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Alameda County
MAY 02 2003
Environmental Health

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MAY 04 2003
Environmental Health

April 30, 2003

Mr. Amir K. Gholami
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: First Quarter 2003 Groundwater Monitoring and Remediation Report
ARCO Service Station #608
17601 Hesperian Boulevard
San Lorenzo, California
URS Project #38486167

Dear Mr. Gholami:

On behalf of Atlantic Richfield Company (ARCO - an affiliated company of the Group Environmental Management Company), URS Corporation (URS) is submitting the *First Quarter 2003 Groundwater Monitoring and Remediation Report* for ARCO Service Station #608, located at 17601 Hesperian Boulevard, San Lorenzo, California.

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

Sincerely,
URS CORPORATION

REGISTERED GEOLOGIST
ROBERT M. HORWATH
NO. 5925
4/05
STATE OF CALIFORNIA

Scott Robinson
Project Manager

Robert Horwath, R.G. #5925
Portfolio Manager

Enclosure: First Quarter 2002 Groundwater Monitoring and Remediation 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
500 12th Street, Suite 200
Oakland, CA 94607-4014
Tel: 510.893.3600
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REPORT

FIRST QUARTER 2003 GROUNDWATER MONITORING AND REMEDIATION

ARCO SERVICE STATION #608
17601 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA

Prepared for
Atlantic Richfield Company

April 30, 2003

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

38486167

Date: April 30, 2003

Quarter: 1Q 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 (First – 2003):

1. Performed first quarter 2003 groundwater monitoring event on March 27, 2003.
2. Continued monthly payments to homeowners for not using domestic irrigation wells.
3. Continued homeowner quarterly monitoring result notification program.
4. Continued operation and maintenance of the groundwater extraction and treatment (GWET) system.
5. Submitted monthly flow data to Oro Loma Sanitary District.
6. Backflushed carbon vessels in January.

WORK PROPOSED FOR NEXT QUARTER (Second – 2003):

1. Prepare and submit first quarter 2003 groundwater monitoring and remediation report.
2. Perform second 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. Backflush carbon vessels during first June site visit.

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:	8.53 (MW-14) to 13.63 (E-1A) feet
Groundwater Gradient (direction):	West
Groundwater Gradient (magnitude):	0.002 feet per foot
Frequency of GWET System Lab Sampling:	Monthly

Frequency of GWET System Field Monitoring:	Bi-weekly	
System Restart:	6/5/2000	
Extraction Well:	E-1A	
Permits for Discharge:	Oro Loma Sanitary District Permit No. SDP-037 Expires 8/5/2003	
Gallons of Groundwater Treated and Discharge for this Quarter:	199,309	
Total Gallons of Groundwater Treated and Discharged to Date:	6,422,116	
Total Operation Hours to Date:	48,121	
Mass Removal (pounds):	Quarterly	Cumulatively
TPH-g:	0.12	7.08
Benzene:	0.000	0.31
MTBE:	0.14	2.55
GWET System Samples Collection Dates and Effluent Results (µg/L)::	02/13/2003	03/27/2003
TPH-g:	ND<50	ND<50
Benzene:	ND<0.50	ND<0.50
MTBE:	ND<0.50	ND<0.50

DISCUSSION:

This quarter samples were analyzed by EPA Method 8260B. In addition to TPH-g, BTEX and MTBE, addition fuel oxygenate analysis was added (Table 5). TPH-g was detected in five of the seventeen wells sampled this quarter at concentrations ranging from 63 µg/L (MW-8) to 530 µg/L (MW-10). Benzene was not detected in any of the wells sampled this quarter. TBA was detected in MW-5 at a concentration of 24 µg/L. MTBE was detected in six wells at concentrations ranging from 17 µg/L (MW-15) to 330 µg/L (MW-10). TAME was detected in five wells at concentrations ranging from 0.53 µg/L (MW-8) to 40 µg/L (MW-25).

Domestic irrigation wells 17302VM, 17348VE and 17371VM were not sampled because the wells are not operational. Domestic irrigation wells 634H, 675H and 17203VM were not sampled because residents were not home to grant access to the wells. In the two domestic irrigation wells sampled (642H and 17372VM), all constituents were non-detect.

From January 3, 2003 to March 27, 2003, the system operated 100 percent of the time. During this time period a total of 199,309 gallons of groundwater were treated. Performance data and laboratory analytical data are listed in Tables 6 and 7.

RECOMMENDATIONS:

We recommend contacting the homeowners for domestic irrigation wells 17302VM, 17348VE and 17371VM to see about having ARCO destroy wells for them since the wells are not operational.

We recommend 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.

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 – March 27, 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**
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**
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**
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**
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**
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**

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)
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**
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**
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**
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**

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**
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**
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**
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**
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**

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)
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**
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**
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**
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**
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**

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-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**
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**
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**
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**
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**

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.
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**

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)
MW-5	03/27/03	ND<100	24	59	ND<0.50	ND<0.50	2.2
MW-8	03/27/03	ND<100	ND<20	33	ND<0.50	ND<0.50	0.53
MW-9	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-10	03/27/03	ND<1,000	ND<200	330	ND<5.0	ND<5.0	15
MW-11	03/27/03	ND<100	ND<20	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
MW-14	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-15	03/27/03	ND<100	ND<20	17	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
MW-18	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-21	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-22	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-23	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-25	03/27/03	ND<100	ND<20	90	ND<0.50	ND<0.50	40
MW-26	03/27/03	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50
642 H	3/27/2003	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50
17372 VM	3/27/2003	ND<100	ND<20	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Note = All fuel oxygenate compounds analyzed using EPA Method 8260B
TBA = tert-Butyl alcohol
MTBE = Methyl tert-butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tert butyl ether
TAME = tert-Amyl methyl ether
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**

REPORTING PERIOD:	**01/03/03 to 03/27/03**				
TOTAL GALLONS EXTRACTED:	**6,422,116**				
PERIOD GALLONS EXTRACTED:	**199,309**				
TOTAL POUNDS REMOVED:		**7.08**	**0.31**	**2.55**	
TOTAL GALLONS REMOVED:		**1.16**	**0.04**	**0.35**	
AVERAGE PERIOD FLOW RATE (gpm):	**1.67**				
PERIOD PERCENT OPERATIONAL:	**100%**				
PERIOD POUNDS REMOVED:		**0.12**	**0.000**	**0.14**	
PERIOD GALLONS REMOVED:		**0.02**	**0.000**	**0.02**	

Table 6
Groundwater Extraction System Performance Data

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

TPH-g = Total purgeable petroleum hydrocarbons as gasoline	a. Totalizer broken; volume estimated from hourmeter and flow rate.
gpm = Gallons per minute	b. Volume estimated from hourmeter and instantaneous flow rate.
µg/L = Micrograms per liter	c. Sewer totalizer replaced July 28, 1994; volume discharged estimated between July 14 and 28, 1994 at 2.0 gpm.
N/A = Not available or not applicable	d. GWE system temporarily shut down August 21, 1995.
ND = Not detected above detection limit	e. GWE system restarted June 5, 2000.
NS = Not sampled	f. Prior to June 5, 2000 primary carbon loading for benzene estimated using isotherm of 8 percent by weight.
† = Assume same concentration as prior sampling event	g. Cannot predict Primary carbon MtBE loading because MtBE wasn't tracked prior to 6/5/00.
	h. System down during construction to main sewer line from approx. 6/25/01; restarted 8/14/01.
Densities: Gasoline = 6.1 lbs/gallon; Benzene = 7.34 lbs/gallon.	i. Hour meter reading not functioning.
MtBE not quantified prior to 6/5/00	j. Hour meter replaced.

Equations: Net Dissolved TPH-g Removed [pounds] = TPH-g concentration, [ug/L] x net volume (gallon) x density of gasoline [pound/gallon]
(Net dissolved TPH-g removed is calculated by averaging influent concentrations)

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.

Table 7
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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)
INFL (influent to primary carbon)									
09/26/91	38	4.8	0.6	1.6	1.1	NS	NS	NS	NA
10/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
11/22/91	ND<30	0.5	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
12/19/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
01/16/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
02/19/92	370	14	0.34	14	2.4	NS	NS	NS	NA
03/17/92	160	18	0.32	0.56	1.6	NS	NS	NS	NA
04/15/92	200	11	ND<0.3	7.3	0.77	NS	NS	NS	NA
05/14/92	45	1.4	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
06/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
07/14/92	97	25	ND<0.5	8.5	ND<0.5	NS	NS	NS	NA
08/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
09/15/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
10/16/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
11/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
12/17/92	96	7.7	13	0.56	9.7	NS	NS	NS	NA
01/18/93	100	13	6.6	1.1	11	NS	NS	NS	NA
02/22/93	480	36	29	4.9	96	NS	NS	NS	NA
03/15/93	310	29	14	4.9	55	NS	NS	NS	NA
04/09/93	140	11	2.8	2.6	17	NS	NS	NS	NA
05/13/93	530	27	12	18	96	NS	NS	NS	NA
06/04/93	170	5.2	1.6	2.5	23	NS	NS	NS	NA
07/20/93	200	12	0.91	8.2	29	NS	NS	NS	NA
08/16/93	150	4.9	0.63	2.9	15	NS	NS	NS	NA
09/13/93	80	2.2	ND<0.5	ND<0.5	4.8	NS	NS	NS	NA
10/08/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
11/19/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
12/21/93	73	3.5	ND<0.5	1.9	8.4	NS	NS	NS	NA
01/18/94	60	3.1	ND<0.5	3.2	4.3	NS	NS	NS	NA
02/17/94	ND<50	2.5	ND<0.5	2.1	3.1	NS	NS	NS	NA
03/15/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
04/21/94	110	7.8	ND<1.0	9.6	ND<1.0	NS	NS	NS	NA
05/13/94	230	8.3	ND<0.5	14	6.0	NS	NS	NS	NA
06/14/94	230	12	ND<0.5	16	1.5	NS	NS	NS	NA
07/14/94	270	6.9	ND<0.5	15	1.9	NS	NS	NS	NA
08/18/94	ND<50	1.8	ND<0.5	1.5	ND<0.5	NS	NS	NS	NA
09/12/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
10/18/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
11/05/94	ND<50	0.66	ND<0.5	2.6	ND<0.5	NS	NS	NS	NA
12/05/94	470	32	0.59	29	6.2	NS	NS	NS	NA
01/04/95	ND<50	1.1	ND<0.50	1.4	ND<0.50	NS	NS	NS	NA
02/06/95	100	2.4	1.1	1.2	2.8	NS	NS	NS	NA
03/02/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA
04/04/95	290	6.6	ND<0.50	10	1.7	NS	NS	NS	NA
05/02/95	240	7.1	ND<0.50	3.2	1.6	NS	NS	NS	NA
06/05/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA
07/06/95	270	2.4	ND<0.50	7.6	1.0	NS	NS	NS	NA
08/21/95	230	1.8	ND<0.50	1.6	0.9	NS	NS	NS	NA
06/05/00	700	7.24	ND<1.00	2.11	ND<1.00	361	NS	NS	NA
07/08/00	133	5.09	0.598	ND<0.500	ND<0.500	272	NS	NS	NA

Table 7
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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)
INFL (influent to primary carbon) (cont.)									
08/10/00	144	2.80	ND<0.500	1.04	ND<0.500	126	NS	NS	NA
09/08/00	261	2.74	0.826	0.626	ND<0.500	120	NS	NS	NA
10/10/00	114	ND<0.500	1.68	0.843	ND<0.500	ND<2.50	NS	NS	NA
11/07/00	128	ND<0.500	ND<0.500	ND<0.500	ND<0.500	98.6	NS	NS	NA
12/05/00	167	0.775	ND<0.500	ND<0.500	ND<0.500	104	NS	NS	NA
01/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	86.8	NS	NS	NA
02/06/01	203	0.572	ND<0.500	0.513	ND<0.500	80.5	NS	NS	NA
03/08/01	219	ND<0.500	6.16	1.21	0.682	81.0	NS	NS	NA
04/18/01	74.5	ND<0.500	ND<0.500	ND<0.500	ND<0.500	97.5	NS	NS	NA
05/04/01	63.3	ND<0.500	ND<0.500	ND<0.500	ND<0.500	93.2	NS	NS	NA
06/09/01	64	ND<0.50	ND<0.50	ND<0.50	ND<0.50	71	NS	NS	NA
07/05/01	100	ND<0.50	2.5	ND<0.50	ND<0.50	430	NS	NS	NA
08/14/01	290	2.2	3.5	ND<1.0	ND<1.0	870	NS	NS	NA
09/05/01	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	340	NS	NS	NA
10/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	150	NS	NS	NA
11/13/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	92	NS	NS	NA
12/11/01	65	ND<0.50	0.58	ND<0.50	ND<0.50	83	NS	NS	NA
01/04/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	NS	NS	NA
02/05/02	100	ND<0.50	ND<0.50	ND<0.50	ND<0.50	190	NS	NS	NA
03/05/02	150	ND<1.2	ND<1.2	ND<1.2	ND<1.2	350	NS	NS	NA
04/08/02	400	9.6	ND<1.0	1.4	ND<1.0	260	NS	NS	NA
05/16/02	310	ND<1.0	ND<1.0	ND<1.0	ND<1.0	330	NS	NS	NA
10/07/02	160	4.1	ND<1.0	ND<1.0	ND<1.0	130	NS	NS	NA
11/07/02	250	ND<0.50	10	0.70	0.77	210	NS	NS	NA
12/05/02	220	ND<1.0	ND<1.0	ND<1.0	ND<1.0	110	NS	NS	NA
01/03/03	170	ND<1.0	ND<1.0	ND<1.0	ND<1.0	140	NS	NS	NA
02/13/03	**ND<250**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**4.5**	**66**	**NS**	**NS**	**NA**
03/27/03	**110**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**71**	**NS**	**NS**	**NA**

Table 7
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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)
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
10/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
12/19/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
01/16/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
02/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
03/17/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
04/15/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
05/14/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
06/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
07/14/92	NS	NS	NS	NS	NS	NS	NS	NS	NA
08/18/92	NS	NS	NS	NS	NS	NS	NS	NS	NA
09/15/92	NS	NS	NS	NS	NS	NS	NS	NS	NA
10/16/92	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/18/92	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/17/92	NS	NS	NS	NS	NS	NS	NS	NS	NA
01/18/93	NS	NS	NS	NS	NS	NS	NS	NS	NA
02/22/93	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/15/93	NS	NS	NS	NS	NS	NS	NS	NS	NA
04/09/93	NS	NS	NS	NS	NS	NS	NS	NS	NA
05/13/93	NS	NS	NS	NS	NS	NS	NS	NS	NA
06/04/93	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/14/94	ND	ND	ND	ND	ND	NS	NS	NS	NA
08/17/94	NS	NS	NS	NS	NS	NS	NS	NS	NA
09/12/94	NS	NS	NS	NS	NS	NS	NS	NS	NA
10/18/94	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/05/94	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/05/94	NS	NS	NS	NS	NS	NS	NS	NS	NA
01/04/95	NS	NS	NS	NS	NS	NS	NS	NS	NA
02/06/95	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/02/95	NS	NS	NS	NS	NS	NS	NS	NS	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
07/08/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	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
09/08/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA
10/10/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	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
12/05/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	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
02/06/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	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
04/18/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	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
06/09/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
07/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
08/14/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
09/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
10/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
11/13/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.3	NS	NS	NA
12/11/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.7	NS	NS	NA
01/04/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9.0	NS	NS	NA
02/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	26	NS	NS	NA

Table 7
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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)
MID-1 (cont.)									
03/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17	NS	NS	NA
04/08/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	39	NS	NS	NA
05/16/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	58	NS	NS	NA
10/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	55	NS	NS	NA
11/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	100	NS	NS	NA
12/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	51	NS	NS	NA
01/03/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	66	NS	NS	NA
02/13/03	**ND<250**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**130**	**NS**	**NS**	**NA**
03/27/03	**ND<250**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**ND<2.5**	**120**	**NS**	**NS**	**NA**
MID-2 (between secondary and tertiary carbons)									
06/05/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA
07/08/00	NS	NS	NS	NS	NS	NS	NS	NS	NA
09/08/00	NS	NS	NS	NS	NS	NS	NS	NS	NA
10/10/00	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/07/00	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/05/00	NS	NS	NS	NS	NS	NS	NS	NS	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
02/06/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	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
04/18/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	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
06/09/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
07/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
08/14/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
09/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
10/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
11/13/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
12/11/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
01/04/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
02/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
03/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
04/08/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.7	NS	NS	NA
05/16/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
10/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
11/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
12/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
01/03/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA
02/13/03	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**1.0**	**NS**	**NS**	**NA**
03/27/03	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**0.94**	**NS**	**NS**	**NA**

Table 7
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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)
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
10/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
11/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
12/19/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
01/16/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
02/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
03/17/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
04/15/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
05/14/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
06/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA
07/14/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
08/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
09/15/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
10/16/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
11/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
12/17/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
01/18/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
02/22/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
03/15/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
04/09/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
05/13/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
06/04/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
07/20/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
08/16/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
09/13/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
10/08/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
11/19/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
12/21/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
01/18/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
02/17/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
03/15/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
04/21/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
05/13/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
06/14/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
07/14/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
08/17/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
09/12/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
10/18/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
11/05/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
12/05/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA
01/04/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA
02/06/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA
03/02/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA
04/04/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA
05/02/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA
06/05/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA
07/06/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA
08/21/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	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
06/12/00	ND<50.0	NS	NS	NS	NS	NS	NS	NS	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

Table 7
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

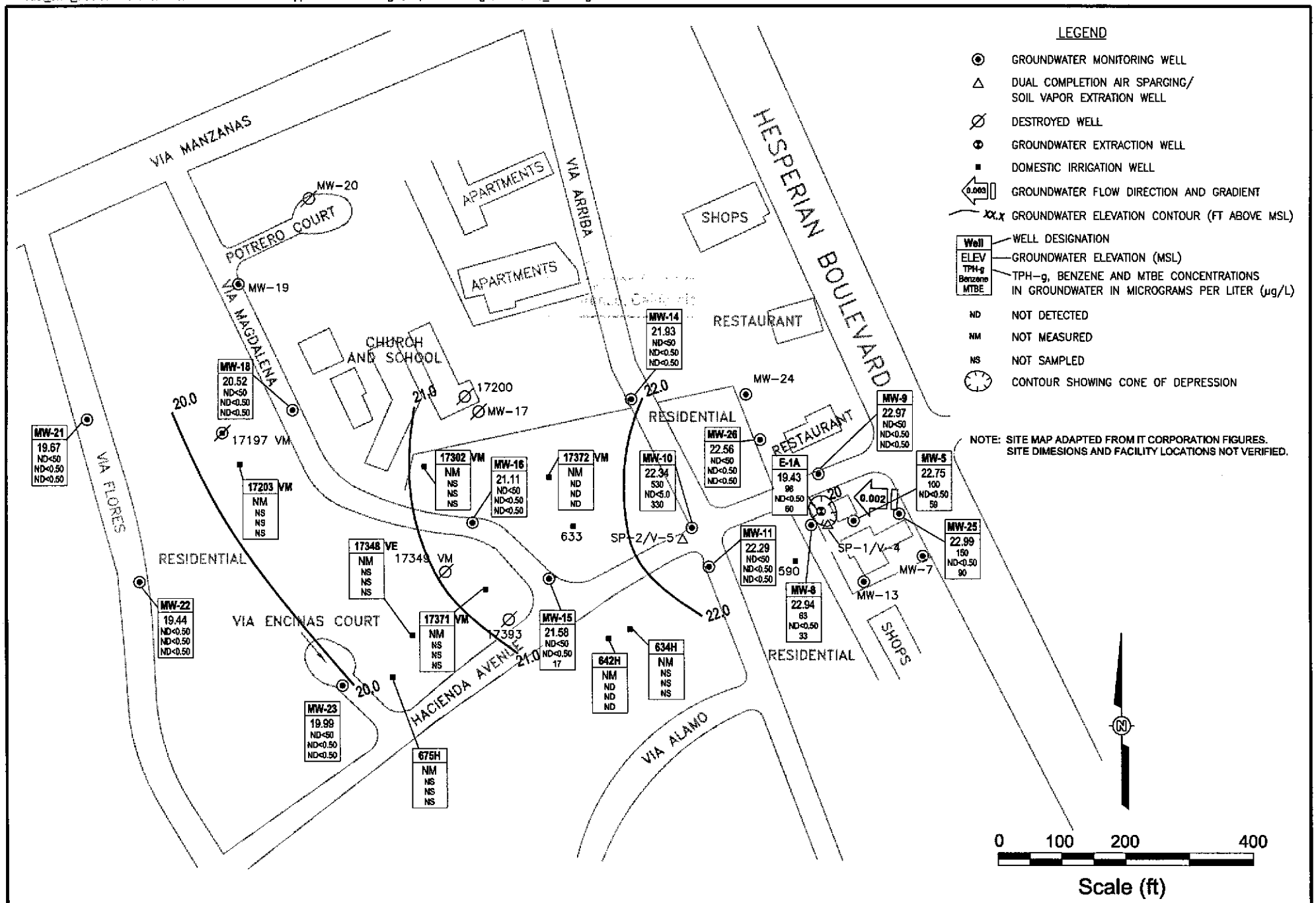
ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

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)
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
10/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	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
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
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
02/13/03	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<30**	**ND<10**	**7.15**
03/27/03	**ND<50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**ND<0.50**	**32**	**ND<10**	**7.5**

TPH-g =Total purgeable petroleum hydrocarbons as gasoline
MtBE =Methyl tert Butyl Ether
COD =Chemical oxygen demand
TSS =Total suspended solids
µg/L =Micrograms per liter
mg/L =Miligrams per liter
ND< =Denotes minimum laboratory detection limit.
NA =Not applicable or not available
NS =Not sampled
ND =Not detected

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.
Beginning 02/13/03 all constituents are analyzed with EPA Method 8260B.

X:\x_env_waste\BP GEM\Sites\Scott Robinson\Paul Supple\0608\Monitoring\Qtr.1,2003\Drawings\GWEC-AS_9-20.dwg



URS	Project No. 38486167 Arco Service Station #0608 17601 Hesperian Boulevard San Lorenzo, California	Groundwater Elevation Contour and Analytical Summary Map First Quarter 2003 (March 27, 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

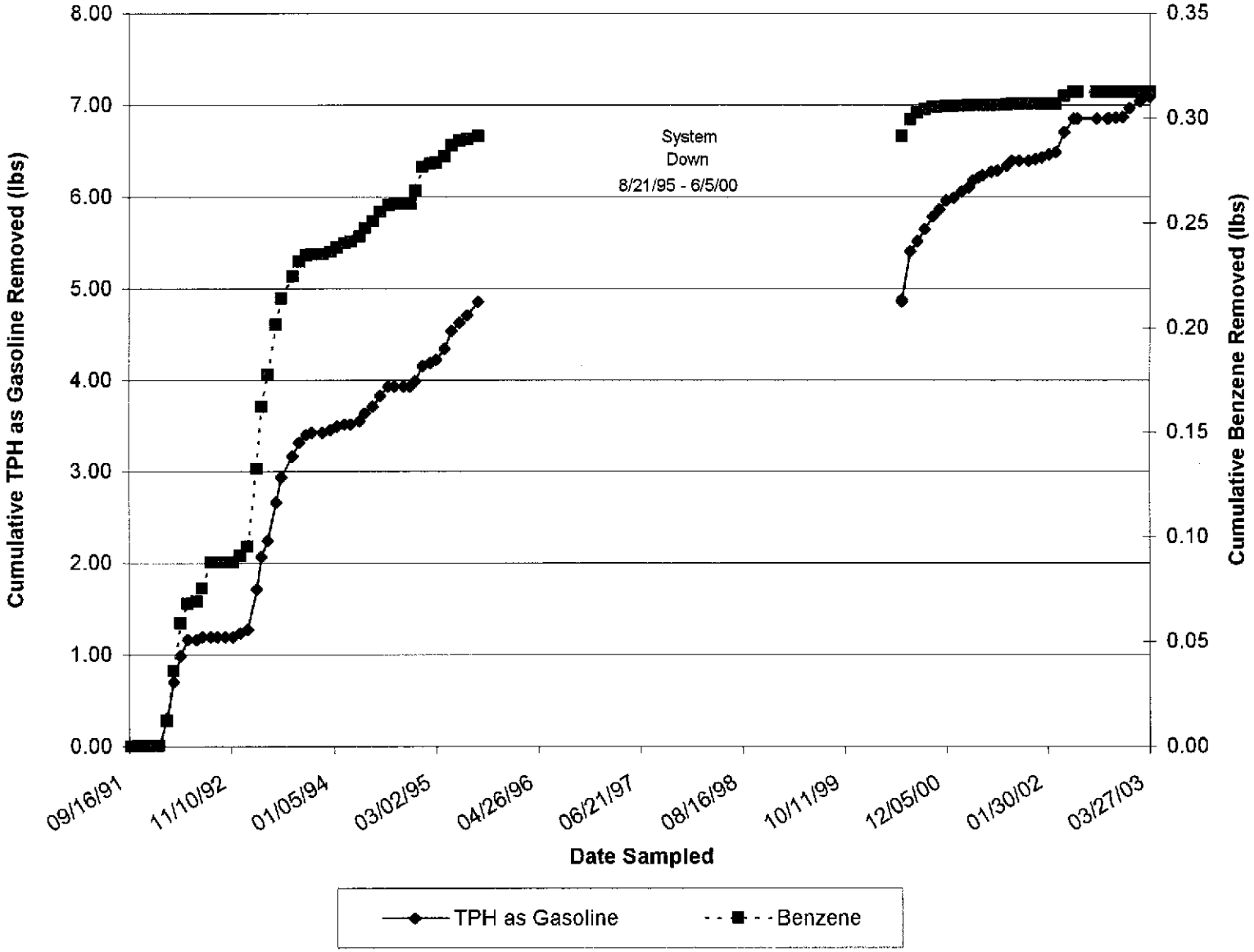


Figure 3
Groundwater Extraction System Concentration Trend
TPH-g and Benzene

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

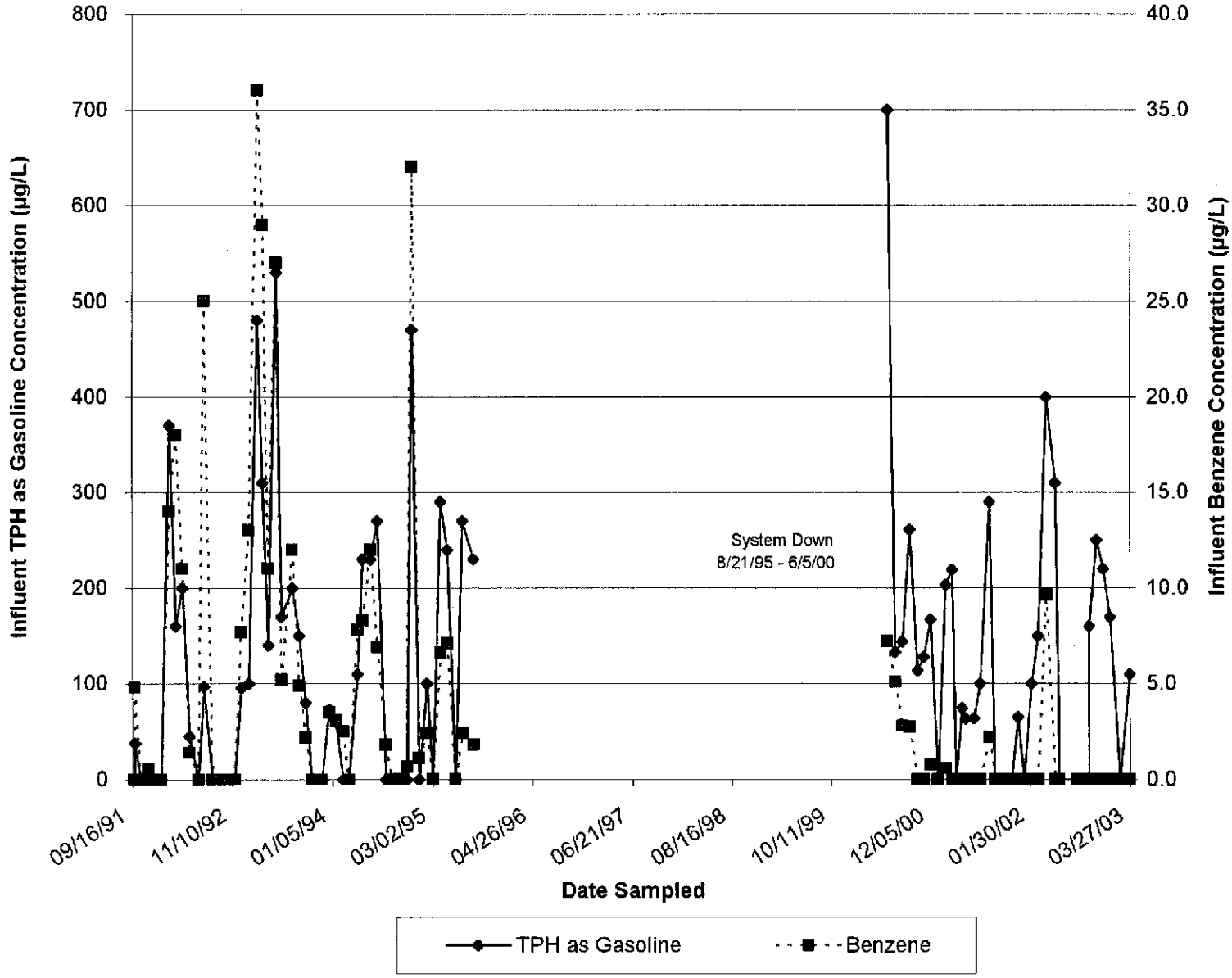


Figure 4
Groundwater Extraction System Mass Removal Trend
MtBE

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

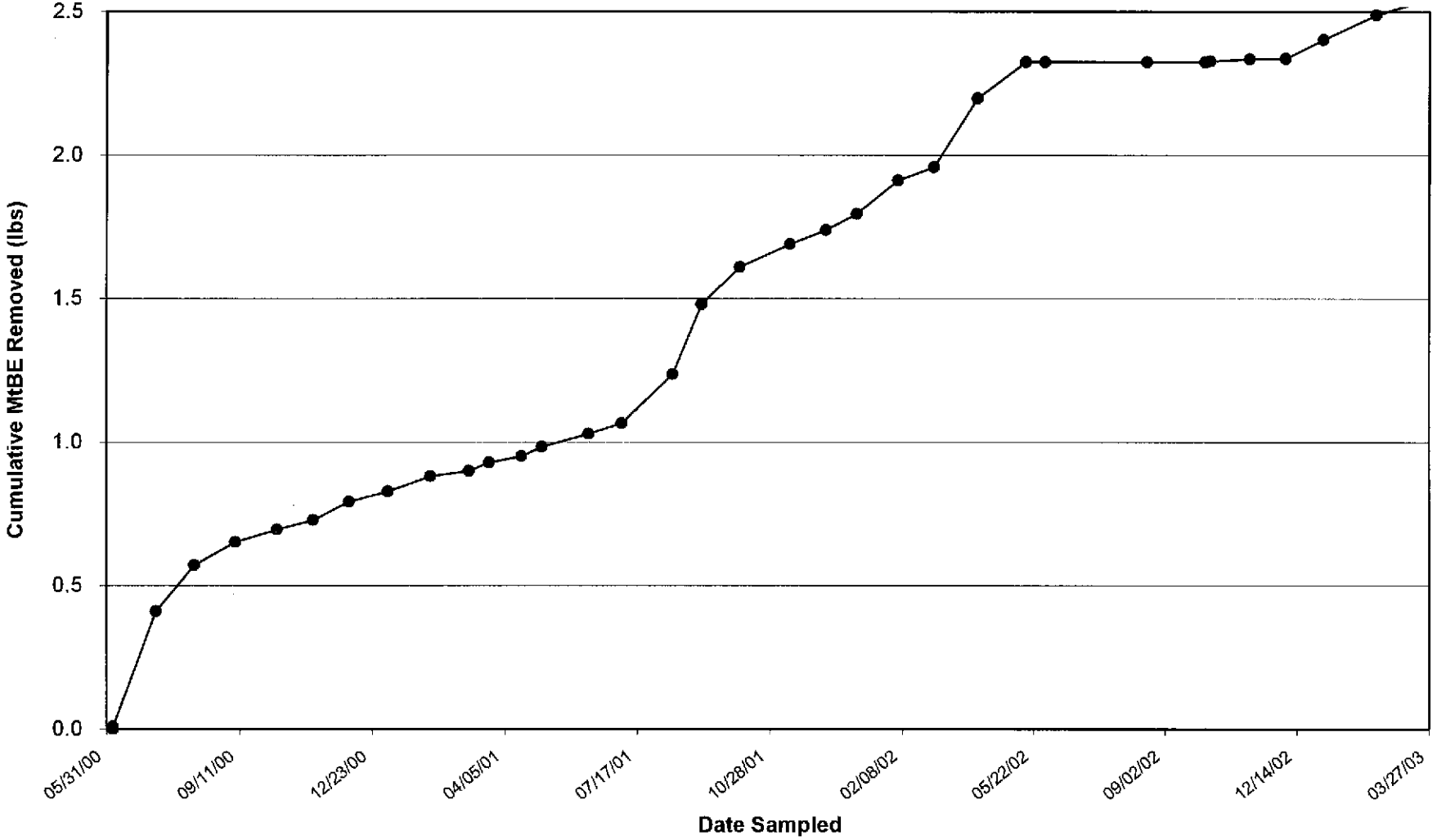
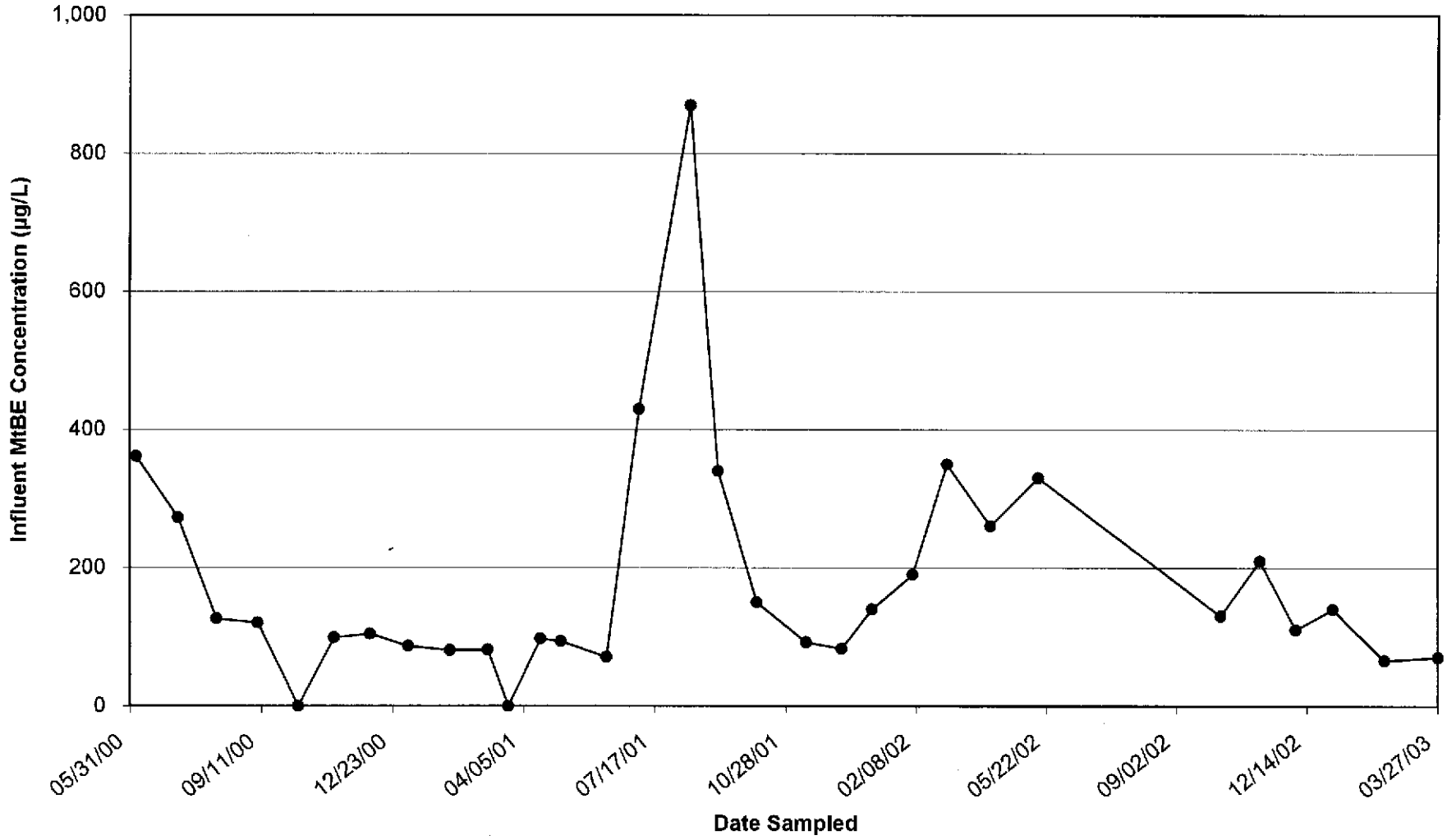


Figure 5
Groundwater Extraction System Concentration Trend
MtBE

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 # 030327-MT1 Date ~~030327~~ 3-27-03 Client #1008

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					11.24	13.65		
MW-8	3					9.85	20.95		
MW-9	3					9.14	18.30		
MW-10	3					9.33	22.45		
MW-11	3					10.25	18.74		
E-1A	6					13.63	—		Pump ON
MW-14	3					8.53	23.00		
MW-15	3					9.83	23.21		
MW-16	3					10.28	23.10		
MW-18	3					9.18	21.55		
MW-21	3					9.05	21.60		
MW-22	3					9.85	21.50		
MW-23	3					11.00	21.70		
MW-25	2					10.82	19.50		
MW-20	2					11.15	19.45	TOC	

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030327-MT1	Station # 6008
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 13.65	Depth to Water: 11.24
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.

1.6 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 4.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1515	64.5	7.0	766	1.6	
1520	64.4	7.0	776	3.2	
1525	64.5	7.0	792	4.8	

Did well dewater? Yes (No) Gallons actually evacuated: 4.8

Sampling Time: 1530 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & 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 #: 030327-MT1	Station # 6608
Sampler: M. Toll	Date: 03-27-03
Well I.D.: MW-8	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth: 20.95	Depth to Water: 9.85
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 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 12.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1455	66.1	7.2	892	4.1	
1459	66.0	7.1	880	8.2	
1505	66.0	7.2	881	12.3	

Did well dewater? Yes (No) Gallons actually evacuated: 12.3

Sampling Time: 1510 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & Ethanol by 8260

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030327-MT1	Station # 6608
Sampler: M.TOLL	Date: 03-27-03
Well I.D.: MW-9	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 18.30	Depth to Water: 9.14
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.

3.4 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 10.2 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
1348	66.1	7.3	919	3.4	
1351	65.3	7.3	910	6.8	
1355	65.2	7.3	911	10.2	

Did well dewater? Yes (No) Gallons actually evacuated: 10.2

Sampling Time: 1400 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & 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 #: 030327-MT1	Station # 6008
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: MW-10	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 22.45	Depth to Water: 9.33
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.

4.8 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 14.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1535	64.3	7.2	847	4.8	Odor
1540	64.2	7.2	845	9.6	"
1545	64.2	7.2	843	14.4	

Did well dewater? Yes (No) Gallons actually evacuated: 14.4

Sampling Time: 1550 Sampling Date: 03-27-03

Sample I.D.: MW-10 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 #: 030327-MT1	Station # 608
Sampler: M.TOLL	Date: 03-27-03
Well I.D.: MW-11	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 18.74	Depth to Water: 10.25
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 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 9.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1235	64.6	7.2	979	3.1	
1239	64.5	7.2	978	6.2	
1243	64.5	7.2	979	9.3	

Did well dewater? Yes (No) Gallons actually evacuated: 9.3

Sampling Time: 1250 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & Ethanol by 8260

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030327-MT1	Station # 6008
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: MW-14	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 23.00	Depth to Water: 8.53
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.

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1300	64.5	7.3	1019	5.4	
1306	64.6	7.3	1029	10.8	
1312	64.6	7.3	1020	16.2	

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

Sampling Time: 1320 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & Ethanol by 8260

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge):	1.5 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030327-MT1	Station # 608
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: MW-15	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 23.21	Depth to Water: 9.83
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.

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1146	62.6	7.2	896	5	
1152	62.7	7.1	890	10	
1158	62.9	7.1	895	15	

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

Sampling Time: 1200 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & Ethanol by 8260

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030327-MT1	Station # 6008
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: MW-16	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 23.10	Depth to Water: 10.28
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.

4.7 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 14.1 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1124	64.3	7.2	873	4.7	
1129	64.5	7.2	852	9.4	
1133	64.6	7.2	850	14.1	

Did well dewater? Yes (No) Gallons actually evacuated: 14.1

Sampling Time: 1140 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & 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 #: 030327-MT1	Station # 6008
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: MW-18	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 21.55	Depth to Water: 9.18
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.

4.6 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 13.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1105	62.2	7.2	1626	4.6	
1110	62.6	7.3	1629	9.2	
1115	62.8	7.3	1629	13.8	

Did well dewater? Yes (No) Gallons actually evacuated: 13.8

Sampling Time: 1120 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: DIPE & Ethanol by 8260

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge):	1.9 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030327-MT1	Station # 6008
Sampler: M.TOLL	Date: 03-27-03
Well I.D.: MW-2	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 21.60	Depth to Water: 9.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

4.6 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 13.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
0955	63.7	7.3	1044	4.6	
1000	63.6	7.1	1040	9.2	
1005	63.2	7.1	1029	13.8	

Did well dewater? Yes (No) Gallons actually evacuated: 13.8

Sampling Time: 1010 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & Ethanol by 8260

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge):	2.1 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030327-MT1	Station # 6008
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: MW-22	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 21.50	Depth to Water: 9.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

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

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1020	61.8	7.3	933	4.3	
1025	62.0	7.3	917	8.6	
1030	62.0	7.3	907	12.9	

Did well dewater? Yes (No) Gallons actually evacuated: 12.9

Sampling Time: 1035 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & 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 #: 030327-MT1	Station # 6008
Sampler: M.TOLL	Date: 03-27-03
Well I.D.: MW-23	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth: 21.70	Depth to Water: 11.00
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	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.

3.9 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 11.7 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1045	62.4	7.2	1019	3.9	
1050	62.7	7.2	1023	7.8	
1055	62.7	7.1	1029	11.7	

Did well dewater? Yes (No)		Gallons actually evacuated: 11.7	
Sampling Time: 1100		Sampling Date: 03-27-03	
Sample I.D.: MW-23		Laboratory: Pace (Sequoia) Other____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D		Other: Oxys & Ethanol by 8260	
D.O. (if req'd):	Pre-purge: ____ mg/L	(Post-purge):	1.1 mg/L
O.R.P. (if req'd):	Pre-purge: ____ mV	Post-purge:	____ mV

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030327-MT1	Station # 6008
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: MW-25	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 18.50	Depth to Water: 10.82
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
1419	65.3	7.2	998	1.2	
1421	65.2	7.2	1000	2.4	
1423	65.4	7.2	1001	3.6	

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

Sampling Time: 1430 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & Ethanol by 8260

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030327-MT1	Station # 6008
Sampler: M. Tol1	Date: 03-27-03
Well I.D.: MW-26	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.45	Depth to Water: 11.15
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.

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

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1320	66.3	7.3	977	1.4	
1322	66.9	7.2	973	2.8	
1324	67.4	7.2	972	4.2	

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

Sampling Time: 1330 Sampling Date: 03-27-03

Sample I.D.: MW-26 Laboratory: Pace (Sequoia) Other _____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & Ethanol by 8260

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030327-MT1	Station # 6008
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: E-1A	Well Diameter: 2 3 4 (6) 8 ____
Total Well Depth: —	Depth to Water: 13.63
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	Calculated Volume
_____	x	(X) RAN for 3 min	_____ Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1440	69.3	7.3	964	—	
	— Pump was ON when I arrived.				
	— Turned it off to pH gauge & Purge				
	— Pump was on when I came to sample Turned it off to				
	— Pump into truck & Turned it on when I left.				

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

Sampling Time: 1445 Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & 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 #: 030327-MT1	Station # 6008
Sampler: M. TOLL	Date: 03-27-03
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	Specified Volumes	=	Calculated Volume Gals.
_____	X	3	=	_____

Time	Temp (°F)	pH	Conductivity (mS or (uS))	Gals. Removed	Observations
1605	63.9	7.3	948	—	

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

Sampling Time: 1605 Sampling Date: 03-27-03

Sample I.D.: 642 H Laboratory: Pace (Sequoia) Other _____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys + Ethanol by 8260

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

ARCO / BP WELL MONITORING DATA SHEET

BTS #: 030327-MT1	Station # 6608
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: 17372 VM	Well Diameter: 2 3 4 6 8 ____
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	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 5 (Specified Volumes) = _____ (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or (µS))	Gals. Removed	Observations
1615	61.9	7.5	911	—	

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

Sampling Time: 1615 Sampling Date: 03-27-03

Sample I.D.: 17372VM Laboratory: Pace (Sequoia) Other _____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & 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 #: 030327-MT1	Station # 6008
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: ~~MW~~ 17197V M	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
	Pump & well Abandoned				

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 03-27-03	
Sample I.D.:		Laboratory: Pace (Sequoia) Other_____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D		Other: Oxys + 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 #: 030327-MT1	Station # 6008
Sampler: M.TOLL	Date: 03-27-03
Well I.D.: ~~MW~~ 7203 MW	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				

Did well dewater? Yes / No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 03-27-03	
Sample I.D.:		Laboratory: Pace (Sequoia) Other_____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D		Other: Ox 4'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 #: 030327-MT1	Station # 6008
Sampler: M. Tell	Date: 03-27-03
Well I.D.: ~~MW~~ 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	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	Specified Volumes	=	Calculated Volume
_____	X	3	=	_____ Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	Pump Not	working &	No	ONE Home	

Did well dewater? Yes / No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 03-27-03	
Sample I.D.:		Laboratory: Pace (Sequoia) Other _____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D	Other: Oxys & 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 #: 030327-MT1	Station # 608
Sampler: M. Toll	Date: 03-27-03
Well I.D.: ~~Vol~~ 17349 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	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
	Pump & Well Abandoned				

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

Sampling Time: — Sampling Date: 03-27-03

Sample I.D.: — Laboratory: Pace (Sequoia) Other ____

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & 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 #: 030327-MT1	Station # 6008
Sampler: M.Toll	Date: 03-27-03
Well I.D.: VM 17-371 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	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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	Pump does not work				

Did well dewater? Yes No	Gallons actually evacuated:
Sampling Time:	Sampling Date: 03-27-03
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 #: 030327-MT1	Station # 608
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: ~~ME~~ 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.

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

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	ND DNE		Home		

Did well dewater? Yes / No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 03-27-03	
Sample I.D.:		Laboratory: Pace (Sequoia) Other _____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D	Other: Oxys & 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 #: 030327-MT1	Station # 6085
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: 675 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) = _____ (Calculated Volume) Gals.

Time	Temp (°F)	pH	Conductivity (mS or µS)	Gals. Removed	Observations
	NO	ONE	Home		

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: Sampling Date: 03-27-03

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

Analyzed for: (TPH-G) (BTEX) MTBE TPH-D Other: Oxys & 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 #: 030327-MT1	Station # 6008
Sampler: M. TOLL	Date: 03-27-03
Well I.D.: 6008	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
	Pump Not functioning				

Did well dewater? Yes No		Gallons actually evacuated:	
Sampling Time:		Sampling Date: 03-27-03	
Sample I.D.:		Laboratory: Pace (Sequoia) Other _____	
Analyzed for: (TPH-G) (BTEX) MTBE TPH-D		Other: Oxys & 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

On-site Time: 0775	Temp: 65°
Off- site Time: 1645	Temp: 75°
Sky Conditions: Sunny	
Meteorological Events:	
Wind Speed:	Direction:

Project Name 030327-MT1

BP BU/GEM CO Portfolio:

BP Laboratory Contract Number:

Date: 03-27-03 Requested Due Date (mm/dd/yy)

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.: 35-00000608.01 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	Water/Liquid	Sediments	Air	Laboratory No.	No. of containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	Requested Analysis: TPH-G / BTEX (8015 / 8021) (8260)	TPH –D (8015)	MTBE (8021)	MTBE, TAME, ETBE DIPE, TBA (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)	Sample Point Lat/Long and Comments
1	MW-5	1530		X				3				X	X			X		X	
2	MW-8	1510		X				3				X	X			X		X	
3	MW-9	1400		X				3				X	X			X		X	
4	MW-10	1550		X				3				X	X			X		X	
5	MW-11	1250		X				3				X	X			X		X	
6	E-1A	1445		X				3				X	X			X		X	
7	MW-14	1320		X				3				X	X			X		X	
8	MW-15	1200		X				3				X	X			X		X	
9	MW-16	1140		X				3				X	X			X		X	
10	MW-18	1120		X				3				X	X			X		X	

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Michael Toll						
Sampler's Company: BTS	BTS	3/27/03	1420		3/28/03	1420
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

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

Custody Seals In Place Yes____ No____ Temperature Blank Yes____ No____ Cooler Temperature on Receipt ____°F/C Trip Blank Yes____ No____

Chain of Custody Record

On-site Time: 0745	Temp: 65°
Off- site Time: 1545	Temp: 75°
Sky Conditions: Sunny	
Meteorological Events:	
Wind Speed:	Direction:

Project Name 030327-MT1
BP BU/GEM CO Portfolio:
BP Laboratory Contract Number:
Date: 03-27-03 **Requested Due Date (mm/dd/yy)**

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. 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.: 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:			Matrix					Preservatives						Requested Analysis										
Item No.	Sample Description	Time	Soil/Solid	Water/Liquid	Sediments	Air	Laboratory No.	No. of containers	Unpreserved	H_2SO_4	HNO_3	HCl		TPH-G / BTEX (8015 / 8020) (8260)	TPH -D (8015)	MTBE (8021)	MTBE, TAME, ETBE DIPE, TBA (8260)	1,2-DCA & EDB (8260)	Ethanol (8260)					Sample Point Lat/Long and Comments
1	MW-21	1010		X				3				X		X			X		X					
2	MW-22	1035		X				3				X		X			X		X					
3	MW-23	1100		X				3				X		X			X		X					
4	MW-25	1430		X				3				X		X			X		X					
5	MW-26	1330		X				3				X		X			X		X					
6	6421	1605		X				3				X		X			X		X					Confirm all MTBE hits @ 6421 & 17372VM.
7	17372 VM	1615		X				3				X		X			X		X					
8																								
9																								
10																								

Sampler's Name: Michael Toll	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: BTS	Hull / BTS	3/28/03	1420		3/28/03	1420
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

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

Custody Seals In Place Yes____ No____ Temperature Blank Yes____ No____ Cooler Temperature on Receipt ____°F/C Trip Blank Yes____ No____

WELLHEAD INSPECTION CHECKLIST

Client D608 Date 3-27-03

Site Address 1760 Hesperian Blvd., San Lorenzo

Job Number 030327-MT1 Technician M. Todd

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-5		✓						
MW-8								
MW-9		✓		✓	✓			
MW-10	✓							
MW-11	✓							
E-1A	✓							
MW-14	✓							
MW-15				✓	✓			
MW-16				✓	✓			
MW-18		✓						
MW-21		✓		✓	✓			
MW-22		✓		✓	✓			
MW-23		✓		✓	✓			
MW-25		✓						
MW-26				✓	✓			A

NOTES: (A) Tabs Striped

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:

Station # ARCO 0608
17601 HESPARIAN BLVD
SAN LORENZO

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

157

added equip. rinse water 3

any other adjustments

TOTAL GALS. RECOVERED 160

loaded onto BTS vehicle # 52

BTS event # 030327MNT

time 1245

date 3/27/03

signature

* *

REC'D AT BTS

time 1715

date 3/27/03

unloaded by

signature

Date: 1/16/03

Groundwater Extraction & Treatment System
ARCO Service Station 0608
17601 Hesperian Boulevard
821803 (00008000)
June 14, 2001

System Description:

Groundwater Pumps

Well	Type	Size	Control	Set Depth (TOB)
E-1A	Electric	3"	panel	23.9'

Carbon Vessels: Three ASC-1,200
Filter: Rosedale P2 25 micron

PART A: SYSTEM DATA (Semi-Monthly)

System on upon arrival? Operating (if no, specify reason in comments)

ELECTRIC METER READING (kw hrs)	32101	HOUR METER READING (hrs)	1486.2

MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	2625783	2625812
FILTER INLET PRESSURE (psig)	10.0	(ideal range: 8 to 12 psig) 8.0
CARBON #1 INLET PRESSURE (psig)	5.2	(ideal range: 5 to 9 psig) 5.0
CARBON #2 INLET PRESSURE (psig)	5.0	(ideal range: 1 to 4 psig) 5.2
DISCHARGE PRESSURE (psig)	0	(ideal range: 0 to 2 psig) 0
Carbon #3 Inlet	3.8	3.4

PART B: COMMENTS

PART C: WELL DATA (Monthly) Not Done

*** ALLOW SYSTEM TO RUN 1 HOUR BEFORE OBTAINING DTW READINGS**

WELL	DTW (TOB)	TOTALIZER (gallons)	FLOWRATE (gpm)	COMMENTS/ ADJUSTMENTS
E-1A				
UST-A		N/A	N/A	
UST-B		N/A	N/A	
SP1-V4		N/A	N/A	

PART D: SAMPLING (Monthly)

SAMPLE	ANALYSIS	COMPLETED
INFLUENT	TPH-gasoline, BTEX compounds, MtBE	3/27
EFFLUENT	TPH-gasoline, BTEX compounds, MtBE COD, TSS	3/27
MID-1	TPH-gasoline, BTEX compounds, MtBE	3/27
MID-2	TPH-gasoline, BTEX compounds, MtBE	3/27

PART E: READINGS (Monthly) Collected 3/15/05

	TEMP (°F)	CONDUCTIVITY (umhos)	pH (units)	DISSOLVED OXYGEN (ppm)
EFFLUENT	62	N/A	7.5	0.08

PART F: SYSTEM MAINTENANCE I (Monthly)

NUMBER OF SPARE FILTERS ON SITE?	9	CHANGE FILTERS? (if necessary)	Yes
PUMP AMP DRAW	N/A	H202 injection well EA-1 (if necessary)	No
SWEEP ENCLOSURE	Yes		

PART G: SYSTEM MAINTENANCE II (Quarterly) Performed in Jan.

TEST ALARM SWITCHES		BACKFLUSH CARBONS	
CLEAN TOTALIZERS			

Date: 2/13/03

Groundwater Extraction & Treatment System
ARCO Service Station 0608
17601 Hesperian Boulevard
821803 (00008008)
June 14, 2001

System Description:

Groundwater Pumps

Well	Type	Size	Control	Set Depth (BOB)
E-1A	Electric	3"	panel	23.9'

Carbon Vessels: Three ASC-1,200
Filter: Rosedale P2 25 micron

PART A: SYSTEM DATA (Semi-Monthly)

System on upon arrival? Operating (if no, specify reason in comments)

ELECTRIC METER READING (kw hrs)	32497	HOUR METER READING (hrs)	2155.8

MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	2692660	2692710
FILTER INLET PRESSURE (psig)	11	(ideal range: 8 to 12 psig) 10
CARBON #1 INLET PRESSURE (psig)	9	(ideal range: 5 to 9 psig) 8
CARBON #2 INLET PRESSURE (psig)	5	(ideal range: 1 to 4 psig) 4.5
DISCHARGE PRESSURE (psig)	0	(ideal range: 0 to 2 psig) 0

PART B: COMMENTS

PART C: WELL DATA (Monthly)

*** ALLOW SYSTEM TO RUN 1 HOUR BEFORE OBTAINING DTW READINGS**

WELL	DTW (TOB)	TOTALIZER (gallons)	FLOWRATE (GPM)	COMMENTS/ ADJUSTMENTS
E-1A				
UST-A		N/A	N/A	
UST-B		N/A	N/A	
SP1-V4		N/A	N/A	

PART D: SAMPLING (Monthly)

SAMPLE	ANALYSIS	COMPLETED
INFLUENT	TPH-gasoline, BTEX compounds, MtBE	2/13/03
EFFLUENT	TPH-gasoline, BTEX compounds, MtBE COD, TSS	2/13/03
MID-1	TPH-gasoline, BTEX compounds, MtBE	2/13/03
MID-2	TPH-gasoline, BTEX compounds, MtBE	2/13/03

PART E: READINGS (Monthly)

	TEMP (°F)	CONDUCTIVITY (umhos)	pH (units)	DISSOLVED OXYGEN (ppm)
EFFLUENT	62	N/A	7.15	0.12

PART F: SYSTEM MAINTENANCE I (Monthly)

NUMBER OF SPARE FILTERS ON SITE?	12	CHANGE FILTERS? (if necessary)	2/13/03
PUMP AMP DRAW	N/A	H202 injection well EA-1 (if necessary)	N/A
SWEEP ENCLOSURE	No		

PART G: SYSTEM MAINTENANCE II (Quarterly)

TEST ALARM SWITCHES	1/30/03	BACKFLUSH CARBONS	N/A
CLEAN TOTALIZERS	1/30/03		

Date: 3/13/03

Groundwater Extraction & Treatment System
ARCO Service Station 0608
17601 Hesperian Boulevard
821803 (00008000)
June 14, 2001

System Description:

Groundwater Pumps

Well	Type	Size	Control	Set Depth (TOB)
E-1A	Electric	3"	panel	23.9'

Carbon Vessels: Three ASC-1,200
Filter: Rosedale P2 25 micron

PART A: SYSTEM DATA (Semi-Monthly)

System on upon arrival? Operating (if no, specify reason in comments)

ELECTRIC METER READING (kw hrs)	32902	HOUR METER READING (hrs)	2831.5

MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	2758948	2758960
FILTER INLET PRESSURE (psig)	11	(ideal range: 8 to 12 psig)
CARBON #1 INLET PRESSURE (psig)	8.6	(ideal range: 5 to 9 psig)
CARBON #2 INLET PRESSURE (psig) Carbon #3	8.0 4.6	(ideal range: 1 to 4 psig)
DISCHARGE PRESSURE (psig)	0	(ideal range: 0 to 2 psig)

PART B: COMMENTS

Date: 3/27/03

Groundwater Extraction & Treatment System
ARCO Service Station 0608
17601 Hesperian Boulevard
821803 (00009000)
June 14, 2001

System Description:

Groundwater Pumps

Well	Type	Size	Control	Set Depth (TOB)
E-1A	Electric	3"	panel	23.9'

Carbon Vessels: Three ASC-1,200
Filter: Rosedale P2 25 micron

PART A: SYSTEM DATA (Semi-Monthly)

System on upon arrival? Operating (if no, specify reason in comments)

ELECTRIC METER READING (kw hrs)	33108	HOUR METER READING (hrs)	3165.1

MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	2790668	
FILTER INLET PRESSURE (psig)	11.0	(ideal range: 8 to 12 psig)
CARBON #1 INLET PRESSURE (psig)	7.5	(ideal range: 5 to 9 psig)
CARBON #2 INLET PRESSURE (psig) Carbon #3 Inlet	7.5 5.0	(ideal range: 1 to 4 psig)
DISCHARGE PRESSURE (psig)	0	(ideal range: 0 to 2 psig)

PART B: COMMENTS

PART C: WELL DATA (Monthly) Not Done

*** ALLOW SYSTEM TO RUN 1 HOUR BEFORE OBTAINING DTW READINGS**

WELL	DTW (TOB)	TOTALIZER (gallons)	FLOWRATE (gpm)	COMMENTS/ ADJUSTMENTS
E-1A				
UST-A		N/A	N/A	
UST-B		N/A	N/A	
SP1-V4		N/A	N/A	

PART D: SAMPLING (Monthly)

SAMPLE	ANALYSIS	COMPLETED
INFLUENT	TPH-gasoline, BTEX compounds, MtBE	3/27
EFFLUENT	TPH-gasoline, BTEX compounds, MtBE COD, TSS	3/27
MID-1	TPH-gasoline, BTEX compounds, MtBE	3/27
MID-2	TPH-gasoline, BTEX compounds, MtBE	3/27

PART E: READINGS (Monthly)

	TEMP (°F)	CONDUCTIVITY (umhos)	pH (units)	DISSOLVED OXYGEN (ppm)
EFFLUENT	62	N/A	7.5	0.08

PART F: SYSTEM MAINTENANCE I (Monthly)

NUMBER OF SPARE FILTERS ON SITE?	10	CHANGE FILTERS? (if necessary)	Yes
PUMP AMP DRAW	N/A	H202 injection well EA-1 (if necessary)	No
SWEEP ENCLOSURE	Yes		

PART G: SYSTEM MAINTENANCE II (Quarterly) Performed in Jan.

TEST ALARM SWITCHES		BACKFLUSH CARBONS	
CLEAN TOTALIZERS			

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.

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11 April, 2003

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

RE: ARCO #608, San Lorenzo, Ca
Sequoia Work Order: MMC0929

Enclosed are the results of analyses for samples received by the laboratory on 03/28/03 15:35. 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	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-5	MMC0929-01	Water	03/27/03 15:30	03/28/03 15:35
MW-8	MMC0929-02	Water	03/27/03 15:10	03/28/03 15:35
MW-9	MMC0929-03	Water	03/27/03 14:00	03/28/03 15:35
MW-10	MMC0929-04	Water	03/27/03 15:50	03/28/03 15:35
MW-11	MMC0929-05	Water	03/27/03 12:50	03/28/03 15:35
E-1A	MMC0929-06	Water	03/27/03 14:45	03/28/03 15:35
MW-14	MMC0929-07	Water	03/27/03 13:20	03/28/03 15:35
MW-15	MMC0929-08	Water	03/27/03 12:00	03/28/03 15:35
MW-16	MMC0929-09	Water	03/27/03 11:40	03/28/03 15:35
MW-18	MMC0929-10	Water	03/27/03 11:20	03/28/03 15:35
MW-21	MMC0929-11	Water	03/27/03 10:10	03/28/03 15:35
MW-22	MMC0929-12	Water	03/27/03 10:35	03/28/03 15:35
MW-23	MMC0929-13	Water	03/27/03 11:00	03/28/03 15:35
MW-25	MMC0929-14	Water	03/27/03 14:30	03/28/03 15:35
MW-26	MMC0929-15	Water	03/27/03 13:30	03/28/03 15:35
642H	MMC0929-16	Water	03/27/03 16:05	03/28/03 15:35
17372 VM	MMC0929-17	Water	03/27/03 16:15	03/28/03 15:35

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

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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
MW-5 (MMC0929-01) Water Sampled: 03/27/03 15:30 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06004	04/06/03	04/06/03	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	**100**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*78-129*		"	"	"	"	
MW-8 (MMC0929-02) Water Sampled: 03/27/03 15:10 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06004	04/06/03	04/06/03	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	**63**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*78-129*		"	"	"	"	
MW-9 (MMC0929-03) Water Sampled: 03/27/03 14:00 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06004	04/06/03	04/06/03	EPA 8260B	
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		*102 %*	*78-129*		"	"	"	"	
MW-10 (MMC0929-04) Water Sampled: 03/27/03 15:50 Received: 03/28/03 15:35									
Benzene	ND	5.0	ug/l	10	3D06004	04/06/03	04/06/03	EPA 8260B	
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	**530**	500	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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
MW-11 (MMC0929-05) Water Sampled: 03/27/03 12:50 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06004	04/06/03	04/06/03	EPA 8260B	
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		*104 %*		*78-129*		"	"	"	
E-1A (MMC0929-06) Water Sampled: 03/27/03 14:45 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06009	04/07/03	04/07/03	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	**96**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90.4 %*		*78-129*		"	"	"	
MW-14 (MMC0929-07) Water Sampled: 03/27/03 13:20 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D08001	04/08/03	04/08/03	EPA 8260B	
Toluene	**0.86**	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*		*78-129*		"	"	"	
MW-15 (MMC0929-08) Water Sampled: 03/27/03 12:00 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06004	04/06/03	04/06/03	EPA 8260B	
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		*106 %*		*78-129*		"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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
MW-16 (MMC0929-09) Water Sampled: 03/27/03 11:40 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06004	04/06/03	04/06/03	EPA 8260B	
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		*107 %*	*78-129*		"	"	"	"	
MW-18 (MMC0929-10) Water Sampled: 03/27/03 11:20 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D08001	04/08/03	04/08/03	EPA 8260B	
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		*98.8 %*	*78-129*		"	"	"	"	
MW-21 (MMC0929-11) Water Sampled: 03/27/03 10:10 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D08001	04/08/03	04/08/03	EPA 8260B	
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		*100 %*	*78-129*		"	"	"	"	
MW-22 (MMC0929-12) Water Sampled: 03/27/03 10:35 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06004	04/06/03	04/06/03	EPA 8260B	
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		*103 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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
MW-23 (MMC0929-13) Water Sampled: 03/27/03 11:00 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D08047	04/08/03	04/09/03	EPA 8260B	
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		*97.2 %*		*78-129*		"	"	"	
MW-25 (MMC0929-14) Water Sampled: 03/27/03 14:30 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06008	04/06/03	04/07/03	EPA 8260B	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	**150**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*78-129*		"	"	"	
MW-26 (MMC0929-15) Water Sampled: 03/27/03 13:30 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06008	04/06/03	04/07/03	EPA 8260B	
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		*98.4 %*		*78-129*		"	"	"	
642H (MMC0929-16) Water Sampled: 03/27/03 16:05 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06008	04/06/03	04/07/03	EPA 8260B	
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		*103 %*		*78-129*		"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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
17372 VM (MMC0929-17) Water Sampled: 03/27/03 16:15 Received: 03/28/03 15:35									
Benzene	ND	0.50	ug/l	1	3D06008	04/06/03	04/07/03	EPA 8260B	
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*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-5 (MMC0929-01) Water Sampled: 03/27/03 15:30 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06004	04/06/03	04/06/03	EPA 8260B	
tert-Butyl alcohol	**24**	20	"	"	"	"	"	"	
Methyl tert-butyl ether	**59**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	**2.2**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*78-129*		"	"	"	"	
MW-8 (MMC0929-02) Water Sampled: 03/27/03 15:10 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06004	04/06/03	04/06/03	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	**33**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	**0.53**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*78-129*		"	"	"	"	
MW-9 (MMC0929-03) Water Sampled: 03/27/03 14:00 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06004	04/06/03	04/06/03	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	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MMC0929-04) Water Sampled: 03/27/03 15:50 Received: 03/28/03 15:35									
Ethanol	ND	1000	ug/l	10	3D06004	04/06/03	04/06/03	EPA 8260B	
tert-Butyl alcohol	ND	200	"	"	"	"	"	"	
Methyl tert-butyl ether	**330**	5.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	5.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	5.0	"	"	"	"	"	"	
tert-Amyl methyl ether	**15**	5.0	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*78-129*		"	"	"	"	
MW-11 (MMC0929-05) Water Sampled: 03/27/03 12:50 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06004	04/06/03	04/06/03	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	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*78-129*		"	"	"	"	
E-1A (MMC0929-06) Water Sampled: 03/27/03 14:45 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06009	04/07/03	04/07/03	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	**60**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	**2.3**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90.4 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-14 (MMC0929-07) Water Sampled: 03/27/03 13:20 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D08001	04/08/03	04/08/03	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	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*78-129*		"	"	"	"	
MW-15 (MMC0929-08) Water Sampled: 03/27/03 12:00 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06004	04/06/03	04/06/03	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	**17**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*78-129*		"	"	"	"	
MW-16 (MMC0929-09) Water Sampled: 03/27/03 11:40 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06004	04/06/03	04/06/03	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	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-18 (MMC0929-10) Water Sampled: 03/27/03 11:20 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D08001	04/08/03	04/08/03	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	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*78-129*		"	"	"	"	
MW-21 (MMC0929-11) Water Sampled: 03/27/03 10:10 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D08001	04/08/03	04/08/03	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	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*78-129*		"	"	"	"	
MW-22 (MMC0929-12) Water Sampled: 03/27/03 10:35 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06004	04/06/03	04/06/03	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	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-23 (MMC0929-13) Water Sampled: 03/27/03 11:00 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D08047	04/08/03	04/09/03	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	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97.2 %*		*78-129*		"	"	"	
MW-25 (MMC0929-14) Water Sampled: 03/27/03 14:30 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06008	04/06/03	04/07/03	EPA 8260B	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	**90**	0.50	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	**40**	0.50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*		*78-129*		"	"	"	
MW-26 (MMC0929-15) Water Sampled: 03/27/03 13:30 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06008	04/06/03	04/07/03	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	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*		*78-129*		"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
642H (MMC0929-16) Water Sampled: 03/27/03 16:05 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06008	04/06/03	04/07/03	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	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*78-129*		"	"	"	"	
17372 VM (MMC0929-17) Water Sampled: 03/27/03 16:15 Received: 03/28/03 15:35									
Ethanol	ND	100	ug/l	1	3D06008	04/06/03	04/07/03	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	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3D06004 - EPA 5030B P/T										
Blank (3D06004-BLK1)				Prepared & Analyzed: 04/06/03						
Benzene	ND	0.50	ug/l							
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	*5.09*		"	*5.00*		*102*	*78-129*			
Laboratory Control Sample (3D06004-BS1)				Prepared & Analyzed: 04/06/03						
Benzene	9.72	0.50	ug/l	10.0		97.2	78-124			
Toluene	10.6	0.50	"	10.0		106	78-129			
Surrogate: 1,2-Dichloroethane-d4	*5.06*		"	*5.00*		*101*	*78-129*			
Laboratory Control Sample (3D06004-BS2)				Prepared & Analyzed: 04/06/03						
Benzene	5.34	0.50	ug/l	5.44		98.2	78-124			
Toluene	33.2	0.50	"	32.8		101	78-129			
Gasoline Range Organics (C6-C10)	443	50	"	440		101	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.22*		"	*5.00*		*104*	*78-129*			
Matrix Spike (3D06004-MS1)		**Source: MMC0926-06**		Prepared & Analyzed: 04/06/03						
Benzene	48.5	5.0	ug/l	54.4	ND	89.2	78-124			
Toluene	310	5.0	"	328	1.6	94.0	78-129			
Gasoline Range Organics (C6-C10)	5010	500	"	4400	700	98.0	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.32*		"	*5.00*		*106*	*78-129*			
Matrix Spike Dup (3D06004-MSD1)		**Source: MMC0926-06**		Prepared & Analyzed: 04/06/03						
Benzene	51.0	5.0	ug/l	54.4	ND	93.8	78-124	5.03	12	
Toluene	330	5.0	"	328	1.6	100	78-129	6.25	10	
Gasoline Range Organics (C6-C10)	5230	500	"	4400	700	103	70-113	4.30	9	
Surrogate: 1,2-Dichloroethane-d4	*5.23*		"	*5.00*		*105*	*78-129*			

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3D06004 - EPA 5030B P/T										
Matrix Spike Dup (3D06004-MSD1)	**Source: MMC0926-06**			Prepared & Analyzed: 04/06/03						
Batch 3D06008 - EPA 5030B P/T										
Blank (3D06008-BLK1)				Prepared: 04/06/03 Analyzed: 04/07/03						
Benzene	ND	0.50	ug/l							
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	*4.99*		"	*5.00*		*99.8*	*78-129*			
Laboratory Control Sample (3D06008-BS1)				Prepared & Analyzed: 04/06/03						
Benzene	9.52	0.50	ug/l	10.0		95.2	78-124			
Toluene	10.3	0.50	"	10.0		103	78-129			
Surrogate: 1,2-Dichloroethane-d4	*5.07*		"	*5.00*		*101*	*78-129*			
Laboratory Control Sample (3D06008-BS2)				Prepared & Analyzed: 04/06/03						
Benzene	5.03	0.50	ug/l	5.44		92.5	78-124			
Toluene	32.5	0.50	"	32.8		99.1	78-129			
Gasoline Range Organics (C6-C10)	433	50	"	440		98.4	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.21*		"	*5.00*		*104*	*78-129*			
Matrix Spike (3D06008-MS1)	**Source: MMC0920-01**			Prepared & Analyzed: 04/06/03						
Benzene	25.8	2.5	ug/l	27.2	ND	94.9	78-124			
Toluene	162	2.5	"	164	ND	98.8	78-129			
Gasoline Range Organics (C6-C10)	2210	250	"	2200	86	96.5	70-113			
Surrogate: 1,2-Dichloroethane-d4	*4.95*		"	*5.00*		*99.0*	*78-129*			

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3D06008 - EPA 5030B P/T										
Matrix Spike Dup (3D06008-MSD1)		**Source: MMC0920-01**		Prepared: 04/06/03 Analyzed: 04/07/03						
Benzene	26.5	2.5	ug/l	27.2	ND	97.4	78-124	2.68	12	
Toluene	169	2.5	"	164	ND	103	78-129	4.23	10	
Gasoline Range Organics (C6-C10)	2290	250	"	2200	86	100	70-113	3.56	9	
Surrogate: 1,2-Dichloroethane-d4	*5.14*		"	*5.00*		*103*	*78-129*			
Batch 3D06009 - EPA 5030B MeOH										
Blank (3D06009-BLK1)				Prepared & Analyzed: 04/07/03						
Benzene	ND	0.50	ug/l							
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	*4.74*		"	*5.00*		*94.8*	*78-129*			
Laboratory Control Sample (3D06009-BS1)				Prepared & Analyzed: 04/07/03						
Benzene	10.2	0.50	ug/l	10.0		102	78-124			
Toluene	9.37	0.50	"	10.0		93.7	78-129			
Surrogate: 1,2-Dichloroethane-d4	*4.50*		"	*5.00*		*90.0*	*78-129*			
Laboratory Control Sample (3D06009-BS2)				Prepared & Analyzed: 04/07/03						
Benzene	5.43	0.50	ug/l	5.44		99.8	78-124			
Toluene	30.4	0.50	"	32.8		92.7	78-129			
Gasoline Range Organics (C6-C10)	336	50	"	440		76.4	70-113			
Surrogate: 1,2-Dichloroethane-d4	*4.73*		"	*5.00*		*94.6*	*78-129*			
Matrix Spike (3D06009-MS1)		**Source: MMD0053-01**		Prepared & Analyzed: 04/07/03						
Benzene	32.2	2.5	ug/l	27.2	5.2	99.3	78-124			
Toluene	156	2.5	"	164	2.2	93.8	78-129			
Gasoline Range Organics (C6-C10)	3460	250	"	2200	1700	80.0	70-113			

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3D06009 - EPA 5030B MeOH										
Matrix Spike (3D06009-MS1)		**Source: MMD0053-01**		Prepared & Analyzed: 04/07/03						
Surrogate: 1,2-Dichloroethane-d4	*4.57*		*ug/l*	*5.00*		*91.4*	*78-129*			
Matrix Spike Dup (3D06009-MSD1)		**Source: MMD0053-01**		Prepared & Analyzed: 04/07/03						
Benzene	32.4	2.5	ug/l	27.2	5.2	100	78-124	0.619	12	
Toluene	158	2.5	"	164	2.2	95.0	78-129	1.27	10	
Gasoline Range Organics (C6-C10)	3520	250	"	2200	1700	82.7	70-113	1.72	9	
Surrogate: 1,2-Dichloroethane-d4	*4.15*		*"*	*5.00*		*83.0*	*78-129*			
Batch 3D08001 - EPA 5030B P/T										
Blank (3D08001-BLK1)				Prepared & Analyzed: 04/08/03						
Benzene	ND	0.50	ug/l							
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	*4.74*		*"*	*5.00*		*94.8*	*78-129*			
Laboratory Control Sample (3D08001-BS1)				Prepared & Analyzed: 04/08/03						
Benzene	10.1	0.50	ug/l	10.0		101	78-124			
Toluene	9.33	0.50	"	10.0		93.3	78-129			
Surrogate: 1,2-Dichloroethane-d4	*4.51*		*"*	*5.00*		*90.2*	*78-129*			
Laboratory Control Sample (3D08001-BS2)				Prepared & Analyzed: 04/08/03						
Benzene	5.51	0.50	ug/l	5.44		101	78-124			
Toluene	30.3	0.50	"	32.8		92.4	78-129			
Gasoline Range Organics (C6-C10)	348	50	"	440		79.1	70-113			
Surrogate: 1,2-Dichloroethane-d4	*4.75*		*"*	*5.00*		*95.0*	*78-129*			

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500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3D08001 - EPA 5030B P/T										
Matrix Spike (3D08001-MS1)		**Source: MMC0923-02**		Prepared & Analyzed: 04/08/03						
Benzene	285	25	ug/l	272	ND	105	78-124			
Toluene	1700	25	"	1640	ND	104	78-129			
Gasoline Range Organics (C6-C10)	19100	2500	"	22000	1500	80.0	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.05*		"	*5.00*		*101*	*78-129*			
Matrix Spike Dup (3D08001-MSD1)		**Source: MMC0923-02**		Prepared & Analyzed: 04/08/03						
Benzene	272	25	ug/l	272	ND	100	78-124	4.67	12	
Toluene	1510	25	"	1640	ND	92.1	78-129	11.8	10	QR-02
Gasoline Range Organics (C6-C10)	18300	2500	"	22000	1500	76.4	70-113	4.28	9	
Surrogate: 1,2-Dichloroethane-d4	*4.80*		"	*5.00*		*96.0*	*78-129*			
Batch 3D08047 - EPA 5030B P/T										
Blank (3D08047-BLK1)				Prepared & Analyzed: 04/08/03						
Benzene	ND	0.50	ug/l							
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	*4.80*		"	*5.00*		*96.0*	*78-129*			
Laboratory Control Sample (3D08047-BS1)				Prepared & Analyzed: 04/08/03						
Benzene	10.1	0.50	ug/l	10.0		101	78-124			
Toluene	8.99	0.50	"	10.0		89.9	78-129			
Surrogate: 1,2-Dichloroethane-d4	*4.69*		"	*5.00*		*93.8*	*78-129*			
Laboratory Control Sample (3D08047-BS2)				Prepared & Analyzed: 04/08/03						
Benzene	5.85	0.50	ug/l	5.44		108	78-124			
Toluene	31.0	0.50	"	32.8		94.5	78-129			
Gasoline Range Organics (C6-C10)	352	50	"	440		80.0	70-113			

Sequoia Analytical

885 Jarvis Dr
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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3D08047 - EPA 5030B P/T										
Laboratory Control Sample (3D08047-BS2)				Prepared & Analyzed: 04/08/03						
Surrogate: 1,2-Dichloroethane-d4	*4.94*		*ug/l*	*5.00*		*98.8*	*78-129*			
Matrix Spike (3D08047-MS1)		**Source: MMC0891-02**		Prepared & Analyzed: 04/08/03						
Benzene	28.0	2.5	ug/l	27.2	0.45	101	78-124			
Toluene	149	2.5	"	164	ND	90.9	78-129			
Gasoline Range Organics (C6-C10)	1870	250	"	2200	170	77.3	70-113			
Surrogate: 1,2-Dichloroethane-d4	*4.93*		*"*	*5.00*		*98.6*	*78-129*			
Matrix Spike Dup (3D08047-MSD1)		**Source: MMC0891-02**		Prepared & Analyzed: 04/08/03						
Benzene	29.1	2.5	ug/l	27.2	0.45	105	78-124	3.85	12	
Toluene	156	2.5	"	164	ND	95.1	78-129	4.59	10	
Gasoline Range Organics (C6-C10)	1930	250	"	2200	170	80.0	70-113	3.16	9	
Surrogate: 1,2-Dichloroethane-d4	*5.02*		*"*	*5.00*		*100*	*78-129*			

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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 3D06004 - EPA 5030B P/T										
Blank (3D06004-BLK1)				Prepared & Analyzed: 04/06/03						
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	"							
Surrogate: 1,2-Dichloroethane-d4	*5.09*		"	*5.00*		*102*	*78-129*			
Laboratory Control Sample (3D06004-BS1)				Prepared & Analyzed: 04/06/03						
Methyl tert-butyl ether	9.48	0.50	ug/l	10.0		94.8	63-137			
Surrogate: 1,2-Dichloroethane-d4	*5.06*		"	*5.00*		*101*	*78-129*			
Laboratory Control Sample (3D06004-BS2)				Prepared & Analyzed: 04/06/03						
Methyl tert-butyl ether	8.38	0.50	ug/l	9.04		92.7	63-137			
Surrogate: 1,2-Dichloroethane-d4	*5.22*		"	*5.00*		*104*	*78-129*			
Matrix Spike (3D06004-MS1)		**Source: MMC0926-06**		Prepared & Analyzed: 04/06/03						
Methyl tert-butyl ether	738	5.0	ug/l	90.4	680	64.2	63-137			
Surrogate: 1,2-Dichloroethane-d4	*5.32*		"	*5.00*		*106*	*78-129*			
Matrix Spike Dup (3D06004-MSD1)		**Source: MMC0926-06**		Prepared & Analyzed: 04/06/03						
Methyl tert-butyl ether	748	5.0	ug/l	90.4	680	75.2	63-137	1.35	13	
Surrogate: 1,2-Dichloroethane-d4	*5.23*		"	*5.00*		*105*	*78-129*			
Batch 3D06008 - EPA 5030B P/T										
Blank (3D06008-BLK1)				Prepared: 04/06/03 Analyzed: 04/07/03						
Ethanol	ND	100	ug/l							

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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 3D06008 - EPA 5030B P/T										
Blank (3D06008-BLK1)				Prepared: 04/06/03 Analyzed: 04/07/03						
tert-Butyl alcohol	ND	20	ug/l							
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	"							
Surrogate: 1,2-Dichloroethane-d4	*4.99*		"	*5.00*		*99.8*	*78-129*			
Laboratory Control Sample (3D06008-BS1)				Prepared & Analyzed: 04/06/03						
Methyl tert-butyl ether	9.23	0.50	ug/l	10.0		92.3	63-137			
Surrogate: 1,2-Dichloroethane-d4	*5.07*		"	*5.00*		*101*	*78-129*			
Laboratory Control Sample (3D06008-BS2)				Prepared & Analyzed: 04/06/03						
Methyl tert-butyl ether	7.93	0.50	ug/l	9.04		87.7	63-137			
Surrogate: 1,2-Dichloroethane-d4	*5.21*		"	*5.00*		*104*	*78-129*			
Matrix Spike (3D06008-MS1)		**Source: MMC0920-01**		Prepared & Analyzed: 04/06/03						
Methyl tert-butyl ether	127	2.5	ug/l	45.2	85	92.9	63-137			
Surrogate: 1,2-Dichloroethane-d4	*4.95*		"	*5.00*		*99.0*	*78-129*			
Matrix Spike Dup (3D06008-MSD1)		**Source: MMC0920-01**		Prepared: 04/06/03 Analyzed: 04/07/03						
Methyl tert-butyl ether	128	2.5	ug/l	45.2	85	95.1	63-137	0.784	13	
Surrogate: 1,2-Dichloroethane-d4	*5.14*		"	*5.00*		*103*	*78-129*			
Batch 3D06009 - EPA 5030B MeOH										
Blank (3D06009-BLK1)				Prepared & Analyzed: 04/07/03						
Ethanol	ND	100	ug/l							
tert-Butyl alcohol	ND	20	"							

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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 3D06009 - EPA 5030B MeOH										
Blank (3D06009-BLK1)				Prepared & Analyzed: 04/07/03						
Methyl tert-butyl ether	ND	0.50	ug/l							
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	"							
Surrogate: 1,2-Dichloroethane-d4	*4.74*		"	*5.00*		*94.8*	*78-129*			
Laboratory Control Sample (3D06009-BS1)				Prepared & Analyzed: 04/07/03						
Methyl tert-butyl ether	10.1	0.50	ug/l	10.0		101	63-137			
Surrogate: 1,2-Dichloroethane-d4	*4.50*		"	*5.00*		*90.0*	*78-129*			
Laboratory Control Sample (3D06009-BS2)				Prepared & Analyzed: 04/07/03						
Methyl tert-butyl ether	8.91	0.50	ug/l	9.04		98.6	63-137			
Surrogate: 1,2-Dichloroethane-d4	*4.73*		"	*5.00*		*94.6*	*78-129*			
Matrix Spike (3D06009-MS1)		**Source: MMD0053-01**		Prepared & Analyzed: 04/07/03						
Methyl tert-butyl ether	45.0	2.5	ug/l	45.2	0.70	98.0	63-137			
Surrogate: 1,2-Dichloroethane-d4	*4.57*		"	*5.00*		*91.4*	*78-129*			
Matrix Spike Dup (3D06009-MSD1)		**Source: MMD0053-01**		Prepared & Analyzed: 04/07/03						
Methyl tert-butyl ether	43.4	2.5	ug/l	45.2	0.70	94.5	63-137	3.62	13	
Surrogate: 1,2-Dichloroethane-d4	*4.15*		"	*5.00*		*83.0*	*78-129*			
Batch 3D08001 - EPA 5030B P/T										
Blank (3D08001-BLK1)				Prepared & Analyzed: 04/08/03						
Ethanol	ND	100	ug/l							
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							

Sequoia Analytical

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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 3D08001 - EPA 5030B P/T										
Blank (3D08001-BLK1)				Prepared & Analyzed: 04/08/03						
Di-isopropyl ether	ND	0.50	ug/l							
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	"							
Surrogate: 1,2-Dichloroethane-d4	*4.74*		"	*5.00*		*94.8*	*78-129*			
Laboratory Control Sample (3D08001-BS1)				Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	9.96	0.50	ug/l	10.0		99.6	63-137			
Surrogate: 1,2-Dichloroethane-d4	*4.51*		"	*5.00*		*90.2*	*78-129*			
Laboratory Control Sample (3D08001-BS2)				Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	8.76	0.50	ug/l	9.04		96.9	63-137			
Surrogate: 1,2-Dichloroethane-d4	*4.75*		"	*5.00*		*95.0*	*78-129*			
Matrix Spike (3D08001-MS1)		**Source: MMC0923-02**		Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	1520	25	ug/l	452	1000	115	63-137			
Surrogate: 1,2-Dichloroethane-d4	*5.05*		"	*5.00*		*101*	*78-129*			
Matrix Spike Dup (3D08001-MSD1)		**Source: MMC0923-02**		Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	1480	25	ug/l	452	1000	106	63-137	2.67	13	
Surrogate: 1,2-Dichloroethane-d4	*4.80*		"	*5.00*		*96.0*	*78-129*			
Batch 3D08047 - EPA 5030B P/T										
Blank (3D08047-BLK1)				Prepared & Analyzed: 04/08/03						
Ethanol	ND	100	ug/l							
tert-Butyl alcohol	ND	20	"							
Methyl tert-butyl ether	ND	0.50	"							
Di-isopropyl ether	ND	0.50	"							

Sequoia Analytical

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

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 3D08047 - EPA 5030B P/T										
Blank (3D08047-BLK1)				Prepared & Analyzed: 04/08/03						
Ethyl tert-butyl ether	ND	0.50	ug/l							
tert-Amyl methyl ether	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*4.80*		"	*5.00*		*96.0*	*78-129*			
Laboratory Control Sample (3D08047-BS1)				Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	10.2	0.50	ug/l	10.0		102	63-137			
Surrogate: 1,2-Dichloroethane-d4	*4.69*		"	*5.00*		*93.8*	*78-129*			
Laboratory Control Sample (3D08047-BS2)				Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	9.35	0.50	ug/l	9.04		103	63-137			
Surrogate: 1,2-Dichloroethane-d4	*4.94*		"	*5.00*		*98.8*	*78-129*			
Matrix Spike (3D08047-MS1)		**Source: MMC0891-02**		Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	164	2.5	ug/l	45.2	120	97.3	63-137			
Surrogate: 1,2-Dichloroethane-d4	*4.93*		"	*5.00*		*98.6*	*78-129*			
Matrix Spike Dup (3D08047-MSD1)		**Source: MMC0891-02**		Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	168	2.5	ug/l	45.2	120	106	63-137	2.41	13	
Surrogate: 1,2-Dichloroethane-d4	*5.02*		"	*5.00*		*100*	*78-129*			

Sequoia Analytical

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0929
500 12th Street, Suite 100	Project Number: Intrim- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 13:35

Notes and Definitions

QR-02	The RPD result exceeded the control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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 030327-MT1
BP BU/GEM CO Portfolio:
BP Laboratory Contract Number:
Date: 03-27-03 Requested Due Date (mm/dd/yy)

On-site Time:	0745 Temp: 65°
Off-site Time:	1645 Temp: 75°
Sky Conditions:	Sunny
Meteorological Events:	
Wind Speed:	Direction:

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.: 35-00000608.01 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: MMC0929

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) (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	1530		X			01	3				X	X			X		X	
2	MW-8	1510		X			02	3				X	X			X		X	
3	MW-9	1400		X			03	3				X	X			X		X	
4	MW-10	1550		X			04	3				X	X			X		X	
5	MW-11	1250		X			05	3				X	X			X		X	
6	E-1A	1445		X			06	3				X	X			X		X	
7	MW-14	1320		X			07	3				X	X			X		X	
8	MW-15	1200		X			08	3				X	X			X		X	
9	MW-16	1140		X			09	3				X	X			X		X	
10	MW-18	1120		X			10	3				X	X			X		X	

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Michael Toll						
Sampler's Company: BTS	[signature] BTS	3/27/03	1420	[signature]	3/28/03	1420
Shipment Date:	[signature]	3/28/03	1535	[signature]	3/28/03	1535
Shipment Method:						
Shipment Tracking No:						

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

Custody Seals In Place Yes ___ No ✓ Temperature Blank Yes ___ No ✓ Cooler Temperature on Receipt 3.4 °F/C Trip Blank Yes ___ No ✓

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

Chain of Custody Record

bp

Project Name 030328-HT1

BP BU/GEM CO Portfolio:

BP Laboratory Contract Number:

Date: 03.27.03 Requested Due Date (mm/dd/yy)

On-site Time: 0745	Temp: 65°
Off- site Time: 1445	Temp: 75°
Sky Conditions: Sunny	
Meteorological Events:	
Wind Speed:	Direction:

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 94600-4014
Morgan Hill, CA 95037	Site Lat/Long:	e-mail EDD: syed_rohan@urscorp.com
	California Global ID #: T0600100085	Consultant/Contractor Project No.: 35-00000608.01 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. MMC0929	No. of containers	Preservatives: Unpreserved	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl	Requested Analysis: TPH-G / BTEX (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-21	1010		X			11	3				Y	X			X		X	
2	MW-22	1035		X			12	3				Y	X			X		X	
3	MW-23	1100		X			13	3				Y	X			X		X	
4	MW-25	1430		X			14	3				X	X			X		X	
5	MW-26	1320		X			15	3				X	X			X		X	
6	642 Hwy	1605		X			16	3				X	X			X		X	Confirm all MTBE hits @ 642 H & 17372 VM.
7	17372 VM	1615		X			17	3				Y	X			X		↓	
8																			
9																			
10																			

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Michael Toll						
Sampler's Company: BTS		3/27/03	1420		3/27/03	1420
Shipment Date:		3/28/03	1535		3/28/03	1535
Shipment Method:						
Shipment Tracking No:						

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

Custody Seals In Place Yes ___ No ___ Temperature Blank Yes ___ No ___ Cooler Temperature on Receipt 3.4 °F/C Trip Blank Yes ___ No ___

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

BP COC Rev. 1 2/502

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP LAB
REC. BY (PRINT): KT
WORKORDER: MMC 0329

DATE REC'D AT LAB: 03/28/03
TIME REC'D AT LAB: 1535
DATE LOGGED IN: 3/30/03

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*	01		MW-5	(3) VOA	HCl	L	03/27/03	CAN'T SEE LOT #
	02		-8					
2. Chain-of-Custody Present / Absent*	03		-9					
3. Traffic Reports or Packing List: Present / Absent	04		-10					
	05		-11					
4. Airbill: Airbill / Sticker Present / Absent	06		E-11					
	07		MW-14					
5. Airbill #:	08		-15					
6. Sample Labels: Present / Absent	09		-16					
7. Sample IDs: Listed / Not Listed on Chain-of-Custody	10		-18					
	11		-21					
8. Sample Condition: Intact / Broken* / Leaking*	12		-22					
	13		-23					
9. Does information on custody reports, traffic reports and sample labels agree? Yes / No*	14		-25					
	15		-26					
	16		6424					
	17		17372VM					
10. Sample received within hold time: Yes / No*								
11. Proper Preservatives used: Yes / No*								
12. Temp Rec. at Lab: 3.4				03/28/03 14				
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								

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

Sequoia Analytical

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11 April, 2003

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

RE: ARCO #608, San Lorenzo, Ca
Sequoia Work Order: MMC0891

Enclosed are the results of analyses for samples received by the laboratory on 03/27/03 15:40. 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 500 12th Street, Suite 100 Oakland CA, 94607	Project: ARCO #608, San Lorenzo, Ca Project Number: Intrm- 50715 Project Manager: Scott Robinson	MMC0891 **Reported:** 04/11/03 12:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
INFL	MMC0891-01	Water	03/27/03 12:30	03/27/03 15:40
MID-1	MMC0891-02	Water	03/27/03 12:25	03/27/03 15:40
MID-2	MMC0891-03	Water	03/27/03 12:20	03/27/03 15:40
EFFL	MMC0891-04	Water	03/27/03 12:15	03/27/03 15:40

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	MMC0891
500 12th Street, Suite 100	Project Number: Intrm- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 12:56

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 (MMC0891-01) Water Sampled: 03/27/03 12:30 Received: 03/27/03 15:40									
Methyl tert-butyl ether	**71**	0.50	ug/l	1	3D08047	04/08/03	04/08/03	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	**110**	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*78-129*		"	"	"	"	
MID-1 (MMC0891-02) Water Sampled: 03/27/03 12:25 Received: 03/27/03 15:40									
Methyl tert-butyl ether	**120**	2.5	ug/l	5	3D08047	04/08/03	04/08/03	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		*96.0 %*	*78-129*		"	"	"	"	
MID-2 (MMC0891-03) Water Sampled: 03/27/03 12:20 Received: 03/27/03 15:40									
Methyl tert-butyl ether	**0.94**	0.50	ug/l	1	3D08047	04/08/03	04/09/03	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		*97.4 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0891
500 12th Street, Suite 100	Project Number: Intrm- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 12:56

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 (MMC0891-04) Water Sampled: 03/27/03 12:15 Received: 03/27/03 15:40									
Methyl tert-butyl ether	ND	0.50	ug/l	1	3D08047	04/08/03	04/09/03	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		*99.8 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0891
500 12th Street, Suite 100	Project Number: Intrm- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 12:56

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MMC0891-04) Water Sampled: 03/27/03 12:15 Received: 03/27/03 15:40									
Chemical Oxygen Demand	**32**	30	mg/l	1	3D01041	04/01/03	04/01/03	EPA 410.4	
Total Suspended Solids	ND	10	"	"	3D04021	03/27/03	03/28/03	EPA 160.2	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0891
500 12th Street, Suite 100	Project Number: Intrm- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 12:56

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3D08047 - EPA 5030B P/T										
Blank (3D08047-BLK1)				Prepared & Analyzed: 04/08/03						
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	*4.80*		"	*5.00*		*96.0*	*78-129*			
Laboratory Control Sample (3D08047-BS1)				Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	10.2	0.50	ug/l	10.0		102	63-137			
Benzene	10.1	0.50	"	10.0		101	78-124			
Toluene	8.99	0.50	"	10.0		89.9	78-129			
Surrogate: 1,2-Dichloroethane-d4	*4.69*		"	*5.00*		*93.8*	*78-129*			
Laboratory Control Sample (3D08047-BS2)				Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	9.35	0.50	ug/l	9.04		103	63-137			
Benzene	5.85	0.50	"	5.44		108	78-124			
Toluene	31.0	0.50	"	32.8		94.5	78-129			
Gasoline Range Organics (C6-C10)	352	50	"	440		80.0	70-113			
Surrogate: 1,2-Dichloroethane-d4	*4.94*		"	*5.00*		*98.8*	*78-129*			
Matrix Spike (3D08047-MS1)	**Source: MMC0891-02**			Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	164	2.5	ug/l	45.2	120	97.3	63-137			
Benzene	28.0	2.5	"	27.2	0.45	101	78-124			
Toluene	149	2.5	"	164	ND	90.9	78-129			
Gasoline Range Organics (C6-C10)	1870	250	"	2200	170	77.3	70-113			
Surrogate: 1,2-Dichloroethane-d4	*4.93*		"	*5.00*		*98.6*	*78-129*			

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0891
500 12th Street, Suite 100	Project Number: Intrm- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 12:56

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3D08047 - EPA 5030B P/T										
Matrix Spike Dup (3D08047-MSD1)		**Source: MMC0891-02**		Prepared & Analyzed: 04/08/03						
Methyl tert-butyl ether	168	2.5	ug/l	45.2	120	106	63-137	2.41	13	
Benzene	29.1	2.5	"	27.2	0.45	105	78-124	3.85	12	
Toluene	156	2.5	"	164	ND	95.1	78-129	4.59	10	
Gasoline Range Organics (C6-C10)	1930	250	"	2200	170	80.0	70-113	3.16	9	
Surrogate: 1,2-Dichloroethane-d4	*5.02*		*"*	*5.00*		*100*	*78-129*			

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0891
500 12th Street, Suite 100	Project Number: Intrm- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 12:56

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3D01041 - General Preparation										
Blank (3D01041-BLK1)				Prepared & Analyzed: 04/01/03						
Chemical Oxygen Demand	ND	30	mg/l							
Laboratory Control Sample (3D01041-BS1)				Prepared & Analyzed: 04/01/03						
Chemical Oxygen Demand	87.6	30	mg/l	100		87.6	80-124			
Matrix Spike (3D01041-MS1)		**Source: MMC0891-04**		Prepared & Analyzed: 04/01/03						
Chemical Oxygen Demand	903	300	mg/l	1000	32	87.1	80-124			
Matrix Spike Dup (3D01041-MSD1)		**Source: MMC0891-04**		Prepared & Analyzed: 04/01/03						
Chemical Oxygen Demand	957	300	mg/l	1000	32	92.5	80-124	5.81	23	
Batch 3D04021 - General Preparation										
Blank (3D04021-BLK1)				Prepared: 03/27/03 Analyzed: 03/28/03						
Total Suspended Solids	ND	10	mg/l							

Sequoia Analytical

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMC0891
500 12th Street, Suite 100	Project Number: Intrm- 50715	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	04/11/03 12:56

Notes and Definitions

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

Chain of Custody Record

Onsite Time: 1130	Temp: 70		
Off-site Time:	Temp:		
Sky Conditions: Clear			
Meteorological Events: None			
Wind Speed:	Direction:		

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)

Date: 3/17/03

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: ~~Scott_Robinson@URSCorp.com~~ No EDD
	BP/GEM PM Contact: Paul Supple	Consultant Project No.: 38465883.00327
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: Normel		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. MMC0891	No. of containers	Preservatives: Unpreserved	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl		TPH-g (8015)	BTEX (8021)	MTBE (8021)	COD	TSS						Sample Point Lat/Long and Comments (5°)
1	INFL	INFL	1230		X			01	3				X		X	X	X								
2	MID-1	MID-1	1225		X			02	3				X		X	X	X								
3	MID-2	MID-2	1220		X			03	3				X		X	X	X								
4	EFFL	EFFL	1215		X			04	7	X	X		X		X	X	X	X	X						
5																									
6																									
7																									
8																									
9																									
10																									

Sampler's Name: [signature]	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: URS Oakland	[signature]	3/17/03	1540	[signature] Seq	3/17/03	1540
Shipment Date:	[signature] Seq	3/27	1420	[signature]	3/27	
Shipment Method: Hand Deliver	[signature]	3/27	1920	[signature]	3/27	19:00
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 °F/C   Trip Blank Yes No x

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: BP
REC. BY (PRINT):
WORKORDER: MAC0891

DATE REC'D AT LAB: 3/27/03
TIME REC'D AT LAB: 19:00
DATE LOGGED IN: 3/29/03

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*	01		INFL	(3) voas	HCL	L	3/27/03	
	02		MID-1	↓	↓	↓	↓	
2. Chain-of-Custody (Present) / Absent*	03		MID-2	↓	↓	↓	↓	
3. Traffic Reports or Packing List: Present (Absent)	04		EFFL	↓	↓	↓	↓	
4. Airbill: Airbill / Sticker Present / (Absent)			↓	(3) voas	H_2SO_4	↓	↓	
5. Airbill #: —				(1) poly 1L	—			
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*			3/27/03					
11. Proper Preservatives used: (Yes) / No*								
12. Temp Rec. at Lab: 1 °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

Submitted

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

Sequoia Analytical

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18 March, 2003

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

RE: ARCO #608, San Lorenzo, Ca
Sequoia Work Order: MMB0452

Enclosed are the results of analyses for samples received by the laboratory on 02/13/03 19:21. 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	MMB0452
500 12th Street, Suite 100	Project Number: ARCO #608, San Lorenzo, CA	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	03/18/03 13:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
INFL	MMB0452-01	Water	02/13/03 10:30	02/13/03 19:21
MID-1	MMB0452-02	Water	02/13/03 10:20	02/13/03 19:21
MID-2	MMB0452-03	Water	02/13/03 10:10	02/13/03 19:21
EFFL	MMB0452-04	Water	02/13/03 10:00	02/13/03 19:21

Sequoia Analytical

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMB0452
500 12th Street, Suite 100	Project Number: ARCO #608, San Lorenzo, CA	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	03/18/03 13:06

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 (MMB0452-01) Water Sampled: 02/13/03 10:30 Received: 02/13/03 19:21									
Methyl tert-butyl ether	**66**	2.5	ug/l	5	3B24037	02/24/03	02/24/03	EPA 8260B	
Benzene	ND	2.5	"	"	"	"	"	"	
Toluene	ND	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	2.5	"	"	"	"	"	"	
Xylenes (total)	**4.5**	2.5	"	"	"	"	"	"	
Gasoline Range Organics (C6-C10)	ND	250	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*78-129*		"	"	"	"	
MID-1 (MMB0452-02) Water Sampled: 02/13/03 10:20 Received: 02/13/03 19:21									
Methyl tert-butyl ether	**130**	2.5	ug/l	5	3B25001	02/25/03	02/25/03	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		*107 %*	*78-129*		"	"	"	"	
MID-2 (MMB0452-03) Water Sampled: 02/13/03 10:10 Received: 02/13/03 19:21									
Methyl tert-butyl ether	**1.0**	0.50	ug/l	1	3B24037	02/24/03	02/25/03	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		*101 %*	*78-129*		"	"	"	"	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMB0452
500 12th Street, Suite 100	Project Number: ARCO #608, San Lorenzo, CA	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	03/18/03 13:06

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 (MMB0452-04) Water Sampled: 02/13/03 10:00 Received: 02/13/03 19:21									
Methyl tert-butyl ether	ND	0.50	ug/l	1	3B24037	02/24/03	02/25/03	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		*105 %*		*78-129*		"	"	"	

Sequoia Analytical

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

URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMB0452
500 12th Street, Suite 100	Project Number: ARCO #608, San Lorenzo, CA	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	03/18/03 13:06

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MMB0452-04) Water Sampled: 02/13/03 10:00 Received: 02/13/03 19:21									
Chemical Oxygen Demand	ND	30	mg/l	1	3B19052	02/19/03	02/19/03	EPA 410.4	
Total Suspended Solids	ND	10	"	"	3B20041	02/14/03	02/15/03	EPA 160.2	

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500 12th Street, Suite 100	Project Number: ARCO #608, San Lorenzo, CA	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	03/18/03 13:06

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3B24037 - EPA 5030B P/T										
Blank (3B24037-BLK1)				Prepared & Analyzed: 02/24/03						
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	*4.96*		"	*5.00*		*99.2*	*78-129*			
Laboratory Control Sample (3B24037-BS1)				Prepared & Analyzed: 02/24/03						
Methyl tert-butyl ether	11.2	0.50	ug/l	10.0		112	63-137			
Benzene	9.89	0.50	"	10.0		98.9	78-124			
Toluene	9.77	0.50	"	10.0		97.7	78-129			
Surrogate: 1,2-Dichloroethane-d4	*4.97*		"	*5.00*		*99.4*	*78-129*			
Laboratory Control Sample (3B24037-BS2)				Prepared & Analyzed: 02/24/03						
Methyl tert-butyl ether	9.45	0.50	ug/l	9.04		105	63-137			
Benzene	5.55	0.50	"	5.44		102	78-124			
Toluene	33.1	0.50	"	32.8		101	78-129			
Gasoline Range Organics (C6-C10)	473	50	"	440		108	70-113			
Surrogate: 1,2-Dichloroethane-d4	*4.96*		"	*5.00*		*99.2*	*78-129*			
Matrix Spike (3B24037-MS1)	**Source: MMB0454-01**			Prepared: 02/24/03 Analyzed: 02/25/03						
Methyl tert-butyl ether	192	5.0	ug/l	90.4	100	102	0-200			
Benzene	61.7	5.0	"	54.4	6.6	101	78-124			
Toluene	356	5.0	"	328	5.8	107	78-129			
Gasoline Range Organics (C6-C10)	8030	500	"	4400	2900	117	70-113			QM-07
Surrogate: 1,2-Dichloroethane-d4	*5.25*		"	*5.00*		*105*	*78-129*			

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500 12th Street, Suite 100	Project Number: ARCO #608, San Lorenzo, CA	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	03/18/03 13:06

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3B24037 - EPA 5030B P/T										
Matrix Spike Dup (3B24037-MSD1)		**Source: MMB0454-01**		Prepared: 02/24/03 Analyzed: 02/25/03						
Methyl tert-butyl ether	186	5.0	ug/l	90.4	100	95.1	0-200	3.17	200	
Benzene	60.5	5.0	"	54.4	6.6	99.1	78-124	1.96	12	
Toluene	328	5.0	"	328	5.8	98.2	78-129	8.19	10	
Gasoline Range Organics (C6-C10)	7260	500	"	4400	2900	99.1	70-113	10.1	9	QR-07
Surrogate: 1,2-Dichloroethane-d4	*4.79*		"	*5.00*		*95.8*	*78-129*			
Batch 3B25001 - EPA 5030B P/T										
Blank (3B25001-BLK1)				Prepared & Analyzed: 02/25/03						
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	*5.35*		"	*5.00*		*107*	*78-129*			
Laboratory Control Sample (3B25001-BS1)				Prepared & Analyzed: 02/25/03						
Methyl tert-butyl ether	11.4	0.50	ug/l	10.0		114	63-137			
Benzene	9.75	0.50	"	10.0		97.5	78-124			
Toluene	8.93	0.50	"	10.0		89.3	78-129			
Surrogate: 1,2-Dichloroethane-d4	*4.86*		"	*5.00*		*97.2*	*78-129*			
Laboratory Control Sample (3B25001-BS2)				Prepared & Analyzed: 02/25/03						
Methyl tert-butyl ether	8.54	0.50	ug/l	9.04		94.5	63-137			
Benzene	5.12	0.50	"	5.44		94.1	78-124			
Toluene	34.0	0.50	"	32.8		104	78-129			
Gasoline Range Organics (C6-C10)	445	50	"	440		101	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.02*		"	*5.00*		*100*	*78-129*			

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMB0452
500 12th Street, Suite 100	Project Number: ARCO #608, San Lorenzo, CA	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	03/18/03 13:06

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

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3B25001 - EPA 5030B P/T										
Matrix Spike (3B25001-MS1)		**Source: MMB0547-04**		Prepared & Analyzed: 02/25/03						
Methyl tert-butyl ether	581	10	ug/l	181	450	72.4	0-200			
Benzene	118	10	"	109	14	95.4	78-124			
Toluene	718	10	"	656	ND	109	78-129			
Gasoline Range Organics (C6-C10)	11800	1000	"	8800	1900	112	70-113			
Surrogate: 1,2-Dichloroethane-d4	*5.24*		"	*5.00*		*105*	*78-129*			
Matrix Spike Dup (3B25001-MSD1)		**Source: MMB0547-04**		Prepared & Analyzed: 02/25/03						
Methyl tert-butyl ether	587	10	ug/l	181	450	75.7	0-200	1.03	200	
Benzene	121	10	"	109	14	98.2	78-124	2.51	12	
Toluene	741	10	"	656	ND	113	78-129	3.15	10	
Gasoline Range Organics (C6-C10)	12000	1000	"	8800	1900	115	70-113	1.68	9	QM-07
Surrogate: 1,2-Dichloroethane-d4	*5.11*		"	*5.00*		*102*	*78-129*			

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMB0452
500 12th Street, Suite 100	Project Number: ARCO #608, San Lorenzo, CA	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	03/18/03 13:06

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 3B19052 - General Preparation										
Blank (3B19052-BLK1)				Prepared & Analyzed: 02/19/03						
Chemical Oxygen Demand	ND	30	mg/l							
Laboratory Control Sample (3B19052-BS1)				Prepared & Analyzed: 02/19/03						
Chemical Oxygen Demand	106	30	mg/l	100		106	80-124			
Matrix Spike (3B19052-MS1)		**Source: MMB0438-01**		Prepared & Analyzed: 02/19/03						
Chemical Oxygen Demand	881	300	mg/l	1000	49	83.2	80-124			
Matrix Spike Dup (3B19052-MSD1)		**Source: MMB0438-01**		Prepared & Analyzed: 02/19/03						
Chemical Oxygen Demand	961	300	mg/l	1000	49	91.2	80-124	8.69	23	
Batch 3B20041 - General Preparation										
Blank (3B20041-BLK1)				Prepared: 02/14/03 Analyzed: 02/15/03						
Total Suspended Solids	ND	10	mg/l							
Duplicate (3B20041-DUP1)		**Source: MMB0430-01**		Prepared: 02/14/03 Analyzed: 02/15/03						
Total Suspended Solids	217	10	mg/l		200			8.15	20	

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URS Corporation	Project: ARCO #608, San Lorenzo, Ca	MMB0452
500 12th Street, Suite 100	Project Number: ARCO #608, San Lorenzo, CA	**Reported:**
Oakland CA, 94607	Project Manager: Scott Robinson	03/18/03 13:06

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.
QR-07	The RPD was outside control limits. The results may still be useful for their intended purpose.
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

Page 1 of 1

Chain of Custody Record

On-site Time: 0930	Temp: 64
Off-site Time: 1030	Temp: 65
Sky Conditions: Overcast	
Meteorological Events: Rain	
Wind Speed: n/a	Direction: n/a

Date: 2/13/03

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: 2/27/03
(mm/dd/yy - 2 weeks from sampling date)

MMB0452

Send To:		
Lab Name: Sequoia Analytical	BP/GEM Facility No.: Station 608	Consultant: URS Oakland
Lab Address: 885 Jarvis Drive	BP/GEM Facility Address: 18501 Hesparian Blvd, San Lorenzo, CA	Address: 500 12th Street, #200
Morgan Hill, CA 95037	Site ID No. Station 608	Oakland, CA 94607
	California Global ID #:T0600101665	e-mail EDD: ~~Scott-Robinson@URSCorp.com~~ No EDD
	BP/GEM PM Contact: Paul Supple	Consultant Project No.: ~~15-00000608.01~~ 38465883
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: Normal		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.	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	1030		X			01	3				X			X	X	X								
2	MID-1	MID-1	1020		X			02	3				X			X	X	X								
3	MID-2	MID-2	1010		X			03	3				X			X	X	X								
4	EFFL	EFFL	1000		X			04	7		X		X			X	X	X	X	X						
5																										
6																										
7																										
8																										
9																										
10																										

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: George Barashnikov						
Sampler's Company: URS Oakland	[signature]	2/13/03	1550	[signature] SMJ/WC	2/13/03	1550
Shipment Date:	[signature]	2/13	[illegible]	[signature]	2/13/03	1921
Shipment Method: Hand Deliver						
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 5 °F/C Trip Blank Yes ___ No x

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
REC. BY (PRINT): TL
WORKORDER: MHB0952

DATE Received at Lab: 2/13/03
TIME Received at Lab: 1921
LOG IN DATE: 2-14-03

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	#	CLIENT ID	CONTAINER DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / (Absent)	1		Infl	(3) Voas HCl	L	2/13/03	
	Intact / Broken*	2		Mid-1	"	"	"	
2. Chain-of-Custody	(Present) / Absent*	3		Mid-2	"	"	"	
3. Traffic Reports or Packing List:	Present / (Absent)	4		Eff	(3) Voas HCl	"	"	
				"	(3) Voas H2SO4	"	"	
4. Airbill:	Airbill / Sticker			"	(1) 1L poly	"	"	
	Present / (Absent)							
5. Airbill #:								
6. Sample Labels:	(Present) / Absent							
7. Sample IDs:	(Listed) / Not Listed on Chain-of-Custody							
8. Sample Condition:	(Intact) / Broken* / Leaking*							
9. Does information on 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: 5.7								
Is temp 4 +/-2°C?	(Yes) / No**							

(Acceptance range for samples requiring thermal pres.)

**Exception (if any): Metals / DFF on ice? / DFF no ice? or Problem COC

2/14/03 TL

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

ATTACHMENT C
HISTORICAL GROUNDWATER DATA TABLES

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

Well Number	Date Sampled	Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-5 ††	03/13,14/96	33.99	9.75	24.24	1,600	30	<10	13	<10	NA	NM
	05/28,29/96		11.48	22.51	240	2.4	<0.50	<0.50	<0.50	NA	NM
	08/28/96		12.58	21.41	250	210	8.0	<1.0	<1.0	210	NM
	11/25,26/96		12.07	21.92	<500	<5.0	<5.0	<5.0	<5.0	280	NM
	03/31/97 †		12.42	21.57	<50	<0.50	<0.50	<0.50	<0.50	41	NM
	06/25/97		12.64	21.35	NS	NS	NS	NS	NS	NS	NM
	09/09,10/97		12.75	21.24	<50	<0.50	<0.50	<0.50	<0.50	19	NM
	11/24,25/97		12.60	21.39	<50	0.9	<0.50	<0.50	<0.50	23	1.4
	03/19,20/98		10.43	23.56	61	1.0	0.56	0.55	<0.50	75	1.2
	06/04/98		11.24	22.75	150	<0.30	<0.30	0.32	0.74	20	1.4
	09/21,22/98		12.45	21.54	110	0.59	<0.50	<0.50	<0.50	25	1.8
	12/14,15/98		11.86	22.14	<200	<2.0	<2.0	<2.0	<2.0	600	1.2
	03/15,16/99		11.05	22.94	50.9	<0.50	<0.50	<0.50	<0.50	211	1.0
	06/14,15/99		12.25	21.74	211	<0.50	<0.50	<0.50	<0.50	212	1.2
	09/15,16/99		12.70	21.29	139	<0.50	<0.50	<0.50	<0.50	184	2.4
	12/08,09/99		12.56	21.43	87.4	<0.50	<0.50	<0.50	<0.50	197	1.2
	03/15/00		10.10	23.89	82.4	<0.50	0.710	<0.50	0.579	906	1.2
	03/15/00 a		--	--	--	--	--	--	--	1,230	--
	06/13/00 b		12.44	21.55	96.7	<0.50	<0.50	<0.50	<0.50	551	2.0
	9/19,20/00		12.45	21.54	<50.0	<0.50	<0.50	<0.50	<0.50	51	2.2
	12/14,15/00		12.03	21.96	152.0	1.33	0.56	<0.50	<0.50	<2.50	1.0
	3/8,9/01		10.81	23.18	<50.0	<0.50	<0.50	<0.50	<0.50	73.8	1.6
	06/14/01		12.25	21.74	<50.0	<0.50	<0.50	<0.50	<0.50	47.0	1.8
	09/26/01		12.83	21.16	<50.0	<0.50	<0.50	<0.50	<0.50	270.0	2.0
	12/29/01		10.97	23.02	<50.0	<0.50	<0.50	<0.50	0.95	370.0	2.4
	03/13/02		11.46	22.53	530	<2.5	<2.5	<2.5	<2.5	1100	3.00
MW-7	03/13,15/96	34.40	9.73	24.67	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96		11.60	22.80	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28,29/96		12.63	21.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25,26/96		12.10	22.30	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97		11.72	22.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97		12.98	21.42	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97		12.25	22.15	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	11/24,25/97		12.57	21.83	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
	03/19,20/98		10.35	24.05	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
	06/04/98		11.30	23.10	<50	<0.30	<0.30	<0.30	<0.60	<10	0.7
	09/21,22/98		12.48	21.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.4
	12/14,15/98		11.90	22.50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.2
	03/15,16/99		11.10	23.30	<50	<0.50	<0.50	<0.50	<0.50	<	0.0
	06/14,15/99				Removed From Gauging and Sampling Program						
MW-8	03/13,14/96	32.79	8.90	23.89	670	5.1	<2.0	<2.0	<2.0	NA	NM
	05/28,29/96		10.58	22.21	490	<1.0	<1.0	0.91	0.91	NA	NM
	08/28/96		11.30	21.49	680	29	2.1	3.0	2.4	80	NM
	11/25/96		10.80	21.99	620	1.2	2.6	2.9	2.0	46	NM
	03/31-04/01/97		10.76	22.03	530	<1.0	1.7	2.0	3.8	380	NM
	06/25/97		11.65	21.14	480	6.7	0.69	0.8	0.71	88	NM
	09/09,10/97		11.67	21.12	570	57	<1.0	2.1	1.7	57	2.0
	09/09,10/97 a		--	--	--	--	--	--	--	48	--
	11/24,25/97		11.50	21.29	530	3.0	1.7	1.9	1.5	26	2.0
	03/19,20/98		9.40	23.39	440	1.4	<0.50	<0.50	3.7	140	2.2
	06/03/98		10.25	22.54	360	2.2	1.2	1.8	1.0	47	0.3
	09/21,22/98		11.37	21.42	380	<2.5	<2.5	<2.5	<2.5	620	0.0
	12/14,15/98		10.80	21.99	<50	<0.50	<0.50	<0.50	<0.50	1,600	0.0
	03/15,16/99		10.00	22.79	<500	<5.0	<5.0	<5.0	<5.0	625	0.0
	06/14,15/99		11.17	21.62	166	<0.50	<0.50	<0.50	<0.50	141	NM
	09/15,16/99		11.65	21.14	<500	<5.0	<5.0	<5.0	<5.0	2,380	2.4
	12/08,09/99		11.48	21.31	213	<0.50	<0.50	<0.50	<0.50	4,160	2.8
	03/15/00		9.38	23.41	133	<0.50	3.44	<0.50	0.548	1,350	2.2
	03/15/00 a		--	--	--	--	--	--	--	1,980	--
	06/13/00 b		11.93	20.86	227	<0.50	<0.50	<0.50	<0.50	657	1.0
	9/19,20/2000		11.46	21.33	191	1.7	3.2	<0.50	1.2	160	1.0
	12/14,15/00		10.97	21.82	243	<0.50	<0.50	<0.50	<0.50	243	2.0
	3/8,9/01		9.80	22.99	144	<0.50	<0.50	<0.50	<0.50	188	3.0
	06/14/01		11.22	21.57	150	3.2	0.75	<0.50	1.0	230	3.4
	09/26/01		10.80	21.99	140	<0.50	0.58	<0.50	1.9	170	0.6
	12/29/01		9.85	22.94	<50.0	<0.50	<0.50	<0.50	<0.50	560	4.2
	03/13/02		10.30	22.49	500	<2.5	<2.5	<2.5	<2.5	1,100	2.0

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

Well Number		Date Sampled		Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-9		03/13,15/96		32.11	7.65	24.46	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28/96			9.67	22.44	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28,29/96			10.78	21.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25/96			10.24	21.87	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			9.95	22.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			10.85	21.26	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			10.87	21.24	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
		11/24,25/97			10.70	21.41	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
		03/19,20/98			8.63	23.48	<50	<0.50	<0.50	<0.50	<0.50	58	4.8
		06/04/98			9.35	22.76	<50	<0.30	<0.30	<0.30	<0.60	<10	2.0
		09/21,22/98			10.55	21.56	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
		12/14,15/98			9.98	22.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
		03/15,16/99			9.10	23.01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.0
		06/14,15/99			10.32	21.79	<50	<0.50	<0.50	<0.50	<0.50	3.27	2.2
		09/15,16/99			10.83	21.28	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.2
		12/08,09/99			10.70	21.41	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.6
		03/15/00			8.58	23.53	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
		06/13/00	b		10.48	21.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		9/19,20/00			10.53	21.58	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		12/14,15/00			10.35	21.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
		3/8,9/01			9.05	23.06	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
		06/14/01			10.33	21.78	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
		09/26/01			10.82	21.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
		12/29/01			8.82	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	3.39	<1.0	152	0.4
		03/15,16/99			9.30	22.37	910	17.6	1.3	5.24	<1.0	268	0.0
		06/14,15/99			10.57	21.10	643	<0.50	0.761	1.13	1.35	232	NM
		09/15,16/99			11.03	20.64	655	<1.25	1.26	<1.25	<1.25	315	5.8
		12/08,09/99			10.88	20.79	898	5.7	1.29	<1.0	<1.0	236	5.6
		03/15/00			8.68	22.99	459	<1.0	<1.0	<1.0	<1.0	266	2.2
		03/15/00	a		--	--	--	--	--	--	--	342	--
		06/13/00	b		10.85	20.82	617	6.82	2.77	3.07	1.92	437	1.0
		9/19,20/00			10.70	20.97	527	<0.50	0.86	0.99	1.19	413	2.2
		12/14,15/00			10.35	21.32	456	10.50	1.01	0.60	<0.50	145	4.0
		3/8,9/01			9.12	22.55	509	<0.50	21.90	3.16	3.55	161	3.2
		06/14/01			10.55	21.12	710	9.20	2.60	<0.50	1.50	290	3.0
		09/26/01			10.98	20.69	580	<0.50	1.60	1.50	1.60	250	2.6
		12/29/01			9.06	22.61	410	<0.50	6.70	2.50	2.90	950	3.2
		03/13/02			9.68	21.99	680	<5.0	<5.0	<5.0	<5.0	570	3.2
MW-11		03/13,14/96		32.54	8.60	23.94	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28/96			10.55	21.99	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28/96			11.52	21.02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25/96			11.00	21.54	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			10.88	21.66	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			11.65	20.89	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			11.75	20.79	80	<0.50	<0.50	<0.50	0.65	<2.5	2.0
		11/24,25/97			11.50	21.04	<50	<0.50	<0.50	<0.50	<0.50	3.8	2.4
		03/19/98			9.43	23.11	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
		06/03/98			10.27	22.27	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.8
		09/21,22/98			11.43	21.11	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
		12/14/98			10.85	21.69	<50	<0.50	<0.50	<0.50	<0.50	<2.0	1.4
		03/15,16/99			10.05	22.49	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.2

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

Well Number		Date Sampled		Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-11		06/14,15/99			11.25	21.29	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
(cont.)		09/15/99			11.68	20.86	<50	<0.50	<0.50	<0.50	<0.50	<5.0	3.4
		12/08,09/99			11.53	21.01	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
		03/15/00			9.32	23.22	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.7
		06/13/00	b		11.05	21.49	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
		9/19,20/00			11.37	21.17	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		3/8,9/01			11.00	21.54	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
		3/8,9/01			9.78	22.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
		06/14/01			11.23	21.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.4
		09/26/01			11.70	20.84	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
		12/29/01			9.91	22.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
		03/13/02			10.38	22.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
E-1A	††	03/13,14/96		33.06	10.35	22.71	2,700	38	<5.0	130	6.2	NA	NM
(MW-12)		05/28,29/96			11.50	21.56	1,400	410	18	55	5.5	NA	NM
		08/28/96			11.70	21.36	NS	NS	NS	NS	NS	NS	NM
		11/25,26/96			11.18	21.88	4,300	13	<5.0	100	20	220	NM
		03/31/97	†		12.65	20.41	1,900	7.9	<2.0	62	3.5	140	NM
		06/25/97			11.82	21.24	4,900	21	<5.0	53	6.8	160	NM
		09/09,10/97			11.85	21.21	3,200	9.0	<5.0	45	<5.0	85	2.0
		09/09,10/97	a		--	--	--	--	--	--	--	70	--
		11/24,25/97			11.75	21.31	2,000	10	<2.5	42	2.8	65	1.0
		03/19,20/98			9.65	23.41	11,000	1,300	<0.50	550	380	220	6.2
		06/04/98	b		10.47	22.59	4,500	3.3	0.92	41	4.0	51	1.5
		09/21,22/98			11.60	21.46	3,300	1.7	<0.50	29	3.6	52	1.8
		12/14,15/98			11.10	21.96	3,100	21	6.7	28	<5.0	140	1.0
		03/15,16/99			10.25	22.81	3,900	24.5	<20	41.2	<20	296	1.0
		06/14,15/99			11.47	21.59	5,090	<5.0	<5.0	6.01	<5.0	234	1.4
		09/15,16/99			11.90	21.16	2,200	7.93	<5.0	10.50	<5.0	142	3.2
		12/08,09/99			11.75	21.31	1,490	6.57	1.36	9.21	<1.25	364	NM
		03/15/00			9.52	23.54	4,430	26.1	<10.0	15.3	<10.0	786	1.8
		03/15/00	a		--	--	--	--	--	--	--	908	--
		06/13/00	b		22.31	10.75	262	9.62	0.584	0.535	<0.5	534	3.4
		9/19,20/00			23.15	9.91	143	1.01	<0.50	<0.50	<0.50	76	2.8
		12/14,15/00			NA	NA	181	<0.50	<0.50	0.789	<0.50	100	1.4
		3/8,9/01			23.80	9.26	370	1.78	<0.50	0.765	<0.50	76	1.6
		06/14/01			21.10	11.96	180	<0.50	<0.50	0.54	<0.50	100	2.6
		09/26/01			19.95	13.11	<50.0	<0.50	<0.50	<0.50	<0.50	210	1.8
		12/29/01			22.40	10.66	<50.0	<0.50	<0.50	<0.50	<0.50	190	2.0
		03/13/02			21.75	11.31	200	<0.50	<0.50	<0.50	<0.50	310	3.4
MW-13		03/13,15/96		35.42	10.90	24.52	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28,29/96			12.90	22.52	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28/96			13.89	21.53	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25/96			13.41	22.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			13.11	22.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			13.98	21.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			14.09	21.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		11/24,25/97			13.90	21.52	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		03/19,20/98			11.80	23.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
		06/04/98			12.63	22.79	<50	<0.30	<0.30	<0.30	<0.60	<10	1.3
		09/21,22/98			13.77	21.65	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
		12/14,15/98			13.28	22.14	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
		03/15,16/99	b		12.48	22.94	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.2
		06/14,15/99			Removed From Gauging and Sampling Program								
MW-14		03/13,15/96		30.46	6.63	23.83	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		05/28/96			8.83	21.63	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
		08/28/96			9.83	20.63	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		11/25/96			9.33	21.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		03/31-04/01/97			9.04	21.42	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		06/25/97			9.94	20.52	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
		09/09,10/97			10.08	20.38	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
		11/24,25/97			9.78	20.68	<50	<0.50	<0.50	<0.50	<0.50	2.9	2.6
		03/19/98			7.92	22.54	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
		06/03/98			8.52	21.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.1
		09/21,22/98			9.72	20.74	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.8
		12/14/98			9.15	21.31	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.8
		03/15,16/99			8.20	22.26	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.6

Table 2
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ARCO Service Station 0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

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

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

ARCO Service Station 0608
17501 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			10.65	19.05	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.4
	03/19/98			8.95	20.75	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	06/03/98			9.57	20.13	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.8
	09/21,22/98			10.80	18.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	12/14/98			10.18	19.52	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.6
	03/15,16/99			9.20	20.50	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
	06/14,15/99			10.60	19.10	Well Sampled Annually						
	09/15/99			10.96	18.74	Well Sampled Annually						
	12/08,09/99			10.79	18.91	Well Sampled Annually						
	03/15/00			8.80	20.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/13/00	b		10.60	19.10	Well Sampled Annually						
	9/19,20/00			10.63	19.07	Well Sampled Annually						
	12/14,15/00			10.39	19.31	Well Sampled Annually						
	3/8,9/01			9.03	20.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
	06/14/01			10.40	19.30	Well Sampled Annually						
	09/26/01			10.91	18.79	Well Sampled Annually						
	12/29/01			8.24	21.46	Well Sampled Annually						
	03/13/02			9.46	20.24	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
MW-19	03/13/96		29.02	7.06	21.96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96			9.42	19.60	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96			10.33	18.69	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96			9.67	19.35	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97			9.65	19.37	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97			10.41	18.61	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97			10.47	18.55	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0
	11/24,25/97			10.35	18.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.6
	03/19/98			8.67	20.35	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/03/98			9.15	19.87	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2
	09/21,22/98			10.28	18.74	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	12/14/98			9.70	19.32	<50	<0.50	<0.50	0.588	0.647	<2.0	2.4
	03/15,16/99			Well Inaccessible								
	06/14,15/99			Removed From Gauging and Sampling Program								
MW-20				Well Destroyed								
MW-21	03/13/96		28.72	7.58	21.14	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96			9.85	18.87	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96			10.75	17.97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96			10.00	18.72	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97			10.03	18.69	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97			10.83	17.89	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97			10.90	17.82	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	11/24,25/97			10.50	18.22	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	03/19/98			9.08	19.64	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.08
	06/03/98			9.57	19.15	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.6
	09/21,22/98			10.75	17.97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.4
	12/14/98			10.11	18.61	<50	<0.50	<0.50	<0.50	<0.50	<2.0	0.6
	03/15,16/99			9.10	19.62	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0
	06/14,15/99			10.58	18.14	Well Sampled Annually						
	09/15/99			10.93	17.79	Well Sampled Annually						
	12/08,09/99			10.70	18.02	Well Sampled Annually						
	03/15/00			8.95	19.77	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.3
	06/13/00	b		10.97	17.75	Well Sampled Annually						
	9/19,20/00			10.66	18.06	Well Sampled Annually						
	12/14,15/00			10.30	18.42	Well Sampled Annually						
	3/8,9/01			9.00	19.72	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.4
	06/14/01			10.40	18.32	Well Sampled Annually						
	09/26/01			10.75	17.97	Well Sampled Annually						
	12/29/01			7.86	20.86	Well Sampled Annually						
	03/13/02			9.40	19.32	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.2
MW-22	03/13/96		29.29	7.83	21.46	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96			10.33	18.96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96			11.28	18.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96			10.61	18.68	<50	<0.50	<0.50	<0.50	<0.50	3.0	NM
	12/30/96			10.61	18.68	NA	NA	NA	NA	NA	3.3	NM
	03/31-04/01/97			10.56	18.73	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97			11.51	17.78	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97			11.45	17.84	<50	<0.50	<0.50	<0.50	<0.50	3.4	1.0
	11/24,25/97			11.08	18.21	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.6
	03/19/98			9.40	19.89	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	06/03/98			10.00	19.29	<50	<0.50	<0.50	<0.50	<0.50	0.87	3.2
	09/21,22/98			11.27	18.02	<50	<0.50	<0.50	<0.50	<0.50	2.1	2.8
	12/14/98			10.65	18.64	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.4
	03/15,16/99			9.67	19.62	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.4
	06/14,15/99			11.06	18.23	<50	<0.50	<0.50	<0.50	<0.50	5.05	1.0
	09/15/99	a		11.46	17.83	<50	<0.50	<0.50	<0.50	<0.50	49.2	1.2
	12/08,09/99			11.25	18.04	<50	<0.50	<0.50	<0.50	<0.50	17.9	1.4

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

Well Number	Date Sampled		Well Elevation (feet, MSL)	Depth to Water (feet, TOB)	Groundwater Elevation (feet, MSL)	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	Dissolved Oxygen (ppm)
MW-22	03/15/00			9.20	20.09	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.1
(cont.)	06/13/00	b		11.06	18.23	<50	<0.50	<0.50	<0.50	<0.50	6.85	1.0
	9/19,20/00			11.12	18.17	<50	<0.50	<0.50	<0.50	<0.50	3.18	1.8
	12/14,15/00			10.85	18.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	3/8,9/01			9.43	19.86	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8
	06/14/01			10.98	18.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	09/26/01			11.41	17.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0
	12/29/01			8.78	20.51	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/13/02			9.86	19.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
MW-23	03/13/96		30.99	9.13	21.86	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96			11.37	19.62	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96			12.31	18.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96			11.76	19.23	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97			11.56	19.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97			12.39	18.60	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97			12.53	18.46	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.0
	11/24,25/97			12.13	18.86	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4
	03/19/98			10.22	20.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.4
	06/03/98			11.03	19.96	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3
	09/21,22/98			12.31	18.68	<50	<0.50	0.54	1.9	<0.50	<2.5	2.2
	12/14/98			11.67	19.32	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.0
	03/15,16/99			10.82	20.17	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.6
	06/14,15/99			12.08	18.91	Well Sampled Annually						
	09/15/99			12.48	18.51	Well Sampled Annually						
	12/08,09/99			12.29	18.70	Well Sampled Annually						
	03/15/00			10.04	20.95	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2
	06/13/00	b		11.95	19.04	Well Sampled Annually						
	9/19,20/00			12.15	18.84	Well Sampled Annually						
	12/14,15/00			12.25	18.74	Well Sampled Annually						
	3/8,9/01			10.49	20.50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.6
	06/14/01			11.97	19.02	Well Sampled Annually						
	09/26/01			12.40	18.59	Well Sampled Annually						
	12/29/01			10.42	20.57	Well Sampled Annually						
	03/13/02			11.01	19.98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.0
MW-24	03/13,15/96		34.38	10.10	24.28	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96			12.25	22.13	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28/96			13.28	21.10	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96			12.71	21.67	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97			12.50	21.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97			13.38	21.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	09/09,10/97			13.46	20.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5	5.0
	11/24,25/97			13.25	21.13	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/19,20/98			11.32	23.06	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8
	06/04/98			12.00	22.38	<50	<0.30	<0.30	<0.30	<0.60	<10	0.8
	09/21,22/98			13.13	21.25	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.4
	12/14,15/98			12.53	21.85	<50	<0.50	<0.50	<0.50	<0.50	<2.5	0.2
	03/15,16/99			11.58	22.80	<50	<0.50	<0.50	<0.50	<0.50	<5.0	0.0
	06/14,15/99			Removed From Gauging and Sampling Program								
MW-25	03/13,14/96		34.12	9.61	24.51	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28,29/96			11.30	22.82	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28,29/96			12.32	21.80	<50	<0.50	<0.50	<0.50	<0.50	51	NM
	11/25/96			11.83	22.29	<50	<0.50	<0.50	<0.50	<0.50	110	NM
	03/31-04/01/97			11.55	22.57	<50	<0.50	<0.50	<0.50	<0.50	39	NM
	06/25/97			14.57	19.55	<50	<0.50	<0.50	<0.50	<0.50	49	NM
	09/09,10/97			12.45	21.67	<50	<0.50	<0.50	<0.50	<0.50	78	1.0
	09/09,10/97	a		--	--	--	--	--	--	--	79	--
	11/24,25/97			12.30	21.82	<50	<0.50	<0.50	<0.50	<0.50	130	0.0
	03/19,20/98			10.18	23.94	<50	<0.50	<0.50	<0.50	<0.50	96	1.8
	06/04/98			11.00	23.12	<50	<0.30	<0.30	<0.30	<0.60	44	0.8
	09/21,22/98			12.13	21.99	<50	<0.50	<0.50	<0.50	<0.50	150	0.4
	12/14,15/98			11.60	22.52	<50	<0.50	<0.50	<0.50	<0.50	44	1.0
	03/15,16/99			10.78	23.34	<50	<0.50	<0.50	<0.50	<0.50	26.6	2.0
	06/14,15/99			11.97	22.15	<50	<0.50	<0.50	<0.50	<0.50	98.9	2.2
	09/15,16/1999			12.34	21.78	<50	<0.50	<0.50	<0.50	<0.50	66.4	NM
	12/08,09/99			12.25	21.87	<50	<0.50	<0.50	<0.50	<0.50	55.6	0.0
	03/15/00			10.16	23.96	<50	<0.50	<0.50	<0.50	<0.50	154	1.0
	03/15/00	a		--	--	--	--	--	--	--	206	--
	06/13/00	b		11.72	22.40	<50	<0.50	<0.50	<0.50	<0.50	77.7	1.0
	9/19,20/00			12.08	22.04	<50	1	<0.50	<0.50	<0.50	192	1.2
	12/14,15/00			11.74	22.38	<50	<0.50	<0.50	<0.50	<0.50	134	4.0
	3/8,9/01			10.53	23.59	<50	<0.50	<0.50	<0.50	<0.50	140	2.6
	06/14/01			11.95	22.17	<50	<0.50	<0.50	<0.50	<0.50	150	2.6
	09/26/01			12.22	21.90	<50	<0.50	<0.50	<0.50	<0.50	84	1.0
	12/29/01	c	33.81	10.32	23.49	73	<0.50	<0.50	1	7	94	2.2
	03/13/02			10.99	22.82	57	<0.50	<0.50	<0.50	<0.50	89	2.6
MW-26	03/13,15/96		33.71	9.38	24.33	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/28/96			11.57	22.14	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/28,29/96			12.55	21.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	11/25/96			12.03	21.68	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	03/31-04/01/97			11.84	21.87	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM
	06/25/97			12.94	20.77	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM

Table 2
Groundwater Elevation and Analytical Data
Groundwater Monitoring Wells

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

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

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

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

Please see certified analytical reports for laboratory notes and definitions.

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

Table 3
Groundwater Analytical Data
Domestic Irrigation Wells

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

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

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

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

ATTACHMENT D

EDCC REPORT AND EDF/GEOWELL SUBMITTAL CONFIRMATION

Error Summary Log

04/16/03

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:	MMC0929
Global ID:	T0600100085
Lab Report Number:	MMC0929041120031335

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
MMC092904112003133	17372 VM	MMC092917	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/07/03	3D06008	1	
MMC092904112003133	17372 VM	MMC092917	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/07/03	3D06008	1	
MMC092904112003133	642H	MMC092916	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/07/03	3D06008	1	
MMC092904112003133	642H	MMC092916	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/07/03	3D06008	1	
MMC092904112003133	E-1A	MMC092906	W	CS	8260+OX	SW5030B	03/27/03	04/07/03	04/07/03	3D06009	1	
MMC092904112003133	E-1A	MMC092906	W	CS	8260TPH	SW5030B	03/27/03	04/07/03	04/07/03	3D06009	1	
MMC092904112003133	MW-10	MMC092904	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1	
MMC092904112003133	MW-10	MMC092904	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1	
MMC092904112003133	MW-11	MMC092905	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1	
MMC092904112003133	MW-11	MMC092905	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1	
MMC092904112003133	MW-14	MMC092907	W	CS	8260+OX	SW5030B	03/27/03	04/08/03	04/08/03	3D08001	1	
MMC092904112003133	MW-14	MMC092907	W	CS	8260TPH	SW5030B	03/27/03	04/08/03	04/08/03	3D08001	1	
MMC092904112003133	MW-15	MMC092908	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1	
MMC092904112003133	MW-15	MMC092908	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1	
MMC092904112003133	MW-16	MMC092909	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1	
MMC092904112003133	MW-16	MMC092909	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1	
MMC092904112003133	MW-18	MMC092910	W	CS	8260+OX	SW5030B	03/27/03	04/08/03	04/08/03	3D08001	1	
MMC092904112003133	MW-18	MMC092910	W	CS	8260TPH	SW5030B	03/27/03	04/08/03	04/08/03	3D08001	1	
MMC092904112003133	MW-21	MMC092911	W	CS	8260+OX	SW5030B	03/27/03	04/08/03	04/08/03	3D08001	1	
MMC092904112003133	MW-21	MMC092911	W	CS	8260TPH	SW5030B	03/27/03	04/08/03	04/08/03	3D08001	1	

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run Sub
MMC09290411200 31335	MW-22	MMC092912	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1
MMC09290411200 31335	MW-22	MMC092912	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1
MMC09290411200 31335	MW-23	MMC092913	W	CS	8260+OX	SW5030B	03/27/03	04/08/03	04/09/03	3D08047	1
MMC09290411200 31335	MW-23	MMC092913	W	CS	8260TPH	SW5030B	03/27/03	04/08/03	04/09/03	3D08047	1
MMC09290411200 31335	MW-25	MMC092914	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/07/03	3D06008	1
MMC09290411200 31335	MW-25	MMC092914	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/07/03	3D06008	1
MMC09290411200 31335	MW-26	MMC092915	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/07/03	3D06008	1
MMC09290411200 31335	MW-26	MMC092915	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/07/03	3D06008	1
MMC09290411200 31335	MW-5	MMC092901	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1
MMC09290411200 31335	MW-5	MMC092901	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1
MMC09290411200 31335	MW-8	MMC092902	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1
MMC09290411200 31335	MW-8	MMC092902	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1
MMC09290411200 31335	MW-9	MMC092903	W	CS	8260+OX	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1
MMC09290411200 31335	MW-9	MMC092903	W	CS	8260TPH	SW5030B	03/27/03	04/06/03	04/06/03	3D06004	1
		MMC089102	W	NC	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08047	1
		MMC089102	W	NC	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08047	1
		MMC092001	W	NC	8260+OX	SW5030B	/ /	04/06/03	04/06/03	3D06008	1
		MMC092001	W	NC	8260TPH	SW5030B	/ /	04/06/03	04/06/03	3D06008	1
		MMC092302	W	NC	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08001	1
		MMC092302	W	NC	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08001	1
		MMC092606	W	NC	8260+OX	SW5030B	/ /	04/06/03	04/06/03	3D06004	1
		MMC092606	W	NC	8260TPH	SW5030B	/ /	04/06/03	04/06/03	3D06004	1
		MMD005301	W	NC	8260+OX	SW5030B	/ /	04/07/03	04/07/03	3D06009	1
		MMD005301	W	NC	8260TPH	SW5030B	/ /	04/07/03	04/07/03	3D06009	1
		3D06004BS1	WQ	BS1	8260+OX	SW5030B	/ /	04/06/03	04/06/03	3D06004	1

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
		3D06004BS1	WQ	BS1	8260TPH	SW5030B	/ /	04/06/03	04/06/03	3D06004	1	
		3D06004BS2	WQ	BS2	8260+OX	SW5030B	/ /	04/06/03	04/06/03	3D06004	1	
		3D06004BS2	WQ	BS2	8260TPH	SW5030B	/ /	04/06/03	04/06/03	3D06004	1	
		3D06004BLK1	WQ	LB1	8260+OX	SW5030B	/ /	04/06/03	04/06/03	3D06004	1	
		3D06004BLK1	WQ	LB1	8260TPH	SW5030B	/ /	04/06/03	04/06/03	3D06004	1	
		3D06004MS1	W	MS1	8260+OX	SW5030B	/ /	04/06/03	04/06/03	3D06004	1	
		3D06004MS1	W	MS1	8260TPH	SW5030B	/ /	04/06/03	04/06/03	3D06004	1	
		3D06004MSD1	W	SD1	8260+OX	SW5030B	/ /	04/06/03	04/06/03	3D06004	1	
		3D06004MSD1	W	SD1	8260TPH	SW5030B	/ /	04/06/03	04/06/03	3D06004	1	
		3D06008BS1	WQ	BS1	8260+OX	SW5030B	/ /	04/06/03	04/06/03	3D06008	1	
		3D06008BS1	WQ	BS1	8260TPH	SW5030B	/ /	04/06/03	04/06/03	3D06008	1	
		3D06008BS2	WQ	BS2	8260+OX	SW5030B	/ /	04/06/03	04/06/03	3D06008	1	
		3D06008BS2	WQ	BS2	8260TPH	SW5030B	/ /	04/06/03	04/06/03	3D06008	1	
		3D06008BLK1	WQ	LB1	8260+OX	SW5030B	/ /	04/06/03	04/07/03	3D06008	1	
		3D06008BLK1	WQ	LB1	8260TPH	SW5030B	/ /	04/06/03	04/07/03	3D06008	1	
		3D06008MS1	W	MS1	8260+OX	SW5030B	/ /	04/06/03	04/06/03	3D06008	1	
		3D06008MS1	W	MS1	8260TPH	SW5030B	/ /	04/06/03	04/06/03	3D06008	1	
		3D06008MSD1	W	SD1	8260+OX	SW5030B	/ /	04/06/03	04/07/03	3D06008	1	
		3D06008MSD1	W	SD1	8260TPH	SW5030B	/ /	04/06/03	04/07/03	3D06008	1	
		3D06009BS1	WQ	BS1	8260+OX	SW5030B	/ /	04/07/03	04/07/03	3D06009	1	
		3D06009BS1	WQ	BS1	8260TPH	SW5030B	/ /	04/07/03	04/07/03	3D06009	1	
		3D06009BS2	WQ	BS2	8260+OX	SW5030B	/ /	04/07/03	04/07/03	3D06009	1	
		3D06009BS2	WQ	BS2	8260TPH	SW5030B	/ /	04/07/03	04/07/03	3D06009	1	
		3D06009BLK1	WQ	LB1	8260+OX	SW5030B	/ /	04/07/03	04/07/03	3D06009	1	
		3D06009BLK1	WQ	LB1	8260TPH	SW5030B	/ /	04/07/03	04/07/03	3D06009	1	
		3D06009MS1	W	MS1	8260+OX	SW5030B	/ /	04/07/03	04/07/03	3D06009	1	
		3D06009MS1	W	MS1	8260TPH	SW5030B	/ /	04/07/03	04/07/03	3D06009	1	
		3D06009MSD1	W	SD1	8260+OX	SW5030B	/ /	04/07/03	04/07/03	3D06009	1	
		3D06009MSD1	W	SD1	8260TPH	SW5030B	/ /	04/07/03	04/07/03	3D06009	1	
		3D08001BS1	WQ	BS1	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08001	1	
		3D08001BS1	WQ	BS1	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08001	1	
		3D08001BS2	WQ	BS2	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08001	1	
		3D08001BS2	WQ	BS2	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08001	1	
		3D08001BLK1	WQ	LB1	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08001	1	
		3D08001BLK1	WQ	LB1	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08001	1	
		3D08001MS1	W	MS1	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08001	1	
		3D08001MS1	W	MS1	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08001	1	
		3D08001MSD1	W	SD1	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08001	1	

Report Summary

Labreport	Sampid	Labsampid	Mtrx	QC	Anmcode	Exmcode	Logdate	Extdate	Anadate	Lablotctl	Run	Sub
		3D08001MSD1	W	SD1	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08001	1	
		3D08047BS1	WQ	BS1	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08047	1	
		3D08047BS1	WQ	BS1	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08047	1	
		3D08047BS2	WQ	BS2	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08047	1	
		3D08047BS2	WQ	BS2	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08047	1	
		3D08047BLK1	WQ	LB1	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08047	1	
		3D08047BLK1	WQ	LB1	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08047	1	
		3D08047MS1	W	MS1	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08047	1	
		3D08047MS1	W	MS1	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08047	1	
		3D08047MSD1	W	SD1	8260+OX	SW5030B	/ /	04/08/03	04/08/03	3D08047	1	
		3D08047MSD1	W	SD1	8260TPH	SW5030B	/ /	04/08/03	04/08/03	3D08047	1	

EDFSAMP: Error Summary Log

04/16/03

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

EDFTEST: Error Summary Log

04/16/03

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

EDFRES: Error Summary Log

04/16/03

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

EDFQC: Error Summary Log

04/16/03

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

EDFCL: Error Summary Log

04/16/03

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: 5352412521
Date/Time of Submittal: 4/17/2003 2:03:16 PM
Facility Global ID: T0600100085
Facility Name: ARCO
Submittal Title: 1q03 qmr 0608
Submittal Type: GW Monitoring Report

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CONTACT SITE ADMINISTRATOR.

AB2886 Electronic Delivery

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UPLOADING A GEO_WELL FILE

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

Submittal Title:	**1q03 qmr 0608**
Submittal Date/Time:	**4/17/2003 2:05:19 PM**
Confirmation Number:	**3044758439**

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