RO-255

URS

Alameda County
AUG 01 2003
Environmental Health

July 31, 2003

Ms. eva chu
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: Second Quarter 2003 Groundwater Monitoring and Remediation System Report
ARCO Service Station #0608
17601 Hesperian Boulevard
San Lorenzo, California
URS Project #38486167

Dear Ms. chu:

On behalf of Atlantic Richfield Company (ARCO - an affiliated company of the Group Environmental Management Company), URS Corporation (URS) is submitting the *Second Quarter 2003 Groundwater Monitoring and Remediation System 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

James F. Durkin, C. Hg.
Senior Geologist

REGISTERED GEOLOGIST
JAMES F. DURKIN
No. 759
CERTIFIED HYDROGEOLOGIST
Exp. 2/28/05
STATE OF CALIFORNIA

Enclosure: Second Quarter 2003 Groundwater Monitoring and Remediation System Report

cc: Mr. Paul Supple, ARCO, P.O. Box 6549, Moraga, CA 94549
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
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REPORT

SECOND QUARTER 2003 GROUNDWATER MONITORING AND REMEDIATION SYSTEM

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

Prepared for
Atlantic Richfield Company

July 31, 2003

URS

URS Corporation
500 12th Street, Suite 200
Oakland, California 94607

38486167

Date: July 31, 2003

Quarter: 2Q 03

ARCO QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM REPORT

Facility No.: 608 Address: 17601 Hesperian Boulevard, San Lorenzo, California

Atlantic Richfield Co. Environmental Engineer: Paul Supple

Consulting Co./Contact Person: URS Corporation/Scott Robinson

Consultant Project No.: 38486167

Primary Agency: Alameda County Health Care Services (ACHCSA)

WORK PERFORMED THIS QUARTER (Second – 2003):

1. Performed second quarter 2003 groundwater monitoring event on June 30, 2003.
2. Prepared and submitted first quarter 2003 groundwater monitoring and remediation report.
3. Continued monthly payments to homeowners for not using domestic irrigation wells.
4. Continued homeowner quarterly monitoring result notification program.
5. Continued operation and maintenance of the groundwater extraction and treatment (GWET) system.
6. Submitted monthly flow data to Oro Loma Sanitary District.
7. System shutdown reported on May 22, 2003, due to utility outage. Restarted system and performed May monthly sampling on May 30, 2003.

WORK PROPOSED FOR NEXT QUARTER (Third – 2003):

1. Prepare and submit second quarter 2003 groundwater monitoring and remediation report.
2. Perform third quarter 2003 groundwater monitoring event.
3. Continue operation, maintenance and performance monitoring of GWET system.
4. Continue monthly payments to homeowners for not using domestic irrigation wells.
5. Continue homeowner quarterly monitoring result notification program.
6. Submit monthly flow data to Oro Loma Sanitary District.
7. Carbon change-out scheduled for July 24, 2003.
8. Renew Oro Loma Sanitary District discharge permit.

Current Phase of Project:	GW monitoring/sampling/remediation
Frequency of Groundwater Sampling:	See Table 1
Frequency of Groundwater Monitoring:	See Table 1
Is Free Product (FP) Present On-Site:	No
FP Recovered this Quarter	None
Current Remediation Techniques:	GWET
Approximate Depth to Groundwater:	9.05 (MW-14) to 11.62 (MW-5) feet

Groundwater Gradient (direction):	West-Southwest		
Groundwater Gradient (magnitude):	0.001 feet per foot		
Frequency of GWET System Lab Sampling:	Monthly		
Frequency of GWET System Field Monitoring:	Bi-weekly		
System Restart:	06/05/2000; 05/30/2003 due to utility outage		
Extraction Well:	E-1A		
Permits for Discharge:	Oro Loma Sanitary District Permit No. SDP-037 Expires 08/05/2003		
Gallons of Groundwater Treated and Discharge for this Quarter:	181,317		
Total Gallons of Groundwater Treated and Discharged to Date:	6,603,433		
Total Operation Hours to Date:	49,896		
Mass Removal (pounds):	Quarterly	Cumulative	
TPH-g:	0.14	7.22	
Benzene:	0.000	0.31	
MTBE:	0.05	2.59	
GWET System Samples Collection Dates and Effluent Results (µg/L)::	04/24/2003	05/30/2003	06/19/2003
TPH-g:	ND<50	ND<50	ND<50
Benzene:	ND<0.50	ND<0.50	ND<0.50
MTBE:	ND<0.50	ND<0.50	ND<2.5

DISCUSSION:

TPH-g was detected in two of the seven wells sampled this quarter at concentrations of 91 µg/L (MW-5) and 140 µg/L (E-1A). Benzene was not detected in any of the wells sampled this quarter. MTBE was detected in six wells at concentrations ranging from 12 µg/L (MW-15) to 750 µg/L (MW-10). TBA was detected in MW-5 at a concentration of 22 µg/L. TAME was detected in five wells at concentrations ranging from 0.85 µg/L (MW-8) to 81 µg/L (MW-25).

Domestic irrigation wells 17302VM and 17371VM were not sampled because the owners were not home to grant access and the wells are not operational. Domestic irrigation wells 17197VM and 17349VM were not sampled, as the wells have been abandoned. Domestic irrigation wells 634H, 642H, 675H, 17203VM, 17372VM and 17348VE were not sampled because residents were not home to grant access to the wells or access was denied. As a result, none of the domestic wells were sampled this quarter. The property owners are currently under no obligation to allow access to their domestic wells.

From March 27, 2003 to June 19, 2003, the system operated 88 percent of the time. The system shutdown in May due to a power outage and was restarted on May 30, 2003. During this time period a total of 181,317 gallons of

groundwater were treated. Performance data and laboratory analytical data are listed in Tables 6 and 7.

Last quarter, URS recommended reducing the sampling frequency of wells MW-9, MW-11, MW-16, and MW-22 from quarterly to annually due to the consistently low to non-detect values for the constituents of concern. These wells, with the exception of MW-11, were changed to annual sampling.

ATTACHMENTS:

- Table 1 – Groundwater Sampling Schedule
- Table 2 – Groundwater Analytical Data – Domestic Irrigation Wells
- Table 3 – Groundwater Elevation and Analytical Data – Groundwater Monitoring Wells
- Table 4 – Groundwater Flow Direction and Gradient
- Table 5 – Fuel Oxygenate Analytical Data
- Table 6 – Groundwater Extraction System Performance Data
- Table 7 – Treatment System Analytical Data
- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – June 30, 2003
- Figure 2 – Groundwater Extraction System Mass Removal Trend TPH-g and Benzene
- Figure 3 – Groundwater Extraction System Concentration Trend TPH-g and Benzene
- Figure 4 – Groundwater Extraction System Mass Removal Trend MTBE
- Figure 5 – Groundwater Extraction System Concentration Trend MTBE
- 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 – EDCC Report and EDF/Geowell Submittal Confirmation

Table 1
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	a	a	a	a	Quarterly
MW-7	----------Removed from Program----------				
MW-8	a	a	a	a	Quarterly
MW-9	a	a	a	a	Quarterly
MW-10	a	a	a	a	Quarterly
MW-11	a	a	a	a	Quarterly
E-1A	a	a	a	a	Quarterly
MW-13	----------Removed from Program----------				
MW-14	a				Annually (March)
MW-15	a	a	a	a	Quarterly
MW-16	a	a	a	a	Quarterly
MW-17	----------Destroyed----------				
MW-18	a				Annually (March)
MW-19	----------Removed from Program----------				
MW-20	----------Destroyed----------				
MW-21	a				Annually (March)
MW-22	a	a	a	a	Quarterly
MW-23	a				Annually (March)
MW-24	----------Removed from Program----------				
MW-25	a	a	a	a	Quarterly
MW-26	a				Annually (March)

Table 1
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
Domestic Irrigation Wells					
590H	----------Destroyed----------				
633H	----------Destroyed----------				
634H	a	a	a	a	Quarterly
642H	a	a	a	a	Quarterly
675H	a	a	a	a	Quarterly
17197 VM	----------Destroyed----------				
17200 VM	----------Destroyed----------				
17203 VM	a	a	a	a	Quarterly
17302 VM	a	a	a	a	Quarterly
17348 VE	a	a	a	a	Quarterly
17349 VM	----------Destroyed----------				
17371 VM	a	a	a	a	Quarterly
17372 VM	a	a	a	a	Quarterly
17393 VM	----------Destroyed----------				

a. Beginning first quarter 2003, samples analyzed for TPH-g, BTEX compounds, and MTBE by EPA Method 8260B.

Table 2

Groundwater Analytical Data - Domestic Irrigation Wells

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, California

Well Number	Date Sampled	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
634 H	03/13/02	NS	NS	NS	NS	NS	NS
	06/28/02	NS	NS	NS	NS	NS	NS
	09/20/02	NS	NS	NS	NS	NS	NS
	12/30/02	NS	NS	NS	NS	NS	NS
	03/27/03	NS	NS	NS	NS	NS	NS
	06/30/03	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
642 H	03/13/02	NS	NS	NS	NS	NS	NS
	06/28/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	09/20/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	12/30/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	03/27/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	06/30/03	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
675 H	03/13/02	NS	NS	NS	NS	NS	NS
	06/28/02	NS	NS	NS	NS	NS	NS
	09/20/02	NS	NS	NS	NS	NS	NS
	12/30/02	NS	NS	NS	NS	NS	NS
	03/27/03	NS	NS	NS	NS	NS	NS
	06/30/03	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
17197 VM	03/13/02	NS	NS	NS	NS	NS	NS
	06/28/02	NS	NS	NS	NS	NS	NS
	09/20/02	NS	NS	NS	NS	NS	NS
	12/30/02	NS	NS	NS	NS	NS	NS
	03/27/03	NS	NS	NS	NS	NS	NS
	06/30/03	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**

Table 2

Groundwater Analytical Data - Domestic Irrigation Wells

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, California

Well Number	Date Sampled	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
17203 VM	03/13/02	NS	NS	NS	NS	NS	NS
	06/28/02	NS	NS	NS	NS	NS	NS
	09/20/02	NS	NS	NS	NS	NS	NS
	12/30/02	NS	NS	NS	NS	NS	NS
	03/27/03	NS	NS	NS	NS	NS	NS
	06/30/03	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
17302 VM	03/13/02	NS	NS	NS	NS	NS	NS
	06/28/02	NS	NS	NS	NS	NS	NS
	09/20/02	NS	NS	NS	NS	NS	NS
	12/30/02	NS	NS	NS	NS	NS	NS
	03/27/03	NS	NS	NS	NS	NS	NS
	06/30/03	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
17348 VE	03/13/02	NS	NS	NS	NS	NS	NS
	06/28/02	NS	NS	NS	NS	NS	NS
	09/20/02	NS	NS	NS	NS	NS	NS
	12/30/02	NS	NS	NS	NS	NS	NS
	03/27/03	NS	NS	NS	NS	NS	NS
	06/30/03	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
17349 VM	03/13/02	ND<50	1	ND<0.50	ND<0.50	ND<0.50	49
	06/28/02	66	0.50	ND<0.50	ND<0.50	ND<0.50	45(47)[a]
	09/20/02	NS	NS	NS	NS	NS	NS
	12/30/02	NS	NS	NS	NS	NS	NS
	03/27/03	NS	NS	NS	NS	NS	NS
	06/30/03	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**

Table 2

Groundwater Analytical Data - Domestic Irrigation Wells

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, California

Well Number	Date Sampled	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
17371 VM	03/13/02	NS	NS	NS	NS	NS	NS
	06/28/02	NS	NS	NS	NS	NS	NS
	09/20/02	NS	NS	NS	NS	NS	NS
	12/30/02	NS	NS	NS	NS	NS	NS
	03/27/03	NS	NS	NS	NS	NS	NS
	06/30/03	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**
17372 VM	03/13/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	06/28/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	09/20/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	12/30/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	03/27/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	06/30/03	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**

Table 2
Groundwater Analytical Data - Domestic Irrigation Wells

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

Note:	Samples analyzed by EPA Method 8260B. Prior to March 27, 2003 samples analyzed for benzene, toluene, ethyl benzene, and total xylenes using EPA Method 8021B.
	Tert-butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl tert-butyl (ETBE), and tert-amyl methyl ether (TAME) were not detected at or above the specified laboratory method detection limit in any of the groundwater samples analyzed.
TPH-g	= Total petroleum hydrocarbons as gasoline analyzed.
MTBE	= Methyl tertiary butyl ether
µg/L	= Micrograms per liter
ND<	= Not detected at or above specified laboratory method detection limit
a	= MTBE confirmed by EPA Method 8260B
Source:	The data within this table collected prior to June 2002 was provided to URS by Group Environmental Management Company and their previous consultants. URS has not verified the accuracy of this information.

Table 3

Groundwater Elevation and Analytical Data - Groundwater Monitoring Wells

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, California

Well Number	Date Sampled		Casing Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-5	03/13/02		33.99	11.46	22.53	530	ND<2.5	ND<2.5	ND<2.5	ND<2.5	230
	06/28/02			11.75	22.24	180[b]	ND<1.0	2.6	ND<1.0	1.2	230
	09/20/02			12.15	21.84	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.50	333
	12/30/02			9.73	24.26	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	03/27/03			11.24	22.75	100	ND<0.50	ND<0.50	ND<0.50	ND<0.50	59
	06/30/03	**P**		**11.62**	**22.37**	**91**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**58**
MW-8	03/13/02		32.79	10.30	22.49	500	ND<2.5	ND<2.5	ND<2.5	ND<2.5	1,100
	06/28/02			10.30	22.49	150[b]	ND<0.50	2.9	0.54	1.5	130
	09/20/02			10.84	21.95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.50	273
	12/30/02			8.31	24.48	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.5
	03/27/03			9.85	22.94	63	ND<0.50	ND<0.50	ND<0.50	ND<0.50	33
	06/30/03	**P**		**10.20**	**22.59**	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**15**
MW-9	03/13/02		32.11	9.49	22.62	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	06/28/02			9.78	22.33	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	09/20/02			10.29	21.82	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.50	ND<0.500
	12/30/02			7.60	24.51	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	03/27/03			9.14	22.97	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	06/30/03			**9.64**[1]	**22.47**	**----------Well Sampled Annually----------**					
MW-10	03/13/02		31.67	9.68	21.99	680	ND<5.0	ND<5.0	ND<5.0	ND<5.0	570
	06/28/02			9.84	21.83	820[b]	ND<2.0	ND<2.0	ND<2.0	ND<2.0	1,200
	09/20/02			10.37	21.30	194	ND<0.50	ND<0.50	ND<0.50	ND<1.50	575
	12/30/02			7.70	23.97	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	490
	03/27/03			9.33	22.34	530	ND<5.0	ND<5.0	ND<5.0	ND<5.0	330
	06/30/03	**P**		**9.75**	**21.92**	**ND<1,000**	**ND<10**	**ND<10**	**ND<10**	**ND<10**	**750**

Table 3

Groundwater Elevation and Analytical Data - Groundwater Monitoring Wells

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, California

Well Number	Date Sampled		Casing Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-11	03/13/02		32.54	10.38	22.16	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	06/28/02			10.74	21.80	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	09/20/02			11.27	21.27	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.50	ND<0.500
	12/30/02			8.73	23.81	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	03/27/03			10.25	22.29	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	06/30/03	**P**		**10.65**	**21.89**	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**
E-1A	03/13/02		33.06	21.75	11.31	200	ND<0.50	ND<0.50	ND<0.50	ND<0.50	310
(MW-12)	06/28/02			11.22	21.84	260[b]	ND<0.50	11	1.2	1.2	150
	09/20/02			11.80	21.26	250	1.18	0.520	ND<0.5	ND<1.5	218
	12/30/02			16.33	16.73	190 [c,e]	ND<1.2 [e]	ND<1.2 [e]	ND<1.2 [e]	ND<1.2 [e]	190 [e]
	03/27/03			13.63 [g]	19.43	96	ND<0.50	ND<0.50	ND<0.50	ND<0.50	60
	06/30/03	**P**		**9.60 [h]**	**23.46**	**140**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**37**
MW-14	03/13/02		30.46	8.56	21.90	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	06/28/02			9.12	21.34	----------Well Sampled Annually----------					
	09/20/02			9.79	20.67	----------Well Sampled Annually----------					
	12/30/02			7.13	23.33	----------Well Sampled Annually----------					
	03/27/03			8.53	21.93	ND<50	ND<0.50	0.86	ND<0.50	ND<0.50	ND<0.50
	06/30/03			**9.05**	**21.41**	**----------Well Sampled Annually----------**					
MW-15	03/13/02		31.41	10.03	21.38	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	21
	06/28/02			10.41	21.00	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8.7
	09/20/02			11.00	20.41	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.50	21.6
	12/30/02			8.33	23.08	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	67
	03/27/03			9.83	21.58	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17
	06/30/03	**P**		**10.00**	**21.41**	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**12**

Table 3

Groundwater Elevation and Analytical Data - Groundwater Monitoring Wells

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, California

Well Number	Date Sampled	Casing Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-16	03/13/02	31.39	10.51	20.88	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	06/28/02		10.96	20.43	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	09/20/02		10.47	20.92	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.50	1.67
	12/30/02		NM		Well not sampled - Car Parked on Well					
	03/27/03		10.28	21.11	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	06/30/03		**10.87**[1]	**20.52**	**----------Well Sampled Annually----------**					
MW-18	03/13/02	29.70	9.46	20.24	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	06/28/02		10.05	19.65	----------Well Sampled Annually----------					
	09/20/02		10.67	19.03	----------Well Sampled Annually----------					
	12/30/02		7.98	21.72	----------Well Sampled Annually----------					
	03/27/03		9.18	20.52	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	06/30/03		**9.68**	**20.02**	**----------Well Sampled Annually----------**					
MW-21	03/13/02	28.72	9.40	19.32	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0
	06/28/02		9.80	18.92	----------Well Sampled Annually----------					
	09/20/02		10.27	18.45	----------Well Sampled Annually----------					
	12/30/02		7.70	21.02	----------Well Sampled Annually----------					
	03/27/03		9.05	19.67	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	06/30/03		**9.48**	**19.24**	**----------Well Sampled Annually----------**					
MW-22	03/13/02	29.29	9.86	19.43	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	06/28/02		10.65	18.64	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	09/20/02		11.05	18.24	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.50	ND<0.500
	12/30/02		8.28	21.01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	03/27/03		9.85	19.44	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	06/30/03		**10.20**[1]	**19.09**	**----------Well Sampled Annually----------**					

Table 3

Groundwater Elevation and Analytical Data - Groundwater Monitoring Wells

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, California

Well Number	Date Sampled		Casing Elevation (feet, MSL)	Depth to Water (feet, TOC)	Groundwater Elevation (feet, MSL)	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-23	03/13/02		30.99	11.01	19.98	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	06/28/02			11.59	19.40	----------Well Sampled Annually----------					
	09/20/02			12.00	18.99	----------Well Sampled Annually----------					
	12/30/02			9.42	21.57	----------Well Sampled Annually----------					
	03/27/03			11.00	19.99	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	06/30/03			**11.47**	**19.52**	**----------Well Sampled Annually----------**					
MW-25	03/13/02		33.81	10.99	22.82	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	06/28/02			11.26	22.55	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	36
	09/20/02			11.65	22.16	117	ND<0.50	ND<0.50	ND<0.50	ND<1.50	259
	12/30/02			9.33	24.48	95 [d]	13	ND<0.50	ND<0.50	ND<0.50	98 [f]
	03/27/03			10.82	22.99	150	ND<0.50	ND<0.50	ND<0.50	ND<0.50	90
	06/30/03	**P**		**11.20**	**22.61**	**ND<500**	**ND<5.0**	**ND<5.0**	**ND<5.0**	**ND<5.0**	**130**
MW-26	03/13/02		33.71	11.27	22.44	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5
	06/28/02			11.70	22.01	----------Well Sampled Annually----------					
	09/20/02			12.10	21.61	----------Well Sampled Annually----------					
	12/30/02			9.60	24.11	----------Well Sampled Annually----------					
	03/27/03			11.15	22.56	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	06/30/03			**11.61**	**22.10**	**----------Well Sampled Annually----------**					

Table 3
Groundwater Elevation and Analytical Data - Groundwater Monitoring Wells

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

Note:	Samples analyzed by EPA Method 8260B. Prior to March 27, 2003 TPH-g was analyzed by EPA Method 8015; benzene, toluene, ethyl benzene, total xylenes and MTBE were analyzed by EPA Method 8021B.
TPH	= Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015, Modified
MTBE	= Methyl tertiary butyl ether
µg/L	= Micrograms per liter
P	= Purged
NP	=Not Purged
MSL	= Mean sea level
TOC	= Top of casing
ND<	= Not detected at or above specified laboratory method detection limit
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.
Source:	The data within this table collected prior to June 2002 was provided to URS by Group Environmental Management Company and their previous consultants. URS has not verified the accuracy of this information.

Table 4

Groundwater Flow Direction and Gradient

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, California

Date Measured	Average Flow Direction	Average Hydraulic Gradient
06-28-02	West	0.003
09-20-02	West	0.002
12-30-02	West	0.003
03-27-03	West	0.002
06-30-03	**West-Southwest**	**0.001**

Table 5
Fuel Oxygenate Analytical Data

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

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)
MW-5	03/27/03	ND<100	24	59	ND<0.50	ND<0.50	2.2	NA	NA
MW-5	**06/30/03**	**ND<100**	**22**	**58**	**ND<0.50**	**ND<0.50**	**2.1**	**ND<0.50**	**ND<0.50**
MW-8	03/27/03	ND<100	ND<20	33	ND<0.50	ND<0.50	0.53	NA	NA
MW-8	**06/30/03**	**ND<100**	**ND<20**	**15**	**ND<0.50**	**ND<0.50**	**0.85**	**ND<0.50**	**ND<0.50**
MW-9	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
MW-10	03/27/03	ND<1,000	ND<200	330	ND<5.0	ND<5.0	15	NA	NA
MW-10	**06/30/03**	**ND<2,000**	**ND<400**	**750**	**ND<10**	**ND<10**	**28**	**ND<10**	**ND<10**
MW-11	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
MW-11	**06/30/03**	**ND<100**	**ND<20**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**
E-1A[1]	03/27/03	ND<100	ND<20	60	ND<0.50	ND<0.50	2.3	NA	NA
E-1A[1]	**06/30/03**	**ND<100**	**ND<20**	**37**	**ND<0.50**	**ND<0.50**	**1.6**	**ND<0.50**	**ND<0.50**
MW-14	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
MW-15	03/27/03	ND<100	ND<20	17	ND<0.50	ND<0.50	ND<0.50	NA	NA
MW-15	**06/30/03**	**ND<100**	**ND<20**	**12**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**
MW-16	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
MW-18	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
MW-21	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
MW-22	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
MW-23	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
MW-25	03/27/03	ND<100	ND<20	90	ND<0.50	ND<0.50	40	NA	NA
MW-25	**06/30/03**	**ND<1,000**	**ND<200**	**130**	**ND<5.0**	**ND<5.0**	**81**	**ND<5.0**	**ND<5.0**
MW-26	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
642 H	3/27/2003	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA
17372 VM	3/27/2003	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NA	NA

Table 5

Fuel Oxygenate Analytical Data

ARCO Service Station #0608

17601 Hesperian Boulevard, San Lorenzo, California

Note:

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
ND<	= Not detected above laboratory reporting limits.
mg/L	= micrograms per liter
[1]	= Previously named MW-12

Table 6
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)	TPH-g Influent Concentration (µg/L)	TPH-g Net Removed (pounds)	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	96	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	52,532	39,688	13.0	ND	N/A	0.00	0.52	0.000	0.00	N/A	N/A	N/A	0.0
12/19/91	322	62	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	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	485,200	201,911	4.1	370	0.31	0.31	14	0.012	0.01	N/A	N/A	N/A	0.4
03/17/92	2,462	0	662,847	177,647	4.5	160	0.39	0.70	18	0.024	0.04	N/A	N/A	N/A	0.9
04/15/92	3,150	1	851,100	188,253	4.6	200	0.28	0.99	11	0.023	0.06	N/A	N/A	N/A	1.2
05/14/92	3,849	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	1,229,960	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	52	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	1,651,623	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	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	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	1,915,165	50,865	2.9	100	0.04	1.27	13	0.004	0.10	N/A	N/A	N/A	1.6
02/22/93	9,607	0	2,096,930	181,765	3.7	480	0.44	1.71	36	0.037	0.13	N/A	N/A	N/A	2.1
03/15/93	10,113	0	2,205,833	108,903	3.6	310	0.36	2.07	29	0.030	0.16	N/A	N/A	N/A	2.6
04/09/93	10,517	33	2,298,770	92,937	3.8	140	0.17	2.25	11	0.015	0.18	N/A	N/A	N/A	2.8
05/13/93	11,211	15	2,449,160	150,390	3.6	530	0.42	2.67	27	0.024	0.20	N/A	N/A	N/A	3.3
06/04/93	11,734	1	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	2,689,697	146,197	2.9	200	0.23	3.17	12	0.010	0.22	N/A	N/A	N/A	4.0
08/16/93	13,219	0	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	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	1	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	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	3,113,565	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	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	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

Table 6
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)	TPH-g Influent Concentration (µg/L)	TPH-g Net Removed (pounds)	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 (%)	
03/15/94	18,235	7	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	31	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	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	3,518,608	a	39,698		2.0	230	0.08	3.71	12	0.003	0.25	N/A	N/A	N/A	4.6	
07/14/94	20,145	35	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	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	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	1	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	280,840		68,960		1.7	ND	0.00	3.93	0.66	0.000	0.26	N/A	N/A	N/A	4.9	
12/05/94	23,489	15	325,830		44,990		1.8	470	0.09	3.99	32	0.006	0.27	N/A	N/A	N/A	5.0	
01/04/95	24,205	1	408,740		82,910		1.9	ND	0.16	4.15	1.1	0.011	0.28	N/A	N/A	N/A	5.2	
02/06/95	24,926	9	499,690		90,950		2.1	100	0.04	4.19	2.4	0.001	0.28	N/A	N/A	N/A	5.2	
03/02/95	25,465	6	569,180		69,490		2.1	ND	0.03	4.22	ND	0.001	0.28	N/A	N/A	N/A	5.3	
04/04/95	26,253	1	672,510		103,330		2.2	290	0.12	4.34	6.6	0.003	0.28	N/A	N/A	N/A	5.4	
05/02/95	26,924	0	760,350		87,840		2.2	240	0.19	4.54	7.1	0.005	0.29	N/A	N/A	N/A	5.7	
06/05/95	27,721	2	848,810		88,460		1.9	ND	0.09	4.62	ND	0.003	0.29	N/A	N/A	N/A	5.8	f
07/06/95	28,464	0	921,260		72,450		1.6	270	0.08	4.71	2.4	0.001	0.29	N/A	N/A	N/A	N/A	g
08/21/95	d 29,568	0	993,320		72,060		1.1	230	0.15	4.86	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	4.86	7.2	N/A	0.29	361	N/A	0.00	N/A	g
06/05/00	29,593	0	979,800		3,200		2.1	700	0.02	4.88	7.2	0.000	0.29	361	0.01	0.01	N/A	g
07/08/00	30,352	4	1,131,560		151,760		3.3	133	0.53	5.40	5.1	0.008	0.30	272	0.40	0.41	N/A	g
08/07/00	30,955	16	1,228,240		96,680		2.7	144	0.11	5.51	2.8	0.003	0.30	126	0.16	0.57	N/A	g
09/08/00	31,528	25	1,306,300		78,060		2.3	261	0.13	5.65	2.7	0.002	0.30	120	0.08	0.65	N/A	g
10/10/00	32,230	9	1,393,820		87,520		2.1	114	0.14	5.78	ND	0.001	0.31	ND	0.04	0.69	N/A	g
11/07/00	32,880	3	1,472,930		79,110		2.0	128	0.08	5.86	ND	0.000	0.31	98.6	0.03	0.73	N/A	g
12/05/00	33,516	5	1,548,840		75,910		2.0	167	0.09	5.96	0.775	0.000	0.31	104	0.06	0.79	N/A	g
01/04/01	33,924	43	1,595,340		46,500		1.9	ND	0.03	5.99	ND	0.000	0.31	86.8	0.04	0.83	N/A	g
02/06/01	34,556	20	1,672,330		76,990		2.0	203	0.07	6.05	0.572	0.000	0.31	80.5	0.05	0.88	N/A	g
03/08/01	34,776	70	1,698,860		26,530		2.0	219	0.05	6.10	ND	0.000	0.31	81.0	0.02	0.90	N/A	g
03/24/01	35,088	19	1,741,170		42,310		2.3	NS	† 0.07	6.17	NS	† 0.000	0.31	NS	† 0.03	0.93	N/A	g
04/18/01	35,335	59	1,770,860		29,690		2.0	74.5	0.04	6.21	ND	0.000	0.31	97.5	0.02	0.95	N/A	g

Table 6
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)	TPH-g Influent Concentration (µg/L)	TPH-g Net Removed (pounds)	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 (%)	
05/04/01		35,716	0	1,812,690	41,830	1.8	63.3	0.02	6.23	ND	0.000	0.31	93.2	0.03	0.98	N/A	g
06/09/01		36,345	27	1,879,710	67,020	1.8	64	0.04	6.27	ND	0.000	0.31	71	0.05	1.03	N/A	g
07/05/01	h	36,469	80	1,897,180	17,470	2.3	100	0.01	6.28	ND	0.000	0.31	430	0.04	1.07	N/A	g
08/14/01	h	36,822	63	1,928,510	31,330	1.5	290	0.05	6.33	2.2	0.000	0.31	870	0.17	1.24	N/A	g
09/05/01		37,219	25	1,977,050	48,540	2.0	ND(100)	0.06	6.39	ND(1.0)	0.000	0.31	340	0.24	1.48	N/A	g
10/05/01		37,932	0	2,040,950	63,900	1.5	ND	0.00	6.39	ND	0.000	0.31	150	0.13	1.61	N/A	g
11/13/01		38,820	0	2,119,670	78,720	1.5	ND	0.00	6.39	ND	0.000	0.31	92	0.08	1.69	N/A	g
12/11/01		39,496	0	2,186,530	66,860	1.6	65	0.02	6.41	ND	0.000	0.31	83	0.05	1.74	N/A	g
01/04/02		40,063	0	2,248,700	62,170	1.8	ND(50)	0.02	6.43	ND	0.000	0.31	140	0.06	1.80	N/A	g
02/05/02		40,830	0	2,333,090	84,390	1.8	100	0.04	6.46	ND	0.000	0.31	190	0.12	1.91	N/A	g
03/05/02		40,968	79	2,353,460	20,370	2.5	150	0.02	6.48	ND(1.2)	0.000	0.31	350	0.05	1.96	N/A	g
04/08/02		41,735	6	2,448,360	94,900	2.1	400	0.22	6.70	9.6	0.004	0.31	260	0.24	2.20	N/A	g
05/16/02		42,642	1	2,499,320	50,960	0.9	310	0.15	6.85	ND(1.0)	0.002	0.31	330	0.13	2.33	N/A	g
05/31/02		42,832	47	2,503,380	4,060	0.4	NS $	0.00	6.85	NS $	0.000	0.31	NS $	0.00	2.33	N/A	g
08/19/02		44,925	i	2,520,289	16,909	0.1	NS $	0.00	6.85	NS $	0.000	0.31	NS $	0.00	2.33	N/A	g
10/03/02		44,956	i	2,520,582	293	0.2	NS $	0.00	6.85	NS $	0.000	0.31	NS $	0.00	2.33	N/A	g
10/07/02		44,956	i	2,522,394	1,812	N/A	160	0.00	6.86	ND(1.0)	0.000	0.31	130	0.00	2.33	N/A	g
11/07/02		0	j	2,527,925	5,531	N/A	250	0.01	6.86	ND(1.0)	0.000	0.31	210	0.01	2.34	N/A	g
12/05/02		479	29	2,528,113	188	0.0	220	0.00	6.86	ND(1.0)	0.000	0.31	110	0.00	2.34	N/A	g
01/03/03		1,174	0	2,591,359	63,246	1.5	170	0.10	6.97	ND(1.0)	0.000	0.31	140	0.07	2.40	N/A	g
02/13/03		2,156	0	2,692,710	101,351	1.72	ND(250)	0.07	7.04	ND(2.5)	0.000	0.31	66	0.09	2.49	N/A	g
03/27/03		3,165	0	2,790,668	97,958	1.62	110	0.04	7.08	ND(0.50)	0.000	0.31	71	0.06	2.55	N/A	g
04/24/03		**4,172**	**0**	**2,865,050**	**74,382**	**1.23**	**120**	**0.07**	**7.16**	**ND(0.50)**	**0.000**	**0.31**	**56**	**0.04**	**2.59**	**N/A**	**g**
05/30/03		**4,459**	**67**	**2,931,190**	**66,140**	**3.83**	**20**	**0.04**	**7.19**	**ND(5.0)**	**0.000**	**0.31**	**ND(50)**	**0.00**	**2.59**	**N/A**	**g**
06/19/03		**4,940**	**0**	**2,971,985**	**40,795**	**1.41**	**160**	**0.03**	**7.22**	**ND(5.0)**	**0.000**	**0.31**	**46**	**0.01**	**2.59**	**N/A**	**g**
REPORTING PERIOD:					**03/27/03 to 06/19/03**												
TOTAL GALLONS EXTRACTED:					**6,603,433**												
PERIOD GALLONS EXTRACTED:					**181,317**												
TOTAL POUNDS REMOVED:									**7.22**			**0.31**			**2.59**		
TOTAL GALLONS REMOVED:									**1.18**			**0.04**			**0.42**		
AVERAGE PERIOD FLOW RATE (gpm):						**2.16**											
PERIOD PERCENT OPERATIONAL:						**88%**											
PERIOD POUNDS REMOVED:									**0.14**			**0.000**			**0.05**		
PERIOD GALLONS REMOVED:									**0.02**			**0.000**			**0.01**		

Table 7
Treatment System Analytical Data

ARCO Service Station #0608
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Date Sampled	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	0.5	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	6.0	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

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Date Sampled	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.)										
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	1.0	NS	NS	NS	NA	NA
08/21/95	230	1.8	ND<0.50	1.6	0.9	NS	NS	NS	NA	NA
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	2.80	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	81.0	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	0.70	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*	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	66	NS	NS	NA	NA
3/27/03*	110	ND<0.50	ND<0.50	ND<0.50	ND<0.50	71	NS	NS	NA	NA
4/24/03*	120	ND<0.50	ND<0.50	ND<0.50	ND<0.50	56	NS	NS	NA	NA
5/30/03*	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**

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Date Sampled	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

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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	9.0	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*	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	130	NS	NS	NA	NA
3/27/03*	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	120	NS	NS	NA	NA
4/24/03*	280	ND<2.5	ND<2.5	ND<2.5	ND<2.5	110	NS	NS	NA	NA
5/30/03*	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**

Table 7
Treatment System Analytical Data

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

Date Sampled	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 teriary 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*	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.0	NS	NS	NA	NA
3/27/03*	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.94	NS	NS	NA	NA
4/24/03*	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.95	NS	NS	NA	NA
5/30/03*	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**

Table 7
Treatment System Analytical Data

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

Date Sampled	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
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

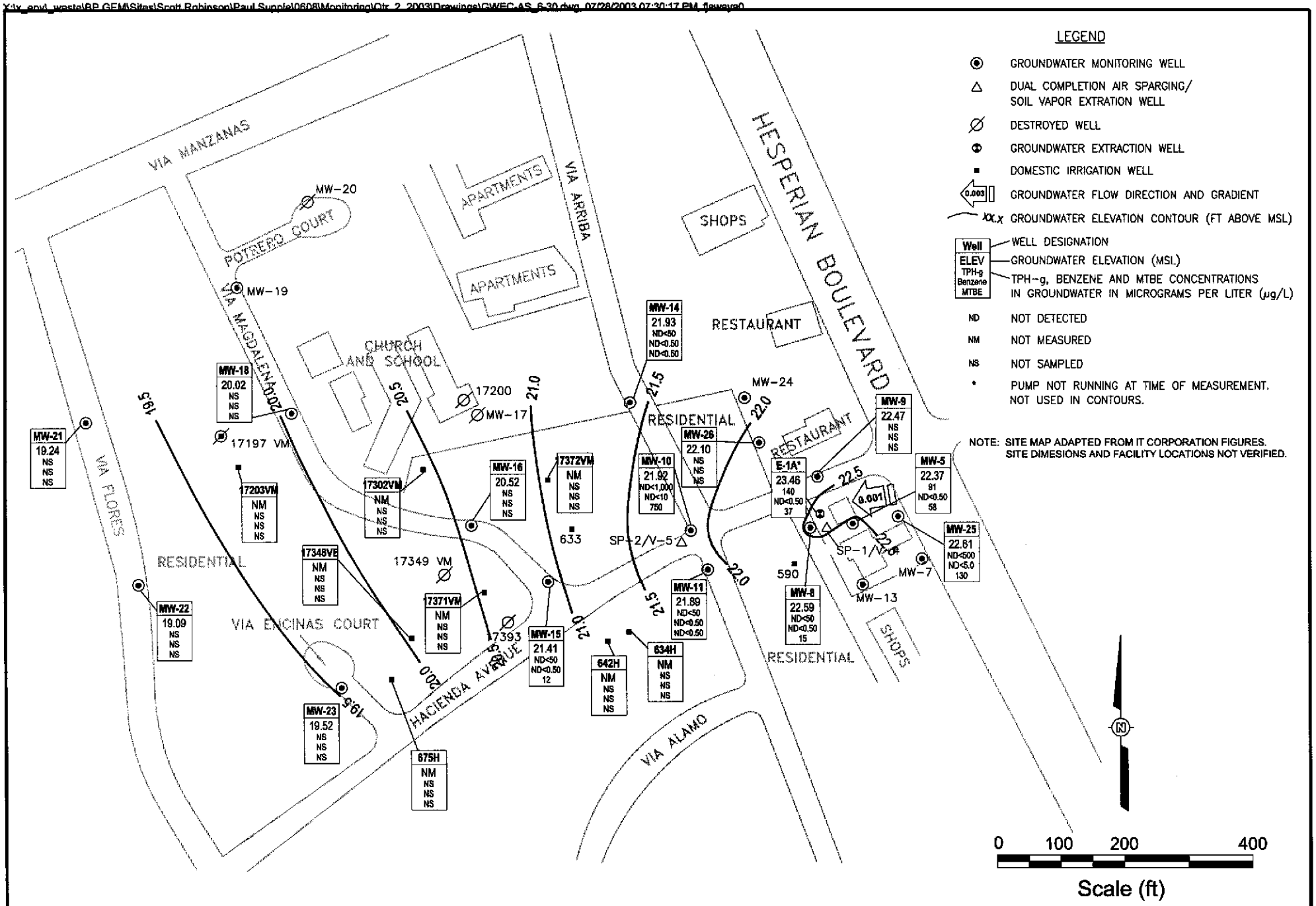
Table 7
Treatment System Analytical Data

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

Date Sampled	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.)										
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	44.0	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*	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*	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	32	ND<10	7.5	0.08
4/24/03*	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*	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**

TPH-g =Total purgeable petroleum hydrocarbons as gasoline, analyzed using EPA Method 8015B/8021B
MtBE =Methyl tert Butyl Ether, analyzed using EPA Method 8015B/8021B
COD =Chemical oxygen demand, analyzed using EPA Method 410.4
TSS =Total suspended solids, analyzed using EPA Method 160.2
DO =Dissolved Oxygen, field measurement
µg/L =Micrograms per liter
mg/L =Miligrams per liter
ND< =Denotes minimum laboratory reporting limit.
NA =Not applicable or not available
NS =Not sampled
* =Analyzed with EPA Method 8260

Note: 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.



URS	Project No. 38486167 Arco Service Station #0608 17601 Hesperian Boulevard San Lorenzo, California	Groundwater Elevation Contour and Analytical Summary Map Second Quarter 2003 (June 30, 2003)	FIGURE 1

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

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

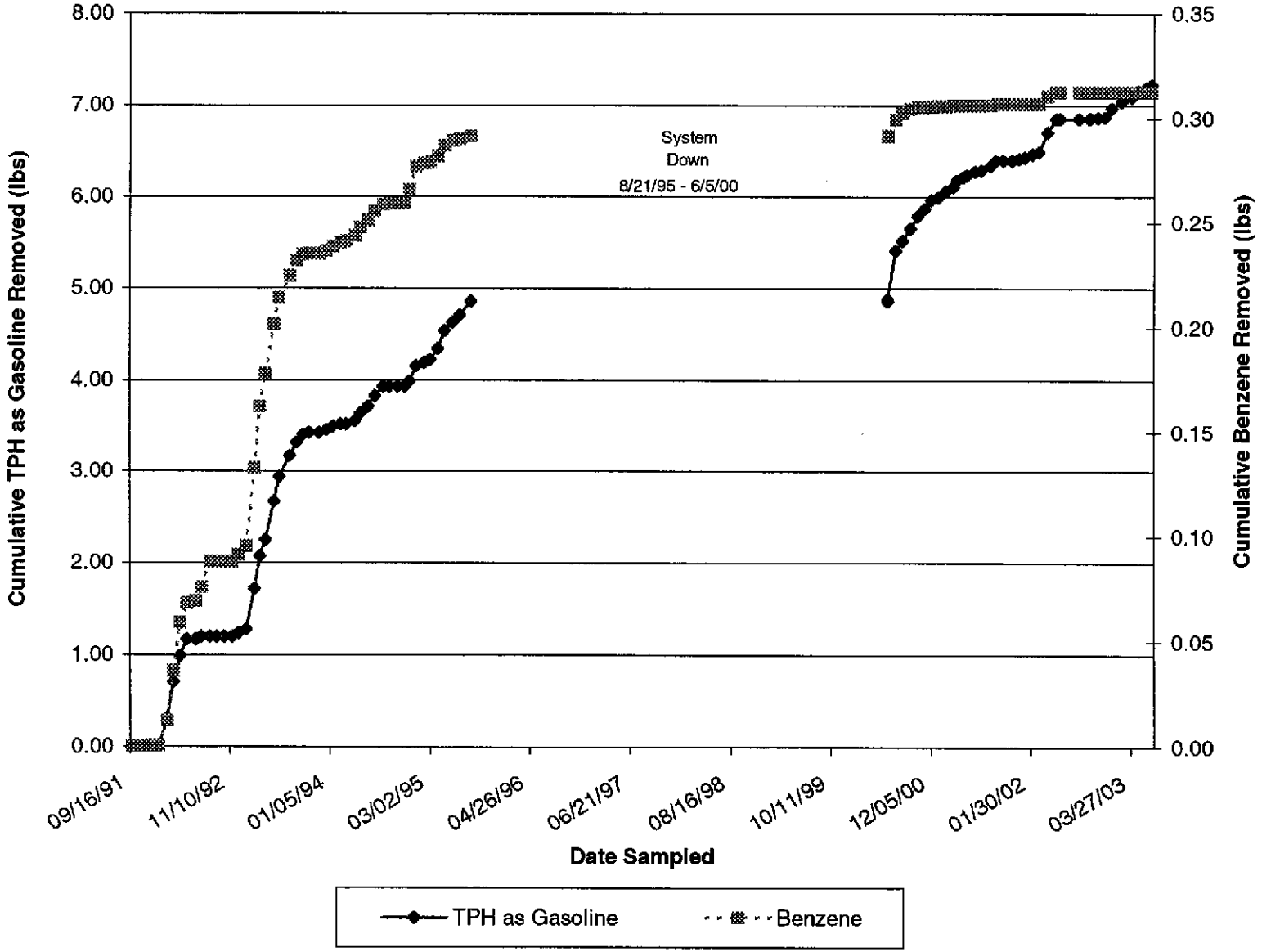


Figure 3
Groundwater Extraction System Concentration Trend
TPH-g and Benzene

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

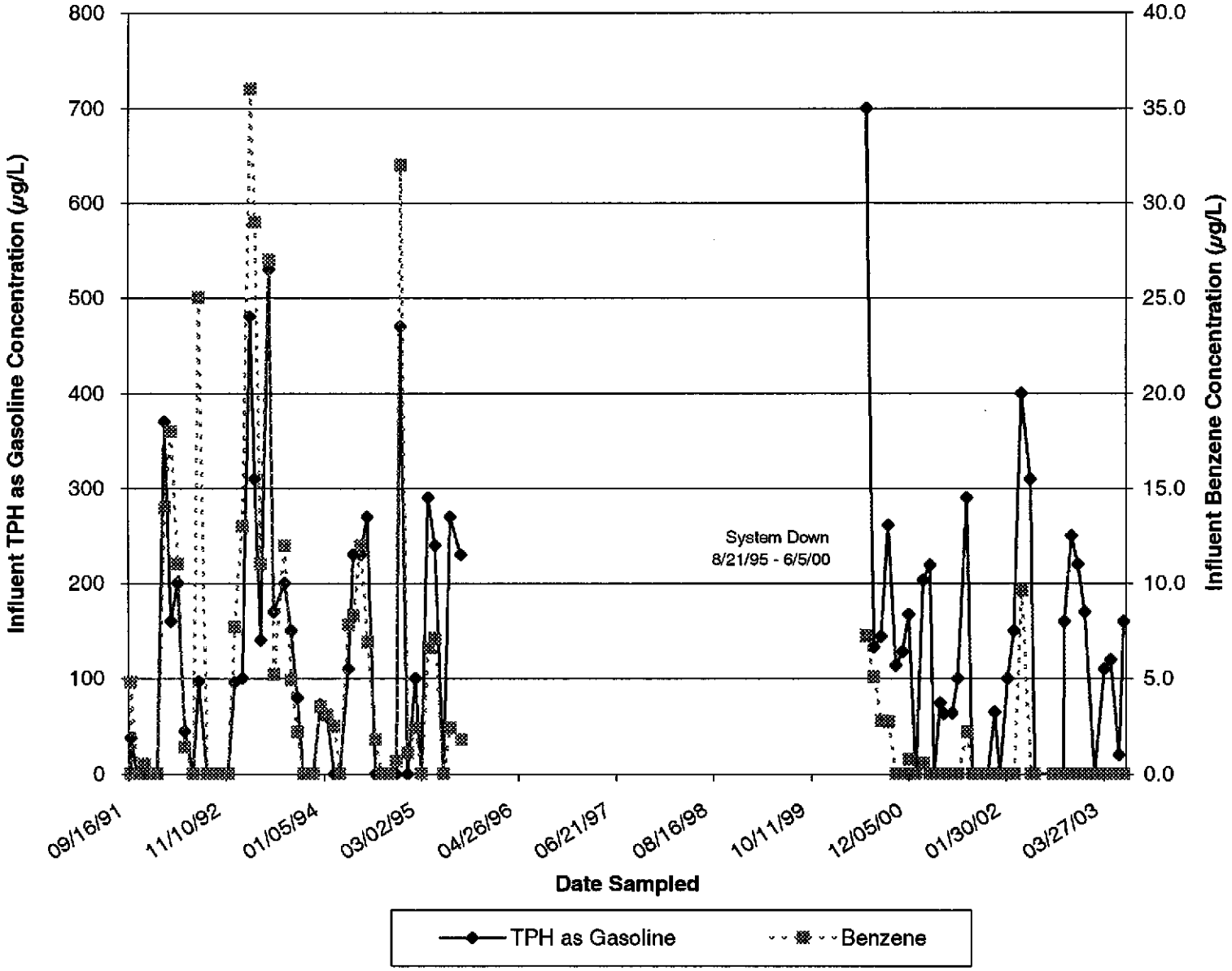


Figure 4
Groundwater Extraction System Mass Removal Trend
MtBE

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

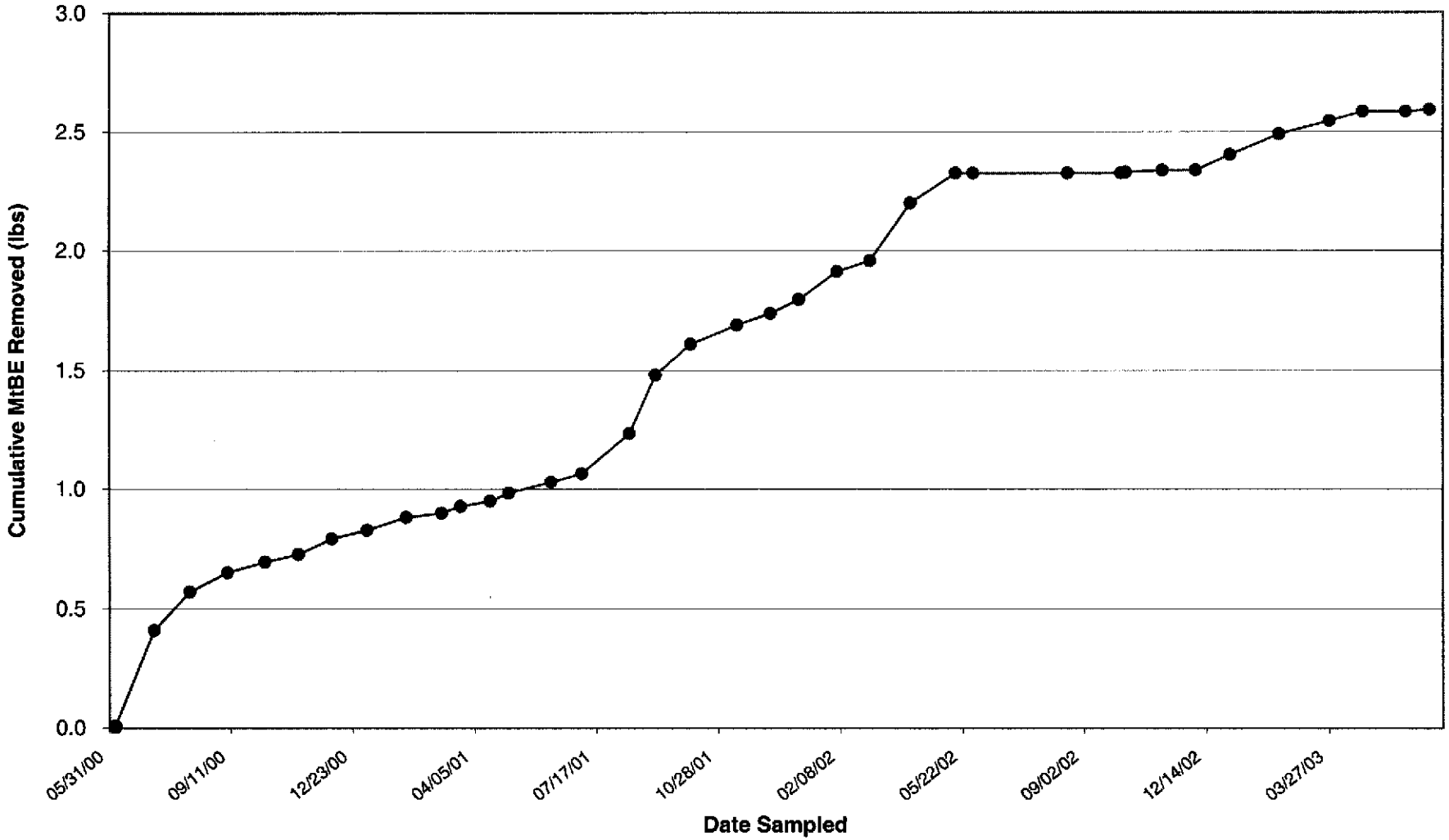
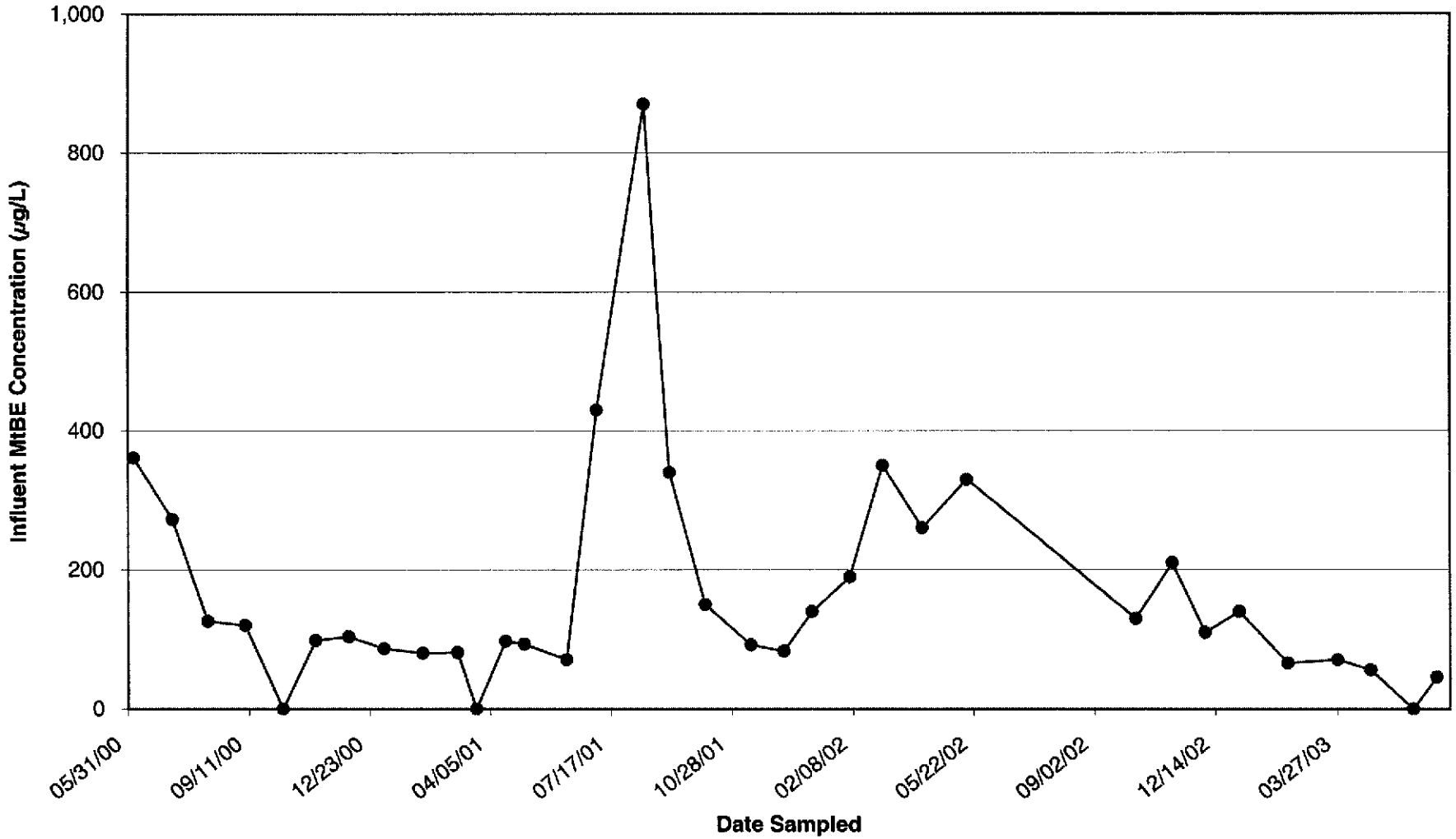


Figure 5
Groundwater Extraction System Concentration Trend
MtBE

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 # 030630-551 Date 6/30/03 Client Areo #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					11.62	13.65		
MW-8	3					10.20	20.45		
MW-9	3					9.64	18.30		GO
MW-10	3					9.75	22.45		
MW-11	3					10.65	18.74		
E-1A	6	PUMP NOT RUNNING.				9.60	—		
MW-14	3					9.05	23.00		GO
MW-15	3					10.00	23.21		
MW-16	3					10.87	23.10		GO
MW-17	3					9.68	21.55		GO
MW-21	3					9.48	21.60		GO
MW-22	3					10.20	21.50		GO
MW-23	3					11.47	21.70		GO
MW-25	2					11.20	18.50		
MW-26	2					11.61	19.45	✓	GO
~~[illegible]~~									
~~[illegible]~~									

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030630-SS1	Station # 0608
Sampler: SCOTT	Date: 6/30/03
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 13.65	Depth to Water: 11.62
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 / Middleburg / (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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1238	70.7	6.8	866	1.3	TURBID
1241	69.8	6.8	861	2.6	"
1244	69.9	6.8	868	4.0	LESS TURBID

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

Sampling Time: 1246 Sampling Date: 6/30/03

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

Analyzed for: (TPH-G BTEX MTBE TPH-D) Other: OXY'S + ETHANOL BY 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.6	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030630-SS1	Station # 0608
Sampler: SCOTT	Date: 6/30/03
Well I.D.: MW-8	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 20.95	Depth to Water: 10.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

Purge Method: Bailer / Disposable Bailer / (Middleburg) / ~~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
1300	70.0	7.00	922	4	CLEAR
1304	69.2	7.00	912	8	"
1308	69.5	7.00	904	12	"

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

Sampling Time: 1312 Sampling Date: 6/30/03

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

Analyzed for: (TPH-G BTEX) MTBE TPH-D Other: OXY'S 1,2 ETHANE BY 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.6	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030630-SS1	Station # 0008
Sampler: Scott	Date: 6/30/03
Well I.D.: MW-10	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 22.95	Depth to Water: 9.75
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 / Middleburg / (Electric Submersible) / Extraction Pump / Other: ___

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

Top of Screen: ___

pump @ 2.5 gpm

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
1322	68.9	6.9	840	5	MUD GAS ODOR / CLEAR
1324	68.7	6.9	836	10	CLEAR
1326	68.5	6.9	839	15	"

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

Sampling Time: 1330 Sampling Date: 6/30/03

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

Analyzed for: (TPH-G BTEX MTBE TPH-D) Other: OXY'S T-ETHANOL BY 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.0	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030630-SS1	Station # 0608
Sampler: Scott	Date: 6/30/03
Well I.D.: MW-11	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 18.74	Depth to Water: 10.65
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

Purge Method: Bailer / Disposable Bailer / (Middleburg) / ~~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
1055	66.4	7.5	973	3	cloudy
1059	67.8	7.4	973	6	"
1103	67.9	7.4	968	9	"

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

Sampling Time: 1107 Sampling Date: 6/30/03

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

Analyzed for: (TPH-G BTEX MTBE) TPH-D Other: OXY's + ETHANOL BY 8260

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.6	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030630-SS1	Station # 0008
Sampler: Scott	Date: 6/30/03
Well I.D.: E-1A	Well Diameter: 2 3 4 (6) 8 ___
Total Well Depth: 24.55	Depth to Water: 9.60
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

80% = 12.59

Purge Method: Bailer / Disposable Bailer / Middleburg / (Electric Submersible) / Extraction Pump / Other: ___

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

EXT. * PUMP NOT RUNNING. PURGE & SAMPLE.

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.

22 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 66 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1210	106.0	7.3	997	22	BROWN / HOT WATER
1214	WELL DEWATERED @ 24			sal.	DTW = 21.10
1230	100.0	7.2	976	—	MOBILE DTW = 12.00

Did well dewater? (Yes) No Gallons actually evacuated: 24

Sampling Time: 1230 Sampling Date: 6/30/03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: OXY'S + ETHANOL BY 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 #: 030630-SS1	Station # 0803
Sampler: Scott	Date: 6/30/03
Well I.D.: MW-15	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 23.21	Depth to Water: 10.00
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 / (Middleburg) / ~~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
1027	65.9	6.5	969	5	BROWN / CLOUDY
1031	65.0	6.6	927	10	" "
1035	65.2	6.6	926	15	ALMOST CLEAR

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

Sampling Time: 1040 Sampling Date: 6/30/03

Sample I.D.: MW-15 Laboratory: Pace (Sequoia) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: OXY'S + ETHANOL BY 8260

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	1.4	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030630-SS1	Station # 0008
Sampler: Scott	Date: 6/30/03
Well I.D.: MW-25	Well Diameter: (2) 3 4 6 8
Total Well Depth: 18.50	Depth to Water: 11.20
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

Purge Method: Bailer / (Disposable Bailer) / Middleburg / 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
1121	67.2	7.0	955	1.2	TURBID
1123	66.5	6.9	953	2.4	"
1125	66.5	6.9	956	3.6	"

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

Sampling Time: 1127 Sampling Date: 6/30/03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: OXY'S + ETHANOL BY 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 #: 030630-SS1	Station # 0008
Sampler: Scott	Date: 6/30/03
Well I.D.: 634H	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, Middleburg, Electric Submersible, Extraction Pump, Other: ___

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Other: ___

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	NO ONE HOME. UNABLE TO SAMPLE				

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date: 6/30/03

Sample I.D.: Laboratory: Pace Sequoia Other ___

Analyzed for: TPH-G BTEX MTBE TPH-D Other: OXY'S T-ETHANOL BY 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 #: 030630-SS1	Station # 0608
Sampler: SCOTT	Date: 6/30/03
Well I.D.: 642 H	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 / Middleburg / Electric Submersible / Extraction Pump / Other: ___

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

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	NO ONE HOME. UNABLE TO SAMPLE.				

Did well dewater? Yes No		Gallons actually evacuated:		
Sampling Time:		Sampling Date: 6/30/03		
Sample I.D.:		Laboratory: Pace Sequoia Other ___		
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: OXY'S + ETHANOL 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 #: 030630-SS1	Station # 0008
Sampler: SCOTT	Date: 6/30/03
Well I.D.: 6075H	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 / Middleburg / Electric Submersible / Extraction Pump / Other: _____

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

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	NO ONE HOME. UNABLE TO SAMPLE.				

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 6/30/03	
Sample I.D.:		Laboratory: Pace Sequoia Other_____	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other: OXY'S + ETHANOL BY 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 #: 030630-SS1	Station # 0008
Sampler: Scott	Date: 6/30/03
Well I.D.: 7197 VM	Well Diameter: 2 3 4 6 8 ____
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: _____

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

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	WELL IS ABANDONED.				

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 6/30/03	
Sample I.D.:		Laboratory: Pace Sequoia Other_____	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other: OXY's + ETHANOL BY 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 #: 030630-SS1	Station # 0608
Sampler: Scott	Date: 6/30/03
Well I.D.: 17203 VM	Well Diameter: 2 3 4 6 8 ___
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: _____

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

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	DENIED	ACCESS.			

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 6/30/03	
Sample I.D.:		Laboratory: Pace Sequoia Other _____	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other: OXY'S + ETHANOL BY 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 #: 030630-SS1	Station # 0608
Sampler: Scott	Date: 6/30/03
Well I.D.: 17302 VM	Well Diameter: 2 3 4 6 8 ____
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: _____

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

Top of Screen: _____

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	NO ONE HOME. PUMP NOT FUNCTIONING PER SCOPE.				

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 6/30/03	
Sample I.D.:		Laboratory: Pace Sequoia Other_____	
Analyzed for: TPH-G BTEX MTBE TPH-D		Other: OXY'S + ETHANOL BY 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 #: 030630-SS1	Station # 0008
Sampler: Scott	Date: 6/30/03
Well I.D.: 7349VM	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 / Middleburg / Electric Submersible / Extraction Pump / Other: _____

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

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	NEW TENANTS.		WELL ABANDONED.		

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date: 6/30/03

Sample I.D.: Laboratory: Pace Sequoia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: OXY'S 1,2-EDC & 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 #: 030630-SS1	Station # 0608
Sampler: SCOTT	Date: 6/30/03
Well I.D.: 17371 VM	Well Diameter: 2 3 4 6 8 ___
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: _____

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

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	NO ONE HOME. PUMP NOT FUNCTIONING PER SCOPE.				

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 6/30/03	
Sample I.D.:		Laboratory: Pace Sequoia Other _____	
Analyzed for: TPH-G BTEX MTBE TPH-D Other: OXY'S + ETHANOL BY 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 #: ~~030630-~~ 030630-551	Station # 0608
Sampler: GOOCH	Date: 6/30/03
Well I.D.: 17372VM	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 / Middleburg / 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
	NO ONE HOME. UNABLE TO SAMPLE.				

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date:	
Sample I.D.:		Laboratory: Pace Sequoia Other_____	
Analyzed for: TPH-G BTEX MTBE TPH-D Other:			
D.O. (if req'd):	Pre-purge: ____ mg/L	Post-purge:	____ mg/L
O.R.P. (if req'd):	Pre-purge: ____ mV	Post-purge:	____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030630-SS1	Station # 0608
Sampler: SOOCH	Date: 6/30/03
Well I.D.: 17348 VE	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 / Middleburg / Electric Submersible / Extraction Pump / Other: _____

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

Top of Screen: _____

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

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	DENIED ACCESS. OWNERS NOT HOME.				

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date: 6/30/03

Sample I.D.: Laboratory: Pace Sequoia Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Other: OXY'S + ETHANOL BY 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

Chain of Custody Record

Project Name ARCO 0608
BP BU/GEM CO Portfolio:
BP Laboratory Contract Number:
Date: 6/30/03 **Requested Due Date (mm/dd/yy)** Standard

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

end To:	BP/GEM Facility No.:	Consultant/Contractor: URS
ab Name: SEQUOIA	BP/GEM Facility Address: 17601 HESPERIAN BL, SAN LORENZO, CA	Address: 500 12th St., Ste. 200
ab Address: 885 Jarvis Dr. Morgan Hill, CA 95037	Site ID No. ARCO 608	Oakland, CA 94609-4014
	Site Lat/Long:	e-mail EDD: syed_rehan@urscorp.com
	California Global ID #: T0600100085	Consultant/Contractor Project No.: J5-00000608.01 00427
ab PM: Latonya Pelt	BP/GEM PM Contact: PAUL SUPPLE	Consultant Tele/Fax: 510-874-1735/510-874-3268
ele/Fax: 408-776-9600 / 408-782-6308	Address:	Consultant/Contractor PM: Scott Robinson
eport Type & QC Level: Send EDF Reports		Invoice to: Consultant/Contractor or BP/GEM (Circle one)
P/GEM Account No.:	Tele/Fax:	BP/GEM Work Release No: INTRIM -50715

ab Bottle Order No:

em No.	Sample Description	Time	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Sediments	Matrix: Air	Laboratory No.	No. of containers	Preservatives: Unpreserved	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl	Requested Analysis: TPH-G / BTEX (8015/8020/8260)	Requested Analysis: TPH –D (8015)	Requested Analysis: MTBE (8021)	Requested Analysis: MTBE, TAME, ETBE DIPE, TBA (8260)	Requested Analysis: 1,2-DCA & EDB (8260)	Requested Analysis: ETHANOL (8260)	Sample Point Lat/Long and Comments
1	MW-5	1246		X				3				3	X			X		X	
2	MW-8	1312		X									X			X		X	
3	MW-10	1330		X									X			X		X	
4	MW-11	1107		X									X			X		X	
5	E-1A	1230		X									X			X		X	
6	MW-15	1040		X									X			X		X	
7	MW-25	1127		X									X			X		X	
8																			
9																			
10																			

ampler's Name: SUCHEON SUNG	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date / Time
ampler's Company: BLAINE TECH					
hipment Date:					
hipment Method:					
hipment Tracking No:					

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

ustody Seals In Place Yes___ No___ Temperature Blank Yes___ No___ Cooler Temperature on Receipt ___ °F/C Trip Blank Yes___ No___

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:

0608

Station #

17601 HESPERIAN BLVD. SAN LORENZO

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

_____

added equip. rinse water_____

any other adjustments_____

TOTAL GALS. RECOVERED 83

loaded onto BTS vehicle # _____

BTS event #

630630-551

time

1430

date

6/30/03

signature

* *

REC'D AT

time

date

_____ _____ ____/____/____

unloaded by signature_____

ATTACHMENT B

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

LABORATORY PROCEDURES

Laboratory Procedures

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

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 766-9600
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www.sequoialabs.com

22 July, 2003

Scott Robinson
URS Corporation [Arco]
500 12th Street, Suite 100
Oakland, CA 94607

RE: ARCO #608, San Lorenzo, CA
Work Order: MMG0039

Enclosed are the results of analyses for samples received by the laboratory on 07/01/03 11:12. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Theresa Allen

Theresa Allen
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MMG0039
500 12th Street, Suite 100	Project Number: INTRIM - 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	07/22/03 09:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	MMG0039-01	Water	06/30/03 12:46	07/01/03 11:12
MW-8	MMG0039-02	Water	06/30/03 13:12	07/01/03 11:12
MW-10	MMG0039-03	Water	06/30/03 13:30	07/01/03 11:12
MW-11	MMG0039-04	Water	06/30/03 11:07	07/01/03 11:12
E-1A	MMG0039-05	Water	06/30/03 12:30	07/01/03 11:12
MW-15	MMG0039-06	Water	06/30/03 10:40	07/01/03 11:12
MW-25	MMG0039-07	Water	06/30/03 11:27	07/01/03 11:12

There were no custody seals that were received with this project.

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MMG0039
500 12th Street, Suite 100	Project Number: INTRIM - 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	07/22/03 09:03

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MMG0039-01) Water Sampled: 06/30/03 12:46 Received: 07/01/03 11:12									
Ethanol	ND	100	ug/l	1	3G09009	07/09/03	07/09/03	EPA 8260B	
tert-Butyl alcohol	**22**	20	"	"	"	"	"	"	
Methyl tert-butyl ether	**58**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	**2.1**	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	**91**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*78-129*		"	"	"	"	
MW-8 (MMG0039-02) Water Sampled: 06/30/03 13:12 Received: 07/01/03 11:12									
Ethanol	ND	100	ug/l	1	3G10010	07/10/03	07/10/03	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	**15**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	**0.85**	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*78-129*		"	"	"	"	

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MMG0039
500 12th Street, Suite 100	Project Number: INTRIM - 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	07/22/03 09:03

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MMG0039-03) Water Sampled: 06/30/03 13:30 Received: 07/01/03 11:12									
Ethanol	ND	2000	ug/l	20	3G10010	07/10/03	07/10/03	EPA 8260B	
tert-Butyl alcohol	ND	400	"	"	"	"	"	"	
Methyl tert-butyl ether	**750**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	10	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	10	"	"	"	"	"	"	
tert-Amyl methyl ether	**28**	10	"	"	"	"	"	"	
1,2-Dichloroethane	ND	10	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	10	"	"	"	"	"	"	
Benzene	ND	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	ND	10	"	"	"	"	"	"	
Xylenes (total)	ND	10	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	1000	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*78-129*		"	"	"	"	
MW-11 (MMG0039-04) Water Sampled: 06/30/03 11:07 Received: 07/01/03 11:12									
Ethanol	ND	100	ug/l	1	3G10010	07/10/03	07/10/03	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*78-129*		"	"	"	"	

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MMG0039
500 12th Street, Suite 100	Project Number: INTRIM - 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	07/22/03 09:03

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
E-1A (MMG0039-05) Water Sampled: 06/30/03 12:30 Received: 07/01/03 11:12									
Ethanol	ND	100	ug/l	1	3G10010	07/10/03	07/10/03	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	**37**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	**1.6**	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	**140**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*78-129*		"	"	"	"	
MW-15 (MMG0039-06) Water Sampled: 06/30/03 10:40 Received: 07/01/03 11:12									
Ethanol	ND	100	ug/l	1	3G10010	07/10/03	07/10/03	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	**12**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*78-129*		"	"	"	"	

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MMG0039
500 12th Street, Suite 100	Project Number: INTRIM - 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	07/22/03 09:03

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-25 (MMG0039-07) Water Sampled: 06/30/03 11:27 Received: 07/01/03 11:12									
Ethanol	ND	1000	ug/l	10	3G10010	07/10/03	07/10/03	EPA 8260B	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Methyl tert-butyl ether	**130**	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	**81**	5.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	5.0	"	"	"	"	"	"	
Benzene	ND	5.0	"	"	"	"	"	"	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*78-129*		"	"	"	"	

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MMG0039
500 12th Street, Suite 100	Project Number: INTRIM - 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	07/22/03 09:03

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 3G09009 - EPA 5030B P/T										
Blank (3G09009-BLK1)				Prepared & Analyzed: 07/09/03						
Ethanol	ND	100	ug/l							
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C6-C10)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*4.72*		"	*5.00*		*94.4*	*78-129*			
Laboratory Control Sample (3G09009-BS1)				Prepared & Analyzed: 07/09/03						
Methyl tert-butyl ether	10.1	0.50	ug/l	10.0		101	63-137			
Benzene	9.87	0.50	"	10.0		98.7	78-124			
Toluene	10.3	0.50	"	10.0		103	78-129			
Surrogate: 1,2-Dichloroethane-d4	*4.70*		"	*5.00*		*94.0*	*78-129*			
Laboratory Control Sample (3G09009-BS2)				Prepared & Analyzed: 07/09/03						
Gasoline Range Organics (C6-C10)	425	50	ug/l	440		96.6	70-113			
Surrogate: 1,2-Dichloroethane-d4	*4.86*		"	*5.00*		*97.2*	*78-129*			
Matrix Spike (3G09009-MS1)	**Source: MMG0039-07RE1**			Prepared & Analyzed: 07/09/03						
Methyl tert-butyl ether	916	50	ug/l	992	170	75.2	63-137			
Benzene	509	50	"	640	ND	79.5	78-124			
Toluene	3040	50	"	2970	ND	102	78-129			
Gasoline Range Organics (C6-C10)	40100	5000	"	44000	ND	91.1	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.17*		"	*5.00*		*103*	*78-129*			

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MMG0039
500 12th Street, Suite 100	Project Number: INTRIM - 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	07/22/03 09:03

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 3G09009 - EPA 5030B P/T										
Matrix Spike Dup (3G09009-MSD1)	**Source: MMG0039-07RE1**			Prepared & Analyzed: 07/09/03						
Methyl tert-butyl ether	903	50	ug/l	992	170	73.9	63-137	1.43	13	
Benzene	478	50	"	640	ND	74.7	78-124	6.28	12	QM-07
Toluene	3020	50	"	2970	ND	102	78-129	0.660	10	
Gasoline Range Organics (C6-C10)	39400	5000	"	44000	ND	89.5	70-113	1.76	9	
Surrogate: 1,2-Dichloroethane-d4	*4.89*		"	*5.00*		*97.8*	*78-129*			
Batch 3G10010 - EPA 5030B P/T										
Blank (3G10010-BLK1)				Prepared & Analyzed: 07/10/03						
Ethanol	ND	100	ug/l							
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							
Ethyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C6-C10)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*4.79*		"	*5.00*		*95.8*	*78-129*			
Laboratory Control Sample (3G10010-BS1)				Prepared & Analyzed: 07/10/03						
Methyl tert-butyl ether	9.32	0.50	ug/l	10.0		93.2	63-137			
Benzene	9.28	0.50	"	10.0		92.8	78-124			
Toluene	9.73	0.50	"	10.0		97.3	78-129			
Surrogate: 1,2-Dichloroethane-d4	*4.82*		"	*5.00*		*96.4*	*78-129*			

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MMG0039
500 12th Street, Suite 100	Project Number: INTRIM - 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	07/22/03 09:03

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 3G10010 - EPA 5030B P/T										
Laboratory Control Sample (3G10010-BS2)				Prepared & Analyzed: 07/10/03						
Gasoline Range Organics (C6-C10)	436	50	ug/l	440		99.1	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.06*		"	*5.00*		*101*	*78-129*			
Matrix Spike (3G10010-MS1)	**Source: MMG0039-03**			Prepared & Analyzed: 07/10/03						
Methyl tert-butyl ether	1010	10	ug/l	198	750	131	63-137			QM-07
Benzene	92.2	10	"	128	ND	72.0	78-124			QM-07
Toluene	580	10	"	594	ND	97.6	78-129			
Gasoline Range Organics (C6-C10)	8580	1000	"	8800	800	88.4	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.11*		"	*5.00*		*102*	*78-129*			
Matrix Spike Dup (3G10010-MSD1)	**Source: MMG0039-03**			Prepared & Analyzed: 07/10/03						
Methyl tert-butyl ether	1030	10	ug/l	198	750	141	63-137	1.96	13	QM-07
Benzene	95.2	10	"	128	ND	74.4	78-124	3.20	12	QM-07
Toluene	608	10	"	594	ND	102	78-129	4.71	10	
Gasoline Range Organics (C6-C10)	8860	1000	"	8800	800	91.6	70-113	3.21	9	
Surrogate: 1,2-Dichloroethane-d4	*4.99*		"	*5.00*		*99.8*	*78-129*			

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MMG0039
500 12th Street, Suite 100	Project Number: INTRIM - 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	07/22/03 09:03

Notes and Definitions

QM-07	The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

mm60039

Page 1 of 1

Chain of Custody Record

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

Project Name ARCO 0608
BP BU/GEM CO Portfolio:
BP Laboratory Contract Number:
Date: 6/30/03 Requested Due Date (mm/dd/yy) Standard

Send To:	BP/GEM Facility No.:	Consultant/Contractor: URS
Lab Name: SEQUOIA	BP/GEM Facility Address: 17601 HESPERIAN BL, SAN LORENZO, CA	Address: 500 12th St., Ste. 200
Lab Address: 885 Jarvis Dr.	Site ID No. ARCO 608	Oakland, CA 94609-4014
Morgan Hill, CA 95037	Site Lat/Long:	e-mail EDD: syed_rehan@urscorp.com
	California Global ID #: T0600100085	Consultant/Contractor Project No.: 15-00000608.01 00427
Lab PM: Latonya Pelt	BP/GEM PM Contact: PAUL SUPPLE	Consultant Tele/Fax: 510-874-1735/510-874-3268
Tele/Fax: 408-776-9600 / 408-782-6308	Address:	Consultant/Contractor PM: Scott Robinson
Report Type & QC Level: Send EDF Reports		Invoice to: Consultant/Contractor or (BP/GEM) (Circle one)
BP/GEM Account No.:	Tele/Fax:	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.	No. of containers	Preservatives: Unpreserved	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl	Requested Analysis: TPH-G/BTEX (8015/8021)	Requested Analysis: TPH-D (8015)	Requested Analysis: MTBE (8021)	Requested Analysis: OXYS, MTBE, ETBE, DIPE, TBA (8260)	Requested Analysis: 1,2-DCA & EDB (8260)	Requested Analysis: Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-5	1246		X			01	3				3	X			X		X	
2	MW-8	1312		X			02						X			X		X	
3	MW-10	1330		X			03						X			X		X	
4	MW-11	1107		X			04						X			X		X	
5	E-1A	1230		X			05						X			X		X	
6	MW-15	1040		X			06						X			X		X	
7	MW-25	1127		X			07						X			X		X	
8																			
9																			
10																			

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: SUCHEON SUNG		7/1/03	1043		7/1/03	1043
Sampler's Company: BLAINE TECH		7/1/03	1112		7/1/03	1112
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

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

Ice in Place Yes ___ No X Temperature Blank Yes ___ No X Cooler Temperature on Receipt 6 °F/C Trip Blank Yes ___ No X

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:	BP	DATE REC'D AT LAB:	7/1/03	Drinking water for regulatory purposes: YES / (NO)
REC. BY (PRINT)	[signature]	TIME REC'D AT LAB:	11:12	Wastewater for regulatory purposes: YES / (NO)
WORKORDER:	MML0039	DATE LOGGED IN:	7-2-03	

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / (Absent)	01		MW-5	(3) voas	HCL	L	6/30/03	
	Intact / Broken*	02		8	↓	↓	↓	↓	
2. Chain-of-Custody	(Present) / Absent*	03		10	↓	↓	↓	↓	
3. Traffic Reports or		04		11	↓	↓	↓	↓	
Packing List:	Present / (Absent)	05		E-1A	↓	↓	↓	↓	
4. Airbill:	Airbill / Sticker	06		MW-15	↓	↓	↓	↓	
	Present / (Absent)	07		25	↓	↓	↓	↓	
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 custody reports, traffic reports and sample labels agree?	(Yes) / No*								
10. Sample received within hold time:	(Yes) / No*								
11. Proper Preservatives used:	(Yes) / No*								
12. 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 (Direct From Field) or Problem COC									

6/30/03 [initials]

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

Sequoia Analytical

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8 May, 2003

Scott Robinson
URS Corporation
500 12th Street, Suite 100
Oakland, CA 94607

RE: ARCO #608, San Lorenzo, Ca
Sequoia Work Order: MMD0783

Enclosed are the results of analyses for samples received by the laboratory on 04/25/03 19:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Latonya K. Pelt

Latonya Pelt
Project Manager

CA ELAP Certificate #1210

Sequoia Analytical

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMD0783
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	05/08/03 09:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
INFL	MMD0783-01	Water	04/24/03 13:15	04/25/03 19:40
MID-1	MMD0783-02	Water	04/24/03 13:10	04/25/03 19:40
MID-2	MMD0783-03	Water	04/24/03 13:05	04/25/03 19:40
EFFL	MMD0783-04	Water	04/24/03 13:00	04/25/03 19:40

There were no custody seals that were received with this project.

Sequoia Analytical

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMD0783
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	05/08/03 09:05

Total Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
INFL (MMD0783-01) Water Sampled: 04/24/03 13:15 Received: 04/25/03 19:40									
Methyl tert-butyl ether	**56**	0.50	ug/l	1	3E01005	05/01/03	05/01/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	**120**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*78-129*		"	"	"	"	
MID-1 (MMD0783-02) Water Sampled: 04/24/03 13:10 Received: 04/25/03 19:40									
Methyl tert-butyl ether	**110**	2.5	ug/l	5	3E01005	05/01/03	05/01/03	EPA 8260B	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	**280**	250	"	"	"	"	"	"	HC-19
Surrogate: 1,2-Dichloroethane-d4		*90.2 %*	*78-129*		"	"	"	"	
MID-2 (MMD0783-03) Water Sampled: 04/24/03 13:05 Received: 04/25/03 19:40									
Methyl tert-butyl ether	**0.95**	0.50	ug/l	1	3E01005	05/01/03	05/01/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMD0783
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	05/08/03 09:05

Total Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MMD0783-04) Water Sampled: 04/24/03 13:00 Received: 04/25/03 19:40									
Methyl tert-butyl ether	ND	0.50	ug/l	1	3E01005	05/01/03	05/01/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90.0 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMD0783
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	05/08/03 09:05

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MMD0783-04) Water	**Sampled: 04/24/03 13:00**	**Received: 04/25/03 19:40**							
Chemical Oxygen Demand	ND	30	mg/l	1	3E07036	05/07/03	05/07/03	EPA 410.4	
Total Suspended Solids	ND	10	"	"	3D26004	04/25/03	04/26/03	EPA 160.2	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMD0783
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	05/08/03 09:05

al Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B - Quality Con

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3E01005 - EPA 5030B P/T										
Blank (3E01005-BLK1)				Prepared & Analyzed: 05/01/03						
Methyl tert-butyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C6-C10)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*4.92*		"	*5.00*		*98.4*	*78-129*			
Laboratory Control Sample (3E01005-BS1)				Prepared & Analyzed: 05/01/03						
Methyl tert-butyl ether	9.06	0.50	ug/l	10.0		90.6	63-137			
Benzene	9.40	0.50	"	10.0		94.0	78-124			
Toluene	9.49	0.50	"	10.0		94.9	78-129			
Surrogate: 1,2-Dichloroethane-d4	*4.70*		"	*5.00*		*94.0*	*78-129*			
Laboratory Control Sample (3E01005-BS2)				Prepared & Analyzed: 05/01/03						
Methyl tert-butyl ether	8.10	0.50	ug/l	9.04		89.6	63-137			
Benzene	5.14	0.50	"	5.44		94.5	78-124			
Toluene	31.8	0.50	"	32.8		97.0	78-129			
Gasoline Range Organics (C6-C10)	393	50	"	440		89.3	70-113			
Surrogate: 1,2-Dichloroethane-d4	*4.77*		"	*5.00*		*95.4*	*78-129*			
Matrix Spike (3E01005-MS1)	**Source: MMD0783-02**			Prepared & Analyzed: 05/01/03						
Methyl tert-butyl ether	160	2.5	ug/l	45.2	110	111	63-137			
Benzene	25.8	2.5	"	27.2	ND	94.9	78-124			
Toluene	160	2.5	"	164	0.35	97.3	78-129			
Gasoline Range Organics (C6-C10)	2220	250	"	2200	280	88.2	70-113			
Surrogate: 1,2-Dichloroethane-d4	*4.89*		"	*5.00*		*97.8*	*78-129*			

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMD0783
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	05/08/03 09:05

al Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B - Quality Con

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3E01005 - EPA 5030B P/T										
Matrix Spike Dup (3E01005-MSD1)		**Source: MMD0783-02**		Prepared & Analyzed: 05/01/03						
Methyl tert-butyl ether	164	2.5	ug/l	45.2	110	119	63-137	2.47	13	
Benzene	25.4	2.5	"	27.2	ND	93.4	78-124	1.56	12	
Toluene	158	2.5	"	164	0.35	96.1	78-129	1.26	10	
Gasoline Range Organics (C6-C10)	2140	250	"	2200	280	84.5	70-113	3.67	9	
Surrogate: 1,2-Dichloroethane-d4	*5.01*		"	*5.00*		*100*	*78-129*			

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMD0783
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	05/08/03 09:05

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 3D26004 - General Preparation										
Blank (3D26004-BLK1)				Prepared: 04/25/03 Analyzed: 04/26/03						
Total Suspended Solids	ND	10	mg/l							
Duplicate (3D26004-DUP1)		**Source: MMD0642-01**		Prepared: 04/25/03 Analyzed: 04/26/03						
Total Suspended Solids	154	10	mg/l		150			2.63	20	
Batch 3E07036 - General Preparation										
Blank (3E07036-BLK1)				Prepared & Analyzed: 05/07/03						
Chemical Oxygen Demand	ND	30	mg/l							
Laboratory Control Sample (3E07036-BS1)				Prepared & Analyzed: 05/07/03						
Chemical Oxygen Demand	105	30	mg/l	100		105	80-124			
Matrix Spike (3E07036-MS1)		**Source: MMD0783-04**		Prepared & Analyzed: 05/07/03						
Chemical Oxygen Demand	0.904	0.30	mg/l	1.00	ND	90.4	80-124			
Matrix Spike Dup (3E07036-MSD1)		**Source: MMD0783-04**		Prepared & Analyzed: 05/07/03						
Chemical Oxygen Demand	0.897	0.30	mg/l	1.00	ND	89.7	80-124	0.777	23	

Sequoia Analytical

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMD0783
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	05/08/03 09:05

Notes and Definitions

HC-19	Discrete peak @ C6-C7.
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	Station 608 -18501 Hesparian Blvd, San Lorenzo, CA
Business Unit	Atlantic Richfield Company/Northern CA Portfolio
BP Laboratory Contract Number:	461000
Requested Due Date:	5/8/03 (mm/dd/yy - 2 weeks from sampling date)
Date:	4/24/03

On-site Time:	1300	Temp:	66
Off-site Time:	1700	Temp:	67
Sky Conditions:	Clear		
Meteorological Events:	None		
Wind Speed:		Direction:	

Send To:	BP/GEM Facility No.: Station 608	Consultant: URS Oakland
Lab Name: Sequoia Analytical	BP/GEM Facility Address: 18501 Hesparian Blvd, San Lorenzo, CA	Address: 500 12th Street, #200
Lab Address: 885 Jarvis Drive	Site ID No. Station 608	Oakland, CA 94607
Morgan Hill, CA 95037	California Global ID #: T0600101665	e-mail EDD: NO EDD
	BP/GEM PM Contact: Paul Supple	Consultant Project No.: 38486167.00327
Lab PM: Latonya Pelt	Address: P.O. Box 6549, Moraga, CA 94570	Consultant Tele/Fax: 510-874-3280/510-874-3268
Tele/Fax: 408-782-8154/408-782-6308	Tele/Fax: 925-299-8891/925-299-8872	Consultant PM: Scott Robinson
Report Type & QC Level: I		Invoice to: Atlantic Richfield Company
BP/GEM Account No.:		BP/GEM Work Release No:

Lab Bottle Order No:

Item No.	Field Point ID	Sample ID	Time	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Sediments	Matrix: Air	Laboratory No. MM0078	No. of containers	Preservatives: Unpreserved	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl	Preservatives:	Preservatives:	Requested Analysis: TPH-g (8015)	Requested Analysis: BTEX (8021)	Requested Analysis: MTBE (8021)	Requested Analysis: COD	Requested Analysis: TSS	Requested Analysis:	Requested Analysis:	Requested Analysis:	Requested Analysis:	Sample Point Lat/Long and Comments
1	INFL	INFL			X			1315	3				X			X	X	X							
2	MID-1	MID-1			X			1310	3				X			X	X	X							
3	MID-2	MID-2			X			1305	3				X			X	X	X							
4	EFFL	EFFL			X			1300	7	X	X		X			X	X	X	X	X					
5																									
6																									
7																									
8																									
9																									
10																									

Sampler's Name: George Bradshaw	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: URS Oakland		4/24/03	1510	Michael Gollin/Seq INC	4/24/03	1510
Shipment Date:		4/25	1940		4/25/03	1520
Shipment Method: Hand Deliver					4/25/03	1900
Shipment Tracking No:						

Special Instructions: COD = Chemical Oxygen Demand (3 VOS's w/ H2SO4), TSS = Total Suspended Solids (1 Liter poly unpreserved)

Custody Seals In Place Yes ___ No x Temperature Blank Yes ___ No x Cooler Temperature on Receipt 12 °F/C Trip Blank Yes ___ No x

5°C

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
REC. BY (PRINT): D
WORKORDER: 1MM0783

DATE REC'D AT LAB: 4/25/03
TIME REC'D AT LAB: 1940
DATE LOGGED IN: 4/26/03

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID (S)	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*	01		Eff 1	(3) Voas	HCl	L	4/24/03	
2. Chain-of-Custody (Present) / Absent*	02		mid 1	↓	↓	↓		
3. Traffic Reports or Packing List: Present (Absent)	03		mid 2	↓	↓	↓		
4. Airbill: Airbill / Sticker Present / (Absent)	04		Eff 1 DUP	(6) Voas (1) 1L Poly	(3) HCl / —	(3) / —	↓	
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 custody reports, traffic reports and sample labels agree? (Yes) / No*								
10. Sample received within hold time: (Yes) / No*								
11. Proper Preservatives used: (Yes) / No*								
12. Temp Rec. at Lab: 5°C Is temp 4 +/-2°C? Yes / No**								

(Acceptance range for samples requiring thermal pres.)
**Exception (if any): Metals / DIF (Direct From Field) or Problem COC

4/26/03

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

Sequoia Analytical

885 Jarvis Dr
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13 June, 2003

Scott Robinson
URS Corporation [Arco]
500 12th Street, Suite 100
Oakland, CA 94607

RE: ARCO #608, San Lorenzo, CA
Sequoia Work Order: MME0810

Enclosed are the results of analyses for samples received by the laboratory on 05/30/03 15:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Latonya K. Pelt

Latonya Pelt
Project Manager

CA ELAP Certificate #1210

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MME0810
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	06/13/03 08:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
INFL	MME0810-01	Water	05/30/03 09:40	05/30/03 15:25
MID-1	MME0810-02	Water	05/30/03 09:45	05/30/03 15:25
MID-2	MME0810-03	Water	05/30/03 09:49	05/30/03 15:25
EFFL	MME0810-04	Water	05/30/03 10:19	05/30/03 15:25

There were no custody seals that were received with this project.

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MME0810
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	06/13/03 08:33

Total Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
INFL (MME0810-01) Water Sampled: 05/30/03 09:40 Received: 05/30/03 15:25									
Methyl tert-butyl ether	**20**	0.50	ug/l	1	3F10038	06/10/03	06/11/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*113 %*		*78-129*	"	"	"	"	
MID-1 (MME0810-02) Water Sampled: 05/30/03 09:45 Received: 05/30/03 15:25									
Methyl tert-butyl ether	**140**	2.5	ug/l	5	3F11036	06/11/03	06/12/03	EPA 8260B	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	ND	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	250	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*114 %*		*78-129*	"	"	"	"	
MID-2 (MME0810-03) Water Sampled: 05/30/03 09:49 Received: 05/30/03 15:25									
Methyl tert-butyl ether	**1.1**	0.50	ug/l	1	3F10038	06/10/03	06/11/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*111 %*		*78-129*	"	"	"	"	

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MME0810
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	06/13/03 08:33

Total Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MME0810-04) Water Sampled: 05/30/03 10:19 Received: 05/30/03 15:25									
Methyl tert-butyl ether	ND	0.50	ug/l	1	3F10038	06/10/03	06/10/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*78-129*	"	"	"	"	

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MME0810
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	06/13/03 08:33

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MME0810-04) Water Sampled: 05/30/03 10:19 Received: 05/30/03 15:25									
Chemical Oxygen Demand	ND	30	mg/l	1	3F10028	06/10/03	06/10/03	EPA 410.4	
Total Suspended Solids	ND	10	"	"	3F03020	05/30/03	05/31/03	EPA 160.2	

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MME0810
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	06/13/03 08:33

'otal Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B - Quality Contr

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F10038 - EPA 5030B P/T										
Blank (3F10038-BLK1)				Prepared & Analyzed: 06/10/03						
Methyl tert-butyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C6-C10)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*5.37*		"	*5.00*		*107*	*78-129*			
Laboratory Control Sample (3F10038-BS1)				Prepared & Analyzed: 06/10/03						
Methyl tert-butyl ether	10.2	0.50	ug/l	10.0		102	63-137			
Benzene	10.3	0.50	"	10.0		103	78-124			
Toluene	10.4	0.50	"	10.0		104	78-129			
Surrogate: 1,2-Dichloroethane-d4	*5.65*		"	*5.00*		*113*	*78-129*			
Laboratory Control Sample (3F10038-BS2)				Prepared & Analyzed: 06/10/03						
Methyl tert-butyl ether	9.55	0.50	ug/l	9.92		96.3	63-137			
Benzene	5.74	0.50	"	6.40		89.7	78-124			
Toluene	32.9	0.50	"	29.7		111	78-129			
Gasoline Range Organics (C6-C10)	484	50	"	440		110	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.68*		"	*5.00*		*114*	*78-129*			
Matrix Spike (3F10038-MS1)	**Source: MMF0133-02**			Prepared: 06/10/03 Analyzed: 06/11/03						
Methyl tert-butyl ether	373	5.0	ug/l	99.2	270	104	63-137			
Benzene	58.9	5.0	"	64.0	ND	92.0	78-124			
Toluene	333	5.0	"	297	ND	112	78-129			
Gasoline Range Organics (C6-C10)	5130	500	"	4400	360	108	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.72*		"	*5.00*		*114*	*78-129*			

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MME0810
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	06/13/03 08:33

'otal Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B - Quality Contr

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F10038 - EPA 5030B P/T										
Matrix Spike Dup (3F10038-MSD1)	**Source: MMF0133-02**			Prepared: 06/10/03 Analyzed: 06/11/03						
Methyl tert-butyl ether	372	5.0	ug/l	99.2	270	103	63-137	0.268	13	
Benzene	58.4	5.0	"	64.0	ND	91.2	78-124	0.853	12	
Toluene	336	5.0	"	297	ND	113	78-129	0.897	10	
Gasoline Range Organics (C6-C10)	5030	500	"	4400	360	106	70-113	1.97	9	
Surrogate: 1,2-Dichloroethane-d4	*5.73*		"	*5.00*		*115*	*78-129*			
Batch 3F11036 - EPA 5030B P/T										
Blank (3F11036-BLK1)				Prepared & Analyzed: 06/11/03						
Methyl tert-butyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C6-C10)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*5.48*		"	*5.00*		*110*	*78-129*			
Laboratory Control Sample (3F11036-BS1)				Prepared & Analyzed: 06/11/03						
Methyl tert-butyl ether	10.3	0.50	ug/l	10.0		103	63-137			
Benzene	10.3	0.50	"	10.0		103	78-124			
Toluene	10.6	0.50	"	10.0		106	78-129			
Surrogate: 1,2-Dichloroethane-d4	*5.69*		"	*5.00*		*114*	*78-129*			
Laboratory Control Sample (3F11036-BS2)				Prepared & Analyzed: 06/11/03						
Methyl tert-butyl ether	9.49	0.50	ug/l	9.92		95.7	63-137			
Benzene	5.69	0.50	"	6.40		88.9	78-124			
Toluene	32.7	0.50	"	29.7		110	78-129			
Gasoline Range Organics (C6-C10)	481	50	"	440		109	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.72*		"	*5.00*		*114*	*78-129*			

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MME0810
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	06/13/03 08:33

'otal Purgeable Hydrocarbons (C6-C10) and Volatile Organic Compounds by EPA method 8260B - Quality Contr

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3F11036 - EPA 5030B P/T										
Matrix Spike (3F11036-MS1)		**Source: MMF0155-01**		Prepared: 06/11/03		Analyzed: 06/12/03				
Methyl tert-butyl ether	1360	10	ug/l	198	1200	80.8	63-137			
Benzene	111	10	"	128	ND	86.7	78-124			
Toluene	634	10	"	594	ND	107	78-129			
Gasoline Range Organics (C6-C10)	10100	1000	"	8800	1700	95.5	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.80*		"	*5.00*		*116*	*78-129*			
Matrix Spike Dup (3F11036-MSD1)		**Source: MMF0155-01**		Prepared: 06/11/03		Analyzed: 06/12/03				
Methyl tert-butyl ether	1370	10	ug/l	198	1200	85.9	63-137	0.733	13	
Benzene	114	10	"	128	ND	89.1	78-124	2.67	12	
Toluene	667	10	"	594	ND	112	78-129	5.07	10	
Gasoline Range Organics (C6-C10)	10600	1000	"	8800	1700	101	70-113	4.83	9	
Surrogate: 1,2-Dichloroethane-d4	*5.92*		"	*5.00*		*118*	*78-129*			

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MME0810
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	06/13/03 08:33

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 3F03020 - General Preparation										
Blank (3F03020-BLK1)				Prepared: 05/30/03 Analyzed: 05/31/03						
Total Suspended Solids	ND	10	mg/l							
Duplicate (3F03020-DUP1)		**Source: MME0810-04**		Prepared: 05/30/03 Analyzed: 05/31/03						
Total Suspended Solids	ND	10	mg/l		ND				20	
Batch 3F10028 - General Preparation										
Blank (3F10028-BLK1)				Prepared & Analyzed: 06/10/03						
Chemical Oxygen Demand	ND	30	mg/l							
Laboratory Control Sample (3F10028-BS1)				Prepared & Analyzed: 06/10/03						
Chemical Oxygen Demand	96.7	30	mg/l	100		96.7	80-124			
Matrix Spike (3F10028-MS1)		**Source: MME0810-04**		Prepared & Analyzed: 06/10/03						
Chemical Oxygen Demand	1010	300	mg/l	1000	ND	101	80-124			
Matrix Spike Dup (3F10028-MSD1)		**Source: MME0810-04**		Prepared & Analyzed: 06/10/03						
Chemical Oxygen Demand	977	300	mg/l	1000	ND	97.7	80-124	3.32	23	

Sequoia Analytical

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URS Corporation [Arco]	Project: ARCO #608, San Lorenzo, CA	MME0810
500 12th Street, Suite 100	Project Number: N/P	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	06/13/03 08:33

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

bp

Date: 5/30/03

Project Name: Station 608 -18501 Hesparian Blvd, San Lorenzo, CA
Business Unit: Atlantic Richfield Company/Northern CA Portfolio
BP Laboratory Contract Number: 4 6 1 0 0 0
Requested Due Date: (mm/dd/yy - 2 weeks from sampling date)

MMB0810

On-site Time:	915 Temp: 65°
Off-site Time:	1040 Temp:
Sky Conditions:	Cloudy
Meteorological Events:	Misting
Wind Speed:	0-5 Direction:

Send To:	BP/GEM Facility No.: Station 608	Consultant: URS Oakland
Lab Name: Sequoia - Petaluma	BP/GEM Facility Address: 18501 Hesparian Blvd, San Lorenzo, CA	Address: 500 12th Street, #200
Lab Address: 1455 N. McDowell Blvd.	Site ID No. Station 608	Oakland, CA 94607
Suite D	California Global ID #:T0600101665	e-mail EDD: NO EDD
Petaluma, CA 95954	BP/GEM PM Contact: Paul Supple	Consultant Project No.: 38486167.00327
Lab PM: Angelee Cari	Address: P.O. Box 6549, Moraga, CA 94570	Consultant Tele/Fax: 510-874-3280/510-874-3268
Tele/Fax: 707-792-7527/ 707-792-0342	Tele/Fax: 925-299-8891/925-299-8872	Consultant PM: Scott Robinson
Report Type & QC Level: I		Invoice to: Atlantic Richfield Company
BP/GEM Account No.:		BP/GEM Work Release No:
Lab Bottle Order No:		

Item No.	Field Point ID	Sample ID	Time	Matrix: Soil/Solid	Water/Liquid	Sediments	Air	Laboratory No.	No. of containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl			Requested Analysis: TPH-g (8015)	BTEX (8021)	MTBE (8021)	COD	TSS						Sample Point Lat/Long and Comments
1	INFL	INFL	940		X			01	3				X			X	X	X							
2	MID-1	MID-1	945		X			02	3				X			X	X	X							
3	MID-2	MID-2	949		X			03	3				X			X	X	X							
4	EFFL	EFFL	1019		X			04	7	X	X		X			X	X	X	X	X					
5																									
6																									
7																									
8																									
9																									
10																									

Sampler's Name: ~~George Bradshaw~~ Teresa Tamburello	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: URS Oakland	Teresa Tamburello	5/30/03	1245	Carlos SIOL	5/30/03	1:21
Shipment Date: 5/30/03	Carlos SIOL	5/30/03	15:25		5/30/03	4:24
Shipment Method: ~~Hand Deliver~~ Pick-Up						
Shipment Tracking No:						

Special Instructions: COD = Chemical Oxygen Demand (3 VOS's w/ H2SO4), TSS = Total Suspended Solids (1 Liter poly unpreserved)

Custody Seals In Place Yes___ No__x__ Temperature Blank Yes___ No__x__ Cooler Temperature on Receipt 6.0 °F/C Trip Blank Yes___ No__x__

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP
REC. BY (PRINT)
WORKORDER: 4HG0890

DATE REC'D AT LAB: 5/30/03
TIME REC'D AT LAB: 1515
DATE LOGGED IN: 5-30-03

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID:	CONTAINER DESCRIPTION	PRESERVATIVE	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*			INFL	(3) voas	HCl	L	5/30/03	
2. Chain-of-Custody (Present) / Absent*			MID-1	↓	↓	↓	↓	
3. Traffic Reports or Packing List: Present / (Absent)			↓ 2					
4. Airbill: Airbill / Sticker Present / (Absent)			EFFL	↓	H_2SO_4			
5. Airbill #:			↓	(1) 1L poly	—			
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 custody reports, traffic reports and sample labels agree? (Yes) / No*								
10. Sample received within hold time: (Yes) / No*								
11. Proper Preservatives used: (Yes) / No*								
12. 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 (Direct From Field) or Problem COC

5/30/03

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

ATTACHMENT C
HISTORICAL GROUNDWATER DATA TABLES

Historic

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	22.75	150	<0.30	<0.30	0.92	0.74	20	1.4
	09/21,22/98		12.45	21.54	110	0.59	<0.50	<0.50	<0.50	25	1.8
	12/14,15/98		11.85	22.14	<200	<2.0	<2.0	<2.0	<2.0	600	1.2
	03/15,16/99		11.05	22.94	50.9	<0.50	<0.50	<0.50	<0.50	211	1.0
	06/14,15/99		12.25	21.74	211	<0.50	<0.50	<0.50	<0.50	212	1.2
	09/15,16/99		12.70	21.29	139	<0.50	<0.50	<0.50	<0.50	184	2.4
	12/08,09/99		12.56	21.43	87.4	<0.50	<0.50	<0.50	<0.50	197	1.2
	03/15/00		10.10	23.89	82.4	<0.50	0.710	<0.50	0.579	906	1.2
	03/15/00 a		–	--	--	--	--	--	--	1,230	--
	06/13/00 b		12.44	21.55	96.7	<0.50	<0.50	<0.50	<0.50	551	2.0
	9/19,20/00		12.45	21.54	<50.0	<0.50	<0.50	<0.50	<0.50	51	2.2
	12/14,15/00		12.03	21.96	152.0	1.33	0.56	<0.50	<0.50	<2.50	1.0
	3/8,9/01		10.81	23.18	<50.0	<0.50	<0.50	<0.50	<0.50	73.8	1.6
	06/14/01		12.25	21.74	<50.0	<0.50	<0.50	<0.50	<0.50	47.0	1.8
	09/26/01		12.83	21.16	<50.0	<0.50	<0.50	<0.50	<0.50	270.0	2.0
	12/29/01		10.97	23.02	<50.0	<0.50	<0.50	<0.50	0.95	370.0	2.4
	03/13/02		11.46	22.53	530	<2.5	<2.5	<2.5	<2.5	1100	3.00
MW-7	03/13,15/96	34.40	9.73	24.67	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96		11.60	22.80	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28,29/96		12.63	21.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25,26/96		12.10	22.30	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		11.72	22.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		12.98	21.42	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		12.25	22.15	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	11/24,25/97		12.57	21.83	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
	03/19,20/98		10.35	24.05	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
	06/04/98		11.30	23.10	<50	<0.30	<0.30	<0.30	<0.60	<10	0.7
	09/21,22/98		12.48	21.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.4
	12/14,15/98		11.90	22.50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.2
	03/15,16/99		11.10	23.30	<50	<0.50	<0.50	<0.50	<0.50	<	0.0
	06/14,15/99		----------	----------	----------	Removed From Gauging and Sampling Program	----------	----------	----------	----------	----------
MW-8	03/13,14/96	32.79	8.90	23.89	670	5.1	<2.0	<2.0	<2.0	NA	NM
	05/28,29/96		10.58	22.21	490	<1.0	<1.0	0.91	0.91	NA	NM
	08/28/96		11.30	21.49	680	29	2.1	3.0	2.4	80	NM
	11/25/96		10.80	21.99	620	1.2	2.6	2.9	2.0	46	NM
	03/31-04/01/97		10.76	22.03	530	<1.0	1.7	2.0	3.8	380	NM
	06/25/97		11.65	21.14	480	6.7	0.69	0.8	0.71	88	NM
	09/09,10/97		11.67	21.12	570	57	<1.0	2.1	1.7	57	2.0
	09/09,10/97 a		--	--	--	--	--	--	–	48	–
	11/24,25/97		11.50	21.29	530	3.0	1.7	1.9	1.5	26	2.0
	03/19,20/98		9.40	23.39	440	1.4	<0.50	<0.50	3.7	140	2.2
	06/03/98		10.25	22.54	360	2.2	1.2	1.8	1.0	47	0.3
	09/21,22/98		11.37	21.42	380	<2.5	<2.5	<2.5	<2.5	620	0.0
	12/14,15/98		10.80	21.99	<50	<0.50	<0.50	<0.50	<0.50	1,600	0.0
	03/15,16/99		10.00	22.79	<500	<5.0	<5.0	<5.0	<5.0	625	0.0
	06/14,15/99		11.17	21.62	166	<0.50	<0.50	<0.50	<0.50	141	NM
	09/15,16/99		11.65	21.14	<500	<5.0	<5.0	<5.0	<5.0	2,380	2.4
	12/08,09/99		11.48	21.31	213	<0.50	<0.50	<0.50	<0.50	4,180	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	22.84	<50.0	<0.50	<0.50	<0.50	<0.50	560	4.2
	03/13/02		10.30	22.49	500	<2.5	<2.5	<2.5	<2.5	1,100	2.0

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

Well Number	Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-9	03/13,15/96	32.11	7.65	24.46	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		9.67	22.44	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28,29/96		10.78	21.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		10.24	21.87	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		9.95	22.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		10.85	21.26	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		10.87	21.24	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	11/24,25/97		10.70	21.41	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	03/19,20/98		8.63	23.48	<50	<0.50	<0.50	<0.50	<0.50	58	4.8
	06/04/98		9.35	22.76	<50	<0.30	<0.30	<0.30	<0.60	<10	2.0
	09/21,22/98		10.55	21.56	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	12/14,15/98		9.98	22.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	03/15,16/99		9.10	23.01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.0
	06/14,15/99		10.32	21.79	<50	<0.50	<0.50	<0.50	<0.50	3.27	2.2
	09/15,16/99		10.83	21.28	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.2
	12/08,09/99		10.70	21.41	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.6
	03/15/00		8.58	23.53	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	06/13/00 b		10.46	21.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	9/19,20/00		10.53	21.56	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	12/14,15/00		10.35	21.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	3/8,9/01		9.05	23.06	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	06/14/01		10.33	21.78	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	09/26/01		10.82	21.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	12/29/01		8.82	23.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	03/13/02		9.49	22.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
MW-10	†† 03/13,14/96	31.67	7.78	23.89	870	35	<5.0	5.2	7.0	NA	NM
	05/29/96		10.00	21.67	800	<1.0	<1.0	<1.0	<1.0	NA	NM
	08/28/96		10.93	20.74	NS	NS	NS	NS	NS	NS	NM
	11/25,26/96		10.45	21.22	1,100	6.0	4.9	3.8	9.5	200	NM
	03/31/97 †		10.15	21.52	160	<0.50	<0.50	<0.50	<0.50	140	NM
	06/25/97		10.99	20.68	800	4.2	1.4	1.5	1.4	170	NM
	09/09,10/97		11.08	20.59	950	<1.2	3.3	2.5	3.7	240	2.0
	09/09,10/97 a		--	--	--	--	--	--	--	210	--
	11/24,25/97		10.85	20.82	920	5.7	6.7	<5.0	<5.0	160	2.4
	11/24,25/97		--	--	--	--	--	--	--	160	--
	03/19/98		8.78	22.89	330	1.7	<0.50	<0.50	<0.50	130	1.0
	06/04/98		9.59	22.08	680	<0.30	4.8	2.3	8.6	79	0.0
	09/21,22/98		10.77	20.90	650	<0.50	<0.50	3.5	1.3	99	0.0
	12/14/98		10.18	21.49	828	<1.0	<1.0	3.38	<1.0	152	0.4
	03/15,16/99		9.30	22.37	910	17.6	1.3	5.24	<1.0	268	0.0
	06/14,15/99		10.57	21.10	643	<0.50	0.761	1.13	1.35	232	NM
	09/15,16/99		11.03	20.64	655	<1.25	1.28	<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	0.95	1.19	413	2.2
	12/14,15/00		10.35	21.32	456	10.50	1.01	0.80	<0.50	145	4.0
	3/8,9/01		9.12	22.55	509	<0.50	21.90	3.16	3.55	161	3.2
	06/14/01		10.55	21.12	710	9.20	2.60	<0.50	1.50	290	3.0
	09/26/01		10.98	20.69	580	<0.50	1.60	1.50	1.60	250	2.6
	12/29/01		9.08	22.61	410	<0.50	6.70	2.50	2.90	950	3.2
	03/13/02		9.68	21.99	680	<5.0	<5.0	<5.0	<5.0	570	3.2
MW-11	03/13,14/96	32.54	8.60	23.94	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		10.55	21.99	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		11.52	21.02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		11.00	21.54	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		10.88	21.66	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		11.65	20.89	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		11.75	20.79	80	<0.50	<0.50	<0.50	0.65	<2.5	2.0
	11/24,25/97		11.50	21.04	<50	<0.50	<0.50	<0.50	<0.50	3.8	2.4
	03/19/98		9.43	23.11	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	06/03/98		10.27	22.27	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.8
	09/21,22/98		11.43	21.11	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	12/14/98		10.85	21.69	<50	<0.50	<0.50	<0.50	<0.50	<2.0	1.4
	03/15,16/99		10.05	22.49	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.2

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

Well Number	Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-11	06/14,15/99		11.25	21.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
(cont.)	09/15/99		11.68	20.86	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.4
	12/08,09/99		11.53	21.01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
	03/15/00		9.32	23.22	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.7
	06/13/00 b		11.05	21.49	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	9/19,20/00		11.37	21.17	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	3/8,9/01		11.00	21.54	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	3/8,9/01		9.78	22.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	06/14/01		11.23	21.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.4
	09/26/01		11.70	20.84	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
	12/29/01		9.91	22.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	03/13/02		10.38	22.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
E-1A	†† 03/13,14/96	33.06	10.35	22.71	2,700	38	<5.0	130	6.2	NA	NM
(MW-12)	05/28,29/96		11.50	21.56	1,400	410	18	55	5.5	NA	NM
	08/28/96		11.70	21.36	NS	NS	NS	NS	NS	NS	NM
	11/25,26/96		11.18	21.88	4,300	13	<5.0	100	20	220	NM
	03/31/97 †		12.65	20.41	1,900	7.9	<2.0	62	3.5	140	NM
	06/25/97		11.82	21.24	4,900	21	<5.0	53	6.8	160	NM
	09/09,10/97		11.85	21.21	3,200	9.0	<5.0	45	<5.0	85	2.0
	09/09,10/97 a		--	--	--	--	--	--	--	70	--
	11/24,25/97		11.75	21.31	2,000	10	<2.5	42	2.8	65	1.0
	03/19,20/98		9.65	23.41	11,000	1,300	<0.50	550	380	220	6.2
	06/04/98 b		10.47	22.59	4,500	3.3	0.92	41	4.0	51	1.5
	09/21,22/98		11.60	21.46	3,300	1.7	<0.50	29	3.6	52	1.8
	12/14,15/98		11.10	21.96	3,100	21	6.7	28	<5.0	140	1.0
	03/15,16/99		10.25	22.81	3,900	24.5	<20	41.2	<20	296	1.0
	06/14,15/99		11.47	21.59	5,090	<5.0	<5.0	6.01	<5.0	234	1.4
	09/15,16/99		11.90	21.16	2,200	7.93	<5.0	10.50	<5.0	142	3.2
	12/08,09/99		11.75	21.31	1,490	6.57	1.36	9.21	<1.25	364	NM
	03/15/00		9.52	23.54	4,430	28.1	<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	0.564	0.535	<0.5	534	3.4
	9/19,20/00		23.15	9.91	143	1.01	<0.50	<0.50	<0.50	76	2.8
	12/14,15/00		NA	NA	181	<0.50	<0.50	0.789	<0.50	100	1.4
	3/8,9/01		23.80	9.26	370	1.78	<0.50	0.765	<0.50	76	1.6
	06/14/01		21.10	11.96	180	<0.50	<0.50	0.54	<0.50	100	2.6
	09/26/01		19.95	13.11	<50.0	<0.50	<0.50	<0.50	<0.50	210	1.8
	12/29/01		22.40	10.66	<50.0	<0.50	<0.50	<0.50	<0.50	190	2.0
	03/13/02		21.75	11.31	200	<0.50	<0.50	<0.50	<0.50	310	3.4
MW-13	03/13,15/96	35.42	10.90	24.52	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96		12.90	22.52	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		13.89	21.53	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		13.41	22.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		13.11	22.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		13.98	21.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		14.09	21.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	11/24,25/97		13.90	21.52	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	03/19,20/98		11.80	23.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
	06/04/98		12.63	22.79	<50	<0.30	<0.30	<0.30	<0.60	<10	1.3
	09/21,22/98		13.77	21.65	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	12/14,15/98		13.28	22.14	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	03/15,16/99 b		12.48	22.94	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.2
	06/14,15/99	---------- Removed From Gauging and Sampling Program ----------									
MW-14	03/13,15/96	30.46	6.63	23.83	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		8.83	21.63	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		9.83	20.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		9.33	21.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		9.04	21.42	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		9.94	20.52	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		10.08	20.38	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	11/24,25/97		9.78	20.68	<50	<0.50	<0.50	<0.50	<0.50	2.9	2.6
	03/19/98		7.92	22.54	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	06/03/98		8.52	21.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.1
	09/21,22/98		9.72	20.74	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.8
	12/14/98		9.15	21.31	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.8
	03/15,16/99		8.20	22.26	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.6

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

Well Number	Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-14	06/14,15/99		9.54	20.92	---------- Well Sampled Annually ----------						
(cont.)	09/15/99		9.98	20.48	---------- Well Sampled Annually ----------						
	12/08,09/99		9.84	20.62	---------- Well Sampled Annually ----------						
	03/15/00		7.78	22.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	06/13/00 b		9.45	21.01	---------- Well Sampled Annually ----------						
	9/19,20/00		9.88	20.78	---------- Well Sampled Annually ----------						
	12/14,15/00		9.14	21.32	---------- Well Sampled Annually ----------						
	3/8,9/01		8.10	22.36	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	06/14/01		9.51	20.95	---------- Well Sampled Annually ----------						
	09/26/01		9.96	20.50	---------- Well Sampled Annually ----------						
	12/29/01		7.62	22.84	---------- Well Sampled Annually ----------						
	03/13/02		8.56	21.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
MW-15	03/13,15/96	31.41	8.13	23.28	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96		10.30	21.11	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		11.30	20.11	<50	<0.50	<0.50	<0.50	<0.50	5.3	NM
	11/25/96		10.83	20.58	<50	<0.50	<0.50	<0.50	<0.50	12	NM
	03/31-04/01/97		10.45	20.96	<50	<0.50	<0.50	<0.50	<0.50	7.2	NM
	06/25/97		11.39	20.02	<50	<0.50	<0.50	<0.50	<0.50	7.0	NM
	09/09,10/97		11.50	19.91	---------- Well Inaccessible ----------						
	11/24,25/97				---------- Well Inaccessible ----------						
	03/19/98		9.15	22.26	<50	<0.50	<0.50	<0.50	<0.50	5.3	2.2
	06/04/98		NM		---------- Well Inaccessible ----------						
	09/21,22/98		NM		---------- Well Inaccessible ----------						
	12/14/98		10.63	20.78	<50	<0.50	<0.50	<0.50	<0.50	48.2	1.8
	03/15,16/99		NM		---------- Well Inaccessible ----------						
	06/14,15/99		NM		---------- Well Inaccessible ----------						
	09/15, 16/99		NM		---------- Well Inaccessible ----------						
	12/08,09/99		11.26	20.13	<50	<0.5	<0.5	<0.5	<0.5	167.0	NM
	03/15/00		9.03	22.38	<50	<0.5	<0.5	<0.5	<0.5	82.1	1.5
	03/15/00 a		--	--	--	--	--	--	--	105	--
	06/13/00 b		10.96	20.45	<50	<0.5	0.703	<0.5	0.870	69.8	2.0
	9/19,20/00		11.10	20.31	<50	<0.5	<0.5	<0.5	<0.5	156.0	2.2
	12/14,15/00		NM	NA	---------- Well Inaccessible ----------						
	3/8,9/01		9.48	21.93	<50	<0.5	<0.5	<0.5	<0.5	63.8	2.6
	06/14/01		10.95	20.46	<50	<0.5	<0.5	<0.5	<0.5	26.0	3.0
	09/26/01		11.38	20.03	<50	<0.5	<0.5	<0.5	<0.5	17.0	1.2
	12/29/01		9.41	22.00	<50	<0.5	<0.5	<0.5	<0.5	30.0	2.2
	03/13/02		10.03	21.38	<50	<0.5	<0.5	<0.5	<0.5	21.0	1.2
MW-16	03/13/96	31.39	8.62	22.77	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		10.90	20.49	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		11.84	19.55	<50	<0.50	<0.50	<0.50	<0.50	89	NM
	11/25/96		11.32	20.07	<50	<0.50	<0.50	<0.50	<0.50	66	NM
	03/31-04/01/97		11.06	20.33	<50	<0.50	<0.50	<0.50	<0.50	49	NM
	06/25/97		11.92	19.47	<50	<0.50	<0.50	<0.50	<0.50	59	NM
	09/09,10/97		12.03	19.36	<50	<0.50	<0.50	<0.50	<0.50	68	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		11.84	19.75	<50	<0.50	0.517	<0.50	0.603	6.29	1.0
	9/19,20/00		11.84	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	21.98	<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	2.8
	09/26/01		11.93	19.46	<50	<0.50	<0.50	<0.50	<0.50	3.8	1.8
	12/29/01		9.71	21.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/13/02		10.51	20.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
MW-17	---------- Well Destroyed ----------										
MW-18	03/13/96	29.70	7.53	22.17	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		9.88	19.82	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		10.82	18.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		10.18	19.52	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM

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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	19.56	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
(cont.)	06/25/97		10.94	18.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		11.00	18.70	<50	<0.50	<0.50	<0.50	<0.50	<2.5	4.0
	11/24,25/97		10.85	19.05	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.4
	03/19/98		8.95	20.75	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	06/03/98		9.57	20.13	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.8
	09/21,22/98		10.80	18.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	12/14/98		10.18	19.52	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.8
	03/15,16/99		9.20	20.50	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
	06/14,15/99		10.60	19.10	---------- Well Sampled Annually ----------						
	09/15/99		10.96	18.74	---------- Well Sampled Annually ----------						
	12/08,09/99		10.79	18.91	---------- Well Sampled Annually ----------						
	03/15/00		8.80	20.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/13/00 b		10.60	19.10	---------- Well Sampled Annually ----------						
	9/19,20/00		10.63	19.07	---------- Well Sampled Annually ----------						
	12/14,15/00		10.39	19.31	---------- Well Sampled Annually ----------						
	3/8,9/01		9.03	20.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
	06/14/01		10.40	19.30	---------- Well Sampled Annually ----------						
	09/26/01		10.91	18.79	---------- Well Sampled Annually ----------						
	12/29/01		8.24	21.46	---------- Well Sampled Annually ----------						
	03/13/02		9.46	20.24	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
MW-19	03/13/96	29.02	7.06	21.96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		9.42	19.60	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		10.33	18.69	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		9.67	19.35	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		9.65	19.37	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		10.41	18.61	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		10.47	18.55	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	11/24,25/97		10.35	18.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.6
	03/19/98		8.67	20.35	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/03/98		9.15	19.87	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2
	09/21,22/98		10.28	18.74	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	12/14/98		9.70	19.32	<50	<0.50	<0.50	0.588	0.647	<2.0	2.4
	03/15,16/99	---------- Well Inaccessible ----------									
	06/14,15/99	---------- Removed From Gauging and Sampling Program ----------									
MW-20		----------Well Destroyed----------									
MW-21	03/13/96	28.72	7.58	21.14	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96		9.85	18.87	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/26/96		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 0606
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Well Number	Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-22	03/15/00		9.20	20.09	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.1
(cont.)	06/13/00 b		11.06	18.23	<50	<0.50	<0.50	<0.50	<0.50	6.85	1.0
	9/19,20/00		11.12	18.17	<50	<0.50	<0.50	<0.50	<0.50	3.18	1.8
	12/14,15/00		10.85	18.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	3/8,9/01		9.43	19.86	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
	06/14/01		10.98	18.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	09/26/01		11.41	17.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	12/29/01		8.78	20.51	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/13/02		9.86	19.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
MW-23	03/13/96	30.99	9.13	21.86	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		11.37	19.62	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		12.31	18.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		11.78	19.23	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		11.56	19.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		12.39	18.60	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		12.53	18.46	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	11/24,25/97		12.13	18.86	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	03/19/98		10.22	20.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
	06/03/98		11.03	19.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3
	09/21,22/98		12.31	18.68	<50	<0.50	0.54	1.9	<0.50	<2.5	2.2
	12/14/98		11.67	19.32	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.0
	03/15,16/99		10.82	20.17	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.6
	06/14,15/99		12.08	18.91	---------- Well Sampled Annually ----------						
	09/15/99		12.48	18.51	---------- Well Sampled Annually ----------						
	12/08,09/99		12.29	18.70	---------- Well Sampled Annually ----------						
	03/15/00		10.04	20.95	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	06/13/00 b		11.95	19.04	---------- Well Sampled Annually ----------						
	9/19,20/00		12.15	18.84	---------- Well Sampled Annually ----------						
	12/14,15/00		12.25	18.74	---------- Well Sampled Annually ----------						
	3/8,9/01		10.49	20.50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	06/14/01		11.97	19.02	---------- Well Sampled Annually ----------						
	09/26/01		12.40	18.59	---------- Well Sampled Annually ----------						
	12/29/01		10.42	20.57	---------- Well Sampled Annually ----------						
	03/13/02		11.01	19.98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
MW-24	03/13,15/96	34.38	10.10	24.28	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96		12.25	22.13	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96		13.28	21.10	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96		12.71	21.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		12.50	21.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		13.38	21.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		13.46	20.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5	5.0
	11/24,25/97		13.25	21.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/19,20/98		11.32	23.06	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	06/04/98		12.00	22.38	<50	<0.30	<0.30	<0.30	<0.60	<10	0.8
	09/21,22/98		13.13	21.25	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.4
	12/14,15/98		12.53	21.85	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.2
	03/15,16/99		11.58	22.80	<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.0
	06/14,15/99	---------- Removed From Gauging and Sampling Program ----------									
MW-25	03/13,14/96	34.12	9.61	24.51	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96		11.30	22.82	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28,29/96		12.32	21.80	<50	<0.50	<0.50	<0.50	<0.50	51	NM
	11/25/96		11.83	22.29	<50	<0.50	<0.50	<0.50	<0.50	110	NM
	03/31-04/01/97		11.55	22.57	<50	<0.50	<0.50	<0.50	<0.50	39	NM
	06/25/97		14.57	19.55	<50	<0.50	<0.50	<0.50	<0.50	49	NM
	09/09,10/97		12.45	21.67	<50	<0.50	<0.50	<0.50	<0.50	78	1.0
	09/09,10/97 a		--	--	--	--	--	--	--	79	--
	11/24,25/97		12.30	21.82	<50	<0.50	<0.50	<0.50	<0.50	130	0.0
	03/19,20/98		10.18	23.94	<50	<0.50	<0.50	<0.50	<0.50	96	1.8
	06/04/98		11.00	23.12	<50	<0.30	<0.30	<0.30	<0.60	44	0.8
	09/21,22/98		12.13	21.99	<50	<0.50	<0.50	<0.50	<0.50	150	0.4
	12/14,15/98		11.60	22.52	<50	<0.50	<0.50	<0.50	<0.50	44	1.0
	03/15,16/99		10.78	23.34	<50	<0.50	<0.50	<0.50	<0.50	26.8	2.0
	06/14,15/99		11.97	22.15	<50	<0.50	<0.50	<0.50	<0.50	88.9	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

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)
	03/31-04/01/97		11.84	21.87	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		12.94	20.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

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

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

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

Please see certified analytical reports for laboratory notes and definitions.

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

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Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

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

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

ATTACHMENT D

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Error Summary Log

07/24/03

EDF 1.2i All files present in deliverable.

Laboratory:	Sequoia Analytical Laboratories, Inc., Morgan Hill, CA
Project Name:	ARCO #608, San Lorenzo, C
Work Order Number:	MMG0039
Global ID:	T0600100085
Lab Report Number:	MMG00390722200309O3

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
MMG0039072220 030903	E-1A	MMG003905	W	CS	8260+OX	SW5030B	06/30/03	07/10/03	07/10/03	3G10010	1	
MMG0039072220 030903	MW-10	MMG003903	W	CS	8260+OX	SW5030B	06/30/03	07/10/03	07/10/03	3G10010	1	
MMG0039072220 030903	MW-11	MMG003904	W	CS	8260+OX	SW5030B	06/30/03	07/10/03	07/10/03	3G10010	1	
MMG0039072220 030903	MW-15	MMG003906	W	CS	8260+OX	SW5030B	06/30/03	07/10/03	07/10/03	3G10010	1	
MMG0039072220 030903	MW-25	MMG003907	W	CS	8260+OX	SW5030B	06/30/03	07/10/03	07/10/03	3G10010	1	
MMG0039072220 030903	MW-5	MMG003901	W	CS	8260+OX	SW5030B	06/30/03	07/09/03	07/09/03	3G09009	1	
MMG0039072220 030903	MW-8	MMG003902	W	CS	8260+OX	SW5030B	06/30/03	07/10/03	07/10/03	3G10010	1	
		MMG003907R1	W	NC	8260+OX	SW5030B	/ /	07/09/03	07/09/03	3G09009	1	
		3G09009BS1	WQ	BS1	8260+OX	SW5030B	/ /	07/09/03	07/09/03	3G09009	1	
		3G09009BS2	WQ	BS2	8260+OX	SW5030B	/ /	07/09/03	07/09/03	3G09009	1	
		3G09009BLK1	WQ	LB1	8260+OX	SW5030B	/ /	07/09/03	07/09/03	3G09009	1	
		3G09009MS1	W	MS1	8260+OX	SW5030B	/ /	07/09/03	07/09/03	3G09009	1	
		3G09009MSD1	W	SD1	8260+OX	SW5030B	/ /	07/09/03	07/09/03	3G09009	1	
		3G10010BS1	WQ	BS1	8260+OX	SW5030B	/ /	07/10/03	07/10/03	3G10010	1	
		3G10010BS2	WQ	BS2	8260+OX	SW5030B	/ /	07/10/03	07/10/03	3G10010	1	
		3G10010BLK1	WQ	LB1	8260+OX	SW5030B	/ /	07/10/03	07/10/03	3G10010	1	
		3G10010MS1	W	MS1	8260+OX	SW5030B	/ /	07/10/03	07/10/03	3G10010	1	
		3G10010MSD1	W	SD1	8260+OX	SW5030B	/ /	07/10/03	07/10/03	3G10010	1	

EDFSAMP: Error Summary Log

07/24/03

Error type	Logcode	Projname	Npdlwo	Sampid	Matrix
There are no errors in this data file					

EDFTEST: Error Summary Log

07/24/03

Error type	Labsampid	Qccode	Anmcode	Exmcode	Anadate	Run number
There are no errors in this data file					/ /	0

EDFRES: Error Summary Log

07/24/03

Error type	Labsampid	Qccode	Matrix	Anmcode	Pvccode	Anadate	Run number	Parlabel
Warning: extra parameter	3G09009MS1	MS1	W	8260+OX	PR	07/09/03	1	GROC6C10
Warning: extra parameter	3G09009MSD1	SD1	W	8260+OX	PR	07/09/03	1	GROC6C10
Warning: extra parameter	3G10010MS1	MS1	W	8260+OX	PR	07/10/03	1	GROC6C10
Warning: extra parameter	3G10010MSD1	SD1	W	8260+OX	PR	07/10/03	1	GROC6C10
Warning: extra parameter	MMG003901	CS	W	8260+OX	PR	07/09/03	1	GROC6C10
Warning: extra parameter	MMG003901	CS	W	8260+OX	PR	07/09/03	1	XYLENES
Warning: extra parameter	MMG003902	CS	W	8260+OX	PR	07/10/03	1	GROC6C10
Warning: extra parameter	MMG003902	CS	W	8260+OX	PR	07/10/03	1	XYLENES
Warning: extra parameter	MMG003903	CS	W	8260+OX	PR	07/10/03	1	GROC6C10
Warning: extra parameter	MMG003903	CS	W	8260+OX	PR	07/10/03	1	XYLENES
Warning: extra parameter	MMG003904	CS	W	8260+OX	PR	07/10/03	1	GROC6C10
Warning: extra parameter	MMG003904	CS	W	8260+OX	PR	07/10/03	1	XYLENES
Warning: extra parameter	MMG003905	CS	W	8260+OX	PR	07/10/03	1	GROC6C10
Warning: extra parameter	MMG003905	CS	W	8260+OX	PR	07/10/03	1	XYLENES
Warning: extra parameter	MMG003906	CS	W	8260+OX	PR	07/10/03	1	GROC6C10
Warning: extra parameter	MMG003906	CS	W	8260+OX	PR	07/10/03	1	XYLENES
Warning: extra parameter	MMG003907	CS	W	8260+OX	PR	07/10/03	1	GROC6C10
Warning: extra parameter	MMG003907	CS	W	8260+OX	PR	07/10/03	1	XYLENES
Warning: extra parameter	MMG003907R1	NC	W	8260+OX	PR	07/09/03	1	GROC6C10
Warning: extra parameter	3G09009BLK1	LB1	WQ	8260+OX	PR	07/09/03	1	GROC6C10
Warning: extra parameter	3G09009BLK1	LB1	WQ	8260+OX	PR	07/09/03	1	XYLENES
Warning: extra parameter	3G09009BS2	BS2	WQ	8260+OX	PR	07/09/03	1	GROC6C10
Warning: extra parameter	3G10010BLK1	LB1	WQ	8260+OX	PR	07/10/03	1	GROC6C10
Warning: extra parameter	3G10010BLK1	LB1	WQ	8260+OX	PR	07/10/03	1	XYLENES
Warning: extra parameter	3G10010BS2	BS2	WQ	8260+OX	PR	07/10/03	1	GROC6C10

EDFQC: Error Summary Log

07/24/03

Error type	Lablotctl	Anmcode	Parlabel	Qccode	Labqcid
There are no errors in this data files					

EDFCL: Error Summary Log

07/24/03

Error type	Clrevdate	Anmcode	Exmcode	Parlabel	Clcode
There are no errors in this data file	/ /				

AB2886 Electronic Delivery

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

Your EDF file has been succcessfully uploaded!

Confirmation Number: 3951270520
Date/Time of Submittal: 7/24/2003 11:47:16 AM
Facility Global ID: T0600100085
Facility Name: ARCO # 00608
Submittal Title: Second Quarter 2003 Groundwater Monitoring Report Site #608
Submittal Type: GW Monitoring Report

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

AB2886 Electronic Delivery

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

UPLOADING A GEO_WELL FILE

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

Submittal Title:	**Second Quarter 2003 Geo Well Site #608**
Submittal Date/Time:	**7/24/2003 11:48:19 AM**
Confirmation Number:	**9640949845**

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CONTACT SITE ADMINISTRATOR.