--	--	--	--	--	--	160	--
		03/19/98			8.78	22.89	330	1.7	<0.50	<0.50	<0.50	130	1.0
		06/04/98			9.59	22.08	680	<0.30	4.8	2.3	8.6	79	0.0
		09/21,22/98			10.77	20.90	650	<0.50	<0.50	3.5	1.3	99	0.0
		12/14/98			10.18	21.49	628	<1.0	<1.0	3.39	<1.0	152	0.4
		03/15,16/99			9.30	22.37	910	17.6	1.3	5.24	<1.0	268	0.0
		06/14,15/99			10.57	21.10	643	<0.50	0.761	1.13	1.35	232	NM
		09/15,16/99			11.03	20.64	685	<1.25	1.26	<1.25	<1.25	315	5.8
		12/08,09/99			10.88	20.79	898	5.7	1.29	<1.0	<1.0	236	5.6
		03/15/00			8.68	22.99	459	<1.0	<1.0	<1.0	<1.0	266	2.2
		03/15/00	a		--	--	--	--	--	--	--	342	--
		06/13/00	b		10.85	20.82	617	6.82	2.77	3.07	1.92	437	1.0
		9/19,20/00			10.70	20.97	527	<0.50	0.86	0.99	1.19	413	2.2
		12/14,15/00			10.35	21.32	456	10.50	1.01	0.60	<0.50	145	4.0
		3/8,9/01			9.12	22.55	509	<0.50	21.90	3.16	3.65	161	3.2
		06/14/01			10.55	21.12	710	9.20	2.60	<0.50	1.50	290	3.0
		09/26/01			10.98	20.69	580	<0.50	1.60	1.50	1.60	250	2.6
		12/29/01			9.06	22.61	410	<0.50	6.70	2.50	2.90	950	3.2
		03/13/02			9.68	21.98	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 (cont.)		06/14,15/99			11.25	21.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
		09/15/99			11.68	20.86	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.4
		12/08,09/99			11.53	21.01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
		03/15/00			9.32	23.22	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.7
		06/13/00	b		11.05	21.49	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
		9/19,20/00			11.37	21.17	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		3/8,9/01			11.00	21.54	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
		3/8,9/01			9.78	22.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
		06/14/01			11.23	21.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.4
		09/26/01			11.70	20.84	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
		12/29/01			9.91	22.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
		03/13/02			10.38	22.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
E-1A (MW-12)	††	03/13,14/96		33.06	10.35	22.71	2,700	38	<5.0	130	6.2	NA	NM
		05/28,29/96			11.50	21.56	1,400	410	16	55	5.5	NA	NM
		08/28/96			11.70	21.36	NS	NS	NS	NS	NS	NS	NM
		11/25,26/96			11.18	21.88	4,300	13	<5.0	100	20	220	NM
		03/31/97	†		12.65	20.41	1,900	7.9	<2.0	62	3.5	140	NM
		06/25/97			11.82	21.24	4,900	21	<5.0	53	6.8	160	NM
		09/09,10/97			11.86	21.21	3,200	9.0	<5.0	45	<5.0	85	2.0
		09/09,10/97	a		--	--	--	--	--	--	--	70	--
		11/24,25/97			11.75	21.31	2,000	10	<2.5	42	2.8	65	1.0
		03/19,20/98			9.65	23.41	11,000	1,300	<0.50	550	380	220	6.2
		06/04/98	b		10.47	22.59	4,500	3.3	0.92	41	4.0	51	1.5
		09/21,22/98			11.60	21.46	3,300	1.7	<0.50	29	3.6	52	1.8
		12/14,15/98			11.10	21.96	3,100	21	6.7	28	<5.0	140	1.0
		03/15,16/99			10.25	22.81	3,900	24.5	<20	41.2	<20	296	1.0
		06/14,15/99			11.47	21.59	5,090	<5.0	<5.0	6.01	<5.0	234	1.4
		09/15,16/99			11.90	21.16	2,200	7.93	<5.0	10.50	<5.0	142	3.2
		12/08,09/99			11.75	21.31	1,490	6.57	1.36	9.21	<1.25	364	NM
		03/15/00			9.52	23.54	4,430	26.1	<10.0	15.3	<10.0	786	1.8
		03/15/00	a		--	--	--	--	--	--	--	908	--
		06/13/00	b		22.31	10.75	262	9.52	0.584	0.535	<0.5	534	3.4
		9/19,20/00			23.15	9.91	143	1.01	<0.50	<0.50	<0.50	76	2.8
		12/14,15/00			NA	NA	181	<0.50	<0.50	0.789	<0.50	100	1.4
		3/8,9/01			23.80	9.26	370	1.78	<0.50	0.765	<0.50	76	1.6
		06/14/01			21.10	11.96	180	<0.50	<0.50	0.54	<0.50	100	2.6
		09/26/01			19.95	13.11	<50.0	<0.50	<0.50	<0.50	<0.50	210	1.8
		12/29/01			22.40	10.66	<50.0	<0.50	<0.50	<0.50	<0.50	190	2.0
		03/13/02			21.75	11.31	200	<0.50	<0.50	<0.50	<0.50	310	3.4
MW-13		03/13,15/96		35.42	10.90	24.52	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28,29/96			12.90	22.52	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28/96			13.89	21.53	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25/96			13.41	22.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			13.11	22.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			13.98	21.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			14.09	21.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		11/24,25/97			13.90	21.52	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		03/19,20/98			11.80	23.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
		06/04/98			12.63	22.79	<50	<0.30	<0.30	<0.30	<0.60	<10	1.3
		09/21,22/98			13.77	21.65	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
		12/14,15/98			13.28	22.14	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
		03/15,16/99	b		12.48	22.94	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.2
		06/14,15/99			Removed From Gauging and Sampling Program								
MW-14		03/13,15/96		30.46	6.63	23.83	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28/96			8.83	21.63	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28/96			9.83	20.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25/96			9.33	21.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			9.04	21.42	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			9.94	20.52	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			10.08	20.38	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		11/24,25/97			9.78	20.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
		03/19/98			7.92	22.54	<50	<0.50	<0.50	<0.50	<0.60	2.9	1.8
		06/03/98			8.52	21.94	<50	<0.50	<0.50	<0.50	<0.50	<2.5	4.1
		09/21,22/98			9.72	20.74	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.6
		12/14/98			9.15	21.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
		03/15,16/99			8.20	22.26	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.6
												<5.0	

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-14	06/14,15/99			9.54	20.92	Well Sampled Annually						
(cont.)	09/15/99			9.98	20.48	Well Sampled Annually						
	12/08,09/99			9.84	20.62	Well Sampled Annually						
	03/15/00			7.78	22.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
	06/13/00	b		9.45	21.01	Well Sampled Annually						
	9/19,20/00			9.68	20.78	Well Sampled Annually						
	12/14,15/00			9.14	21.32	Well Sampled Annually						
	3/8,9/01			8.10	22.36	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	06/14/01			9.51	20.95	Well Sampled Annually						
	09/26/01			8.96	20.50	Well Sampled Annually						
	12/29/01			7.62	22.84	Well Sampled Annually						
	03/13/02			8.56	21.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
MW-15	03/13,15/96		31.41	8.13	23.28	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96			10.30	21.11	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96			11.30	20.11	<50	<0.50	<0.50	<0.50	<0.50	5.3	NM
	11/25/96			10.83	20.58	<50	<0.50	<0.50	<0.50	<0.50	12	NM
	03/31-04/01/97			10.45	20.96	<50	<0.50	<0.50	<0.50	<0.50	7.2	NM
	06/25/97			11.39	20.02	<50	<0.50	<0.50	<0.50	<0.50	7.0	NM
	09/09,10/97			11.50	19.91	Well Inaccessible						
	11/24,25/97					Well Inaccessible						
	03/19/98			9.15	22.26	<50	<0.50	<0.50	<0.50	<0.50	5.3	2.2
	06/04/98			NM		Well Inaccessible						
	09/21,22/98			NM		Well Inaccessible						
	12/14/98			10.63	20.78	<50	<0.50	<0.50	<0.50	<0.50	46.2	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			11.26	20.13	<50	<0.5	<0.5	<0.5	<0.5	157.0	NM
	03/15/00			9.03	22.36	<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
	11/26/96			11.32	20.07	<50	<0.50	<0.50	<0.50	<0.50	68	NM
	03/31-04/01/97			11.06	20.33	<50	<0.50	<0.50	<0.50	<0.50	49	NM
	06/25/97			11.92	19.47	<50	<0.50	<0.50	<0.50	<0.50	59	NM
	09/09,10/97			12.03	19.36	<50	<0.50	<0.50	<0.50	<0.50	63	3.0
	09/09,10/97	a		--	--	--	--	--	--	--	86	--
	11/24,25/97			11.76	19.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	03/19/98			9.80	21.59	<50	<0.50	<0.50	<0.50	<0.50	8.4	3.0
	06/03/98			10.55	20.84	<50	<0.50	<0.50	<0.50	<0.50	22	1.6
	09/21,22/98			11.77	19.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.2
	12/14/98			11.20	20.19	<50	<0.50	<0.50	<0.50	<0.50	25	1.0
	03/15,16/99			10.30	21.09	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.6
	06/14,15/99			11.55	19.84	<50	<0.50	<0.50	<0.50	<0.50	3.13	3.4
	09/15/99			11.99	19.40	<50	<0.50	<0.50	<0.50	<0.50	8.70	3.8
	12/08,09/99			11.80	19.59	<50	<0.50	<0.50	<0.50	<0.50	10.1	2.4
	03/15/00			9.55	21.84	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	06/13/00	b		11.64	19.75	<50	<0.50	0.517	<0.50	0.603	6.29	1.0
	9/19,20/00			11.64	19.75	<50	<0.50	<0.50	<0.50	<0.50	5.01	2.0
	12/14,15/00			11.25	20.14	<50	<0.50	<0.50	<0.50	<0.50	6.14	2.0
	3/8,9/01			10.01	21.38	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	06/14/01			11.47	19.92	<50	<0.50	<0.50	<0.50	<0.50	2.5	2.6
	09/26/01			11.93	19.46	<50	<0.50	<0.50	<0.50	<0.50	3.8	1.8
	12/29/01			9.71	21.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/13/02			10.51	20.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
MW-17				Well Destroyed								
MW-18	03/13/96		29.70	7.53	22.17	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96			9.88	19.82	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96			10.82	18.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/26/96			10.18	19.52	<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-18	03/31-04/01/97		10.14	18.56	<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		8.96	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		10.80	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
	11/26/96		9.67	19.35	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		9.65	19.37	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		10.41	18.61	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		10.47	18.55	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	11/24,25/97		10.35	18.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.6
	03/19/98		8.67	20.35	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/03/98		9.15	19.87	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2
	09/21,22/98		10.28	18.74	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	12/14/98		9.70	19.32	<50	<0.50	<0.50	0.588	0.647	<2.0	2.4
	03/15,16/99		Well Inaccessible								
	06/14,15/99	*	Removed From Gauging and Sampling Program								
MW-20			Well Destroyed								
MW-21	03/13/96	28.72	7.58	21.14	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96		9.85	18.87	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		10.75	17.97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		10.00	18.72	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		10.03	18.69	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		10.83	17.89	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		10.90	17.82	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	11/24,25/97		10.50	18.22	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	03/19/98		9.08	19.64	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.08
	06/03/98		9.57	19.15	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.6
	09/21,22/98		10.75	17.97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.4
	12/14/98		10.11	18.61	<50	<0.50	<0.50	<0.50	<0.50	<2.0	0.6
	03/15,16/99		9.10	19.62	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
	06/14,15/99		10.58	18.14	Well Sampled Annually						
	09/15/99		10.93	17.79	Well Sampled Annually						
	12/08,09/99		10.70	18.02	Well Sampled Annually						
	03/15/00		8.95	19.77	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.3
	06/13/00 b		10.97	17.75	Well Sampled Annually						
	9/19,20/00		10.66	18.06	Well Sampled Annually						
	12/14,15/00		10.30	18.42	Well Sampled Annually						
	3/8,9/01		9.00	19.72	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.4
	06/14/01		10.40	18.32	Well Sampled Annually						
	09/26/01		10.75	17.97	Well Sampled Annually						
	12/29/01		7.86	20.86	Well Sampled Annually						
	03/13/02		9.40	19.32	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.2
MW-22	03/13/96	29.29	7.83	21.46	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		10.33	18.96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		11.28	18.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		10.61	18.68	<50	<0.50	<0.50	<0.50	<0.50	3.0	NM
	12/30/96		10.61	18.68	NA	NA	NA	NA	NA	3.3	NM
	03/31-04/01/97		10.56	18.73	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		11.51	17.78	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		11.45	17.84	<50	<0.50	<0.50	<0.50	<0.50	3.4	1.0
	11/24,25/97		11.08	18.21	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
	03/19/98		9.40	19.89	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	06/03/98		10.00	19.29	<50	<0.50	<0.50	<0.50	<0.50	0.87	3.2
	09/21,22/98		11.27	18.02	<50	<0.50	<0.50	<0.50	<0.50	2.1	2.8
	12/14/98		10.65	18.64	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.4
	03/15,16/99		9.67	19.62	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.4
	06/14,15/99		11.06	18.23	<50	<0.50	<0.50	<0.50	<0.50	5.05	1.0
	09/15/99 a		11.46	17.83	<50	<0.50	<0.50	<0.50	<0.50	49.2	1.2
	12/08,09/99		11.25	18.04	<50	<0.50	<0.50	<0.50	<0.50	17.9	1.4

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

Well Number	Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MBE (ppb)	Dissolved Oxygen (ppm)
MW-22	03/13/00		9.20	20.09	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.1
(cont.)	06/13/00 b		11.06	18.23	<50	<0.50	<0.50	<0.50	<0.50	6.85	1.0
	9/19,20/00		11.12	18.17	<50	<0.50	<0.50	<0.50	<0.50	3.18	1.8
	12/14,15/00		10.85	18.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	3/8,9/01		9.43	19.86	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
	06/14/01		10.98	18.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	09/26/01		11.41	17.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	12/29/01		8.78	20.51	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/13/02		9.86	19.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
MW-23	03/13/96	30.99	9.13	21.86	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		11.37	19.62	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		12.31	18.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		11.76	19.23	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		11.56	19.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		12.39	18.60	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		12.53	18.46	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	11/24,25/97		12.13	18.86	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	03/19/98		10.22	20.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
	06/03/98		11.03	19.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3
	09/21,22/98		12.31	18.68	<50	<0.50	0.54	1.9	<0.50	<2.5	2.2
	12/14/98		11.67	19.32	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.0
	03/15,16/99		10.82	20.17	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.6
	06/14,15/99		12.08	18.91	Well Sampled Annually						
	09/15/99		12.48	18.51	Well Sampled Annually						
	12/08,09/99		12.29	18.70	Well Sampled Annually						
	03/15/00		10.04	20.95	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	06/13/00 b		11.95	19.04	Well Sampled Annually						
	9/19,20/00		12.15	18.84	Well Sampled Annually						
	12/14,15/00		12.25	18.74	Well Sampled Annually						
	3/8,9/01		10.49	20.50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	06/14/01		11.97	19.02	Well Sampled Annually						
	09/26/01		12.40	18.59	Well Sampled Annually						
	12/29/01		10.42	20.57	Well Sampled Annually						
	03/13/02		11.01	19.98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
MW-24	03/13,15/96	34.38	10.10	24.28	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		12.25	22.13	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		13.28	21.10	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		12.71	21.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		12.50	21.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		13.38	21.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		13.46	20.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5	5.0
	11/24,25/97		13.25	21.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/19,20/98		11.32	23.06	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	06/04/98		12.00	22.38	<50	<0.30	<0.30	<0.30	<0.60	<10	0.8
	09/21,22/98		13.13	21.25	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.4
	12/14,15/98		12.53	21.85	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.2
	03/15,16/99		11.68	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
	03/16,18/99		10.78	23.34	<50	<0.50	<0.50	<0.50	<0.50	26.6	2.0
	06/14,15/99		11.97	22.15	<50	<0.50	<0.50	<0.50	<0.50	98.9	2.2
	09/15,16/1999		12.34	21.78	<50	<0.50	<0.50	<0.50	<0.50	66.4	NM
	12/08,09/99		12.25	21.87	<50	<0.50	<0.50	<0.50	<0.50	55.5	0.0
	03/15/00		10.16	23.96	<50	<0.50	<0.50	<0.50	<0.50	154	1.0
	03/15/00 a		--	--	--	--	--	--	--	206	--
	06/13/00 b		11.72	22.40	<50	<0.50	<0.50	<0.50	<0.50	77.7	1.0
	9/19,20/00		12.08	22.04	<50	1	<0.50	<0.50	<0.50	192	1.2
	12/14,15/00		11.74	22.38	<50	<0.50	<0.50	<0.50	<0.50	134	4.0
	3/8,9/01		10.53	23.59	<50	<0.50	<0.50	<0.50	<0.50	140	2.6
	06/14/01		11.95	22.17	<50	<0.50	<0.50	<0.50	<0.50	150	2.6
	09/26/01		12.22	21.90	<50	<0.50	<0.50	<0.50	<0.50	84	1.0
	12/29/01 c	33.81	10.32	23.49	73	<0.50	<0.50	1	7	94	2.2
	03/13/02		10.99	22.82	57	<0.50	<0.50	<0.50	<0.50	89	2.6
MW-26	03/13,15/96	33.71	9.38	24.33	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		11.57	22.14	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28,29/96		12.55	21.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		12.03	21.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		11.84	21.87	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		12.94	20.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

Well Number	Date Sampled		Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-2S	09/06,10/97			12.77	20.94	<50	<0.50	<0.50	<0.50	<0.50	<2.5	5.0
(cont.)	11/24,25/97			12.55	21.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.6
	03/19,20/98			10.55	23.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	06/04/98			11.22	22.49	<50	<0.30	<0.30	<0.30	<0.60	<10	2.1
	09/21,22/98			12.45	21.26	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	12/14,15/98			11.83	21.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	03/15,16/99			10.86	22.85	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
	06/14,15/99			12.17	21.54	——— Well Sampled Annually ———						
	09/15/99			12.70	21.01	——— Well Sampled Annually ———						
	12/08,09/99			12.57	21.14	——— Well Sampled Annually ———						
	03/15/00			10.50	23.21	<50	<0.50	<0.50	<0.50	<0.50	6.55	1.4
	06/13/00	b		12.20	21.51	——— Well Sampled Annually ———						
	9/19,20/00			12.36	21.33	——— Well Sampled Annually ———						
	12/14,15/00			11.88	21.83	——— Well Sampled Annually ———						
	3/8,9/01			10.78	22.93	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	06/14/01			12.17	21.54	——— Well Sampled Annually ———						
	09/26/01			12.70	21.01	——— Well Sampled Annually ———						
	12/29/01			10.41	23.30	——— Well Sampled Annually ———						
	03/13/02			11.27	22.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4

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

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

Please see certified analytical reports for laboratory notes and definitions.

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

ARCO Service Station 0606
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)		Dissolved Oxygen (ppm)
17349 VM	06/03/98	860	8.7	<0.50	0.7	8.0	38		4.9
(cont.)	07/29/98	860	20	2.1	<1.2	<1.2	27		NM
	07/29/98	--	--	--	--	--	25	c	NM
	09/21/98	200	<0.50	<0.50	<0.50	14	14		5.2
	12/14/98	254	<0.50	5.92	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

ATTACHMENT D

ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL CONFIRMATIONS

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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 - **(UNK)**

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	15
# FIELD POINTS WITH DETECTIONS	5
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA
TESTED FOR REQUIRED ANALYTES?	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	N

QA/QC FOR 8021/8260 SERIES SAMPLES

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

- BLANK SPIKE	Y
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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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 - **(UNK)**

CONF #	TITLE	QUARTER
3519617795	Third Quarter 2004 QMR Site #0608	Q3 2004

SUBMITTED BY	SUBMIT DATE	STATUS
Srijesh Thapa	10/19/2004	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	15
# FIELD POINTS WITH DETECTIONS	5
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

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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	N

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	Y

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

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

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