

RECEIVED

By dehloptoxic at 11:03 am, Feb 01, 2007



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 1257
San Ramon, CA 94583
Phone: (925) 275-3801
Fax: (925) 275-3815

26 January 2007

Re: Fourth Quarter 2006 Ground-Water Monitoring and Remediation System Status Report
Atlantic Richfield Company (a BP affiliated company) Station #608
17601 Hesperian Boulevard
San Lorenzo, California
ACEH Case #RO0000255

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

Submitted by:

Paul Supple
Environmental Business Manger

**Fourth Quarter 2006 Ground-Water Monitoring
and Remediation System Status Report**
Atlantic Richfield Company Station #608
17601 Hesperian Boulevard
San Lorenzo, California

Prepared for

Mr. Paul Supple
Environmental Business Manager
Atlantic Richfield Company
P.O. Box 1257
San Ramon, California 94583

Prepared by



1324 Mangrove Avenue, Suite 212
Chico, California 95926
(530) 566-1400
www.broadbentinc.com

26 January 2007

Project No. 06-08-606

26 January 2007

Project No. 06-08-606

Atlantic Richfield Company
P.O. Box 1257
San Ramon, California 94583
Submitted via ENFOS

Attn.: Mr. Paul Supple

Re: Fourth Quarter 2006 Ground-Water Monitoring and Remediation System Status Report,
Atlantic Richfield Company (a BP affiliated company) Station #608, 17601 Hesperian Blvd.,
San Lorenzo, Alameda County, California; ACEH Case #RO0000255

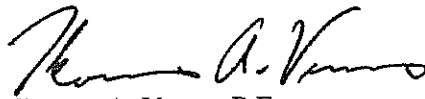
Dear Mr. Supple:

Provided herein is the *Fourth Quarter 2006 Ground-Water Monitoring and Remediation System Status Report* for Atlantic Richfield Company Station #608 (herein referred to as Station #608) located at 17601 Hesperian Boulevard, San Lorenzo, California (Site). This report presents a summary of Fourth Quarter 2006 ground-water monitoring/sampling results and remediation system operation and maintenance.

Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

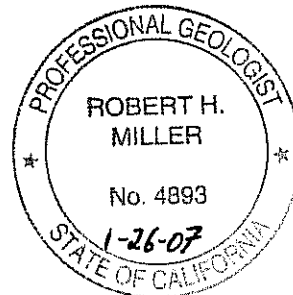
BROADBENT & ASSOCIATES, INC.



Thomas A. Venus, P.E.
Senior Engineer



Robert H. Miller, P.G., C.HG.
Principal Hydrogeologist



Enclosures

cc: Mr. Steven Plunkett, Alameda County Environmental Health (Submitted via ACEH ftp site)
Electronic copy uploaded to GeoTracker

STATION #608 QUARTERLY GROUND-WATER MONITORING REPORT AND REMEDIATION SYSTEM STATUS REPORT

Facility: #608	Address:	17601 Hesperian Boulevard, San Lorenzo
Environmental Business Manager:		Mr. Paul Supple
Consulting Co./Contact Persons:		Broadbent & Associates, Inc.(BAI)/Rob Miller & Tom Venus (530) 566-1400
Consultant Project No.:		06-08-606
Primary Agency/Regulatory ID No.:		Alameda County Environmental Health (ACEH) ACEH Case #RO0000255
Facility Permits/Permitting Agency:		Oro Loma Sanitary District Permit #SDP-037

WORK PERFORMED THIS QUARTER (Fourth Quarter 2006):

1. Prepared and submitted Third Quarter 2006 report.
2. Conducted ground-water monitoring/sampling for Fourth Quarter 2006. Work performed on 7 December 2006 by Stratus Environmental, Inc (Stratus).
3. Continued operation, maintenance and performance monitoring of the ground-water extraction and treatment (GWET) system.
4. Submitted monthly discharge reports for September-November 2006 to Oro Loma Sanitary District.
5. Submitted request to the Oro Loma Sanitary District for change of operator from URS Corporation to Stratus.

WORK PROPOSED FOR NEXT QUARTER (First Quarter 2007):

1. Prepared and submitted Fourth Quarter 2006 Report (contained herein).
2. Conduct ground-water monitoring/sampling for First Quarter 2007.
3. Continue operation, maintenance, and performance monitoring of GWET system.
4. Submit monthly discharge reports for December 2006 through February 2007 to Oro Loma Sanitary District.
5. Submit proposal to ACEH to cease active GWET system remediation.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	<u>Ground-water monitoring/sampling/remediation</u>
Frequency of ground-water sampling:	<u>See Table 4</u>
Frequency of monitoring:	<u>See Table 4</u>
Is free product (FP) present on-site:	<u>No</u>
FP recovered this quarter:	<u>None</u>
Depth to ground water (below TOC):	<u>9.05 ft (MW-14) to 11.71 ft (MW-5)</u>
General ground-water flow direction:	<u>West</u>
Approximate hydraulic gradient:	<u>0.004 ft/ft</u>
Current remediation techniques:	<u>GWET; Three 2,400-lb carbon vessels in series</u>
Frequency of GWET system field monitoring:	<u>Bi-weekly</u>
Frequency of GWET system laboratory sampling:	<u>Monthly</u>
System restart:	<u>06/05/2000</u>
Extraction well:	<u>E-1A</u>
Gallons of ground water treated and discharged for this quarter:	<u>697</u>

QUARTERLY RESULTS SUMMARY (Continued):

Total gallons of ground water treated and discharged to date:	8,346,914	3,659,031	Since restart
Total operation hours to date:	79,335	49,743	Since restart
Mass Removal (pounds)	Quarterly	Cumulative	
Gasoline range organics (GRO):	0.000	7.54	
Benzene:	0.000	0.31	
Methyl-tert butyl ether (MTBE):	0.001	2.97	
GWET system samples collection dates and influent results (µg/L):	10/9/2006	11/10/2006	12/05/2006
GRO:	<50	<50	---
Benzene:	<0.50	<0.50	---
MTBE:	3.3	6.6	---
GWET system samples collection dates and effluent results (µg/L):	10/9/2006	11/10/2006	12/05/2006
GRO:	<50	<50	---
Benzene:	<0.50	<0.50	---
MTBE:	<0.50	<0.50	---

DISCUSSION:

Fourth Quarter 2006 ground-water monitoring and sampling was conducted at Station #608 on 7 December 2006 by Stratus personnel. Water levels were gauged in 12 of the 16 monitoring wells associated with the Site. Monitor well MW-16 was not gauged for depth to water because access to the well was blocked by a parked car. Wells E-1A, 642H and 17372VM were also not measured for depth to water because Stratus reported they could not locate the wells. Depth to water measurements ranged from 9.05 ft at MW-14 to 11.71 ft at MW-5. Resulting ground-water surface elevations ranged from 25.11 ft above mean sea level in up-gradient well MW-25 to 20.91 ft at well MW-21. Water level elevations were between historic minimum and maximum ranges for each well, as summarized in Table 1. Water level elevations yielded a potentiometric ground-water flow direction and gradient to the west at approximately 0.004 ft/ft, consistent with historical data (see Table 3). Ground-water monitoring field data sheets are provided within Appendix A. Measured depths to ground-water and respective ground-water elevations are summarized in Table 1. Potentiometric ground-water elevation contours are presented in Drawing 1.

Water samples were collected from two of the wells associated with the Site, inconsistent with the sampling schedule presented in Table 4. Exceptions to the sampling program included not collecting samples from MW-16, or private wells E-1A, 642H, or 17372VM as described above. No other irregularities were reported during sampling. Samples were submitted under chain-of-custody protocol to Test America Analytical Testing Corporation (Morgan Hill, California), for analysis of Gasoline Range Organics (C4-12) by the LUFT GCMS Method; for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) by EPA Method 8260B; and tert-Amyl methyl ether (TAME), tert-Butyl alcohol (TBA), Diisopropyl ether(DIPE), 1,2-Dibromomethane (EDB), 1,2-Dichloroethane (1,2-DCA), Ethanol, Ethyl tert-butyl ether (ETBE), and Methyl tert-butyl ether (MTBE) by EPA Method 8260B. No significant irregularities were encountered during laboratory analysis of the samples. Ground-water sampling field data sheets and the laboratory analytical report, including chain-of-custody documentation, are provided in Appendix A.

Gasoline range organics (GRO) were detected above the laboratory reporting limits in one well, MW-10 at a concentration of 360 micrograms per liter (µg/L). TAME was detected above the laboratory

reporting limit in one well, MW-25 at a concentration of 6.1 µg/L. TBA was detected above the laboratory reporting limit in one well, MW-10 at a concentration of 24 µg/L. MTBE was detected above the laboratory reporting limit in each of the wells sampled at concentrations up to 14 µg/L in well MW-25. The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the two wells sampled this quarter. The concentration of MTBE detected in well MW-10 was the lowest concentration observed in this well to date. Otherwise, detected analyte concentrations were within the historic minimum and maximum ranges recorded for each well. Historic laboratory analytical results are summarized in Table 1 and Table 2. The most recent GRO, Benzene, and MTBE concentrations are also presented in Drawing 1. A copy of the Laboratory Analytical Report, including chain-of-custody documentation is provided in Appendix A. Ground-water monitoring data (GEO_WELL) and laboratory analytical results (EDF) were uploaded to the GeoTracker AB2886 database. Upload confirmation pages are provided in Appendix C.

For the Fourth Quarter 2006 period from 9 October 2006 to 5 December 2006, the GWET system is reported to have operated 99.8 percent of the time. During this period, a total of 697 gallons of ground water was treated and discharged. No GRO was reported removed during the Fourth Quarter 2006, keeping the total GRO removed to date at 7.54 pounds (1.24 gallons). No Benzene was reported removed during the Fourth Quarter 2006, keeping the total Benzene removed to date at 0.31 pounds (0.04 gallons). For the Fourth Quarter 2006, approximately 0.00002 pounds (0.000 gallons) of MTBE was removed, keeping the total MTBE removed to date to 2.97 pounds (0.48 gallons). Ground-water extraction performance and analytical data is summarized in Table 5. The GWET system operated for approximately six days between 29 November 2006 and 5 December 2006 based on the hour meter reading. However, the ground-water totalizer remained unchanged during this period possibly due to clogging of the filter vessels or pump malfunction. On 5 December 2006, the GWET system was shut down to facilitate change of operator information in the sewer discharge permit. Based on a telephone conversation with the Oro Loma Sanitary District on 21 December 2006, the change of operator request was approved. The system was restarted on 2 January 2007 and shut down the same day after sample collection. The system appeared to be functioning normally after it was restarted.

CLOSURE:

The findings presented in this report are based upon: observations of Stratus field personnel (see Appendix A), the points investigated, and results of laboratory tests performed by Test America (Morgan Hill, California). Our services were performed in accordance with the generally accepted standard of practice at the time this report was written. No other warranty, expressed or implied was made. This report has been prepared for the exclusive use of Atlantic Richfield Company. It is possible that variations in soil or ground-water conditions could exist beyond points explored in this investigation. Also, changes in site conditions could occur in the future due to variations in rainfall, temperature, regional water usage, or other factors.

ATTACHMENTS:

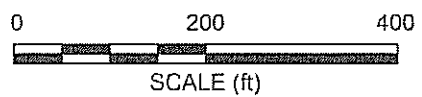
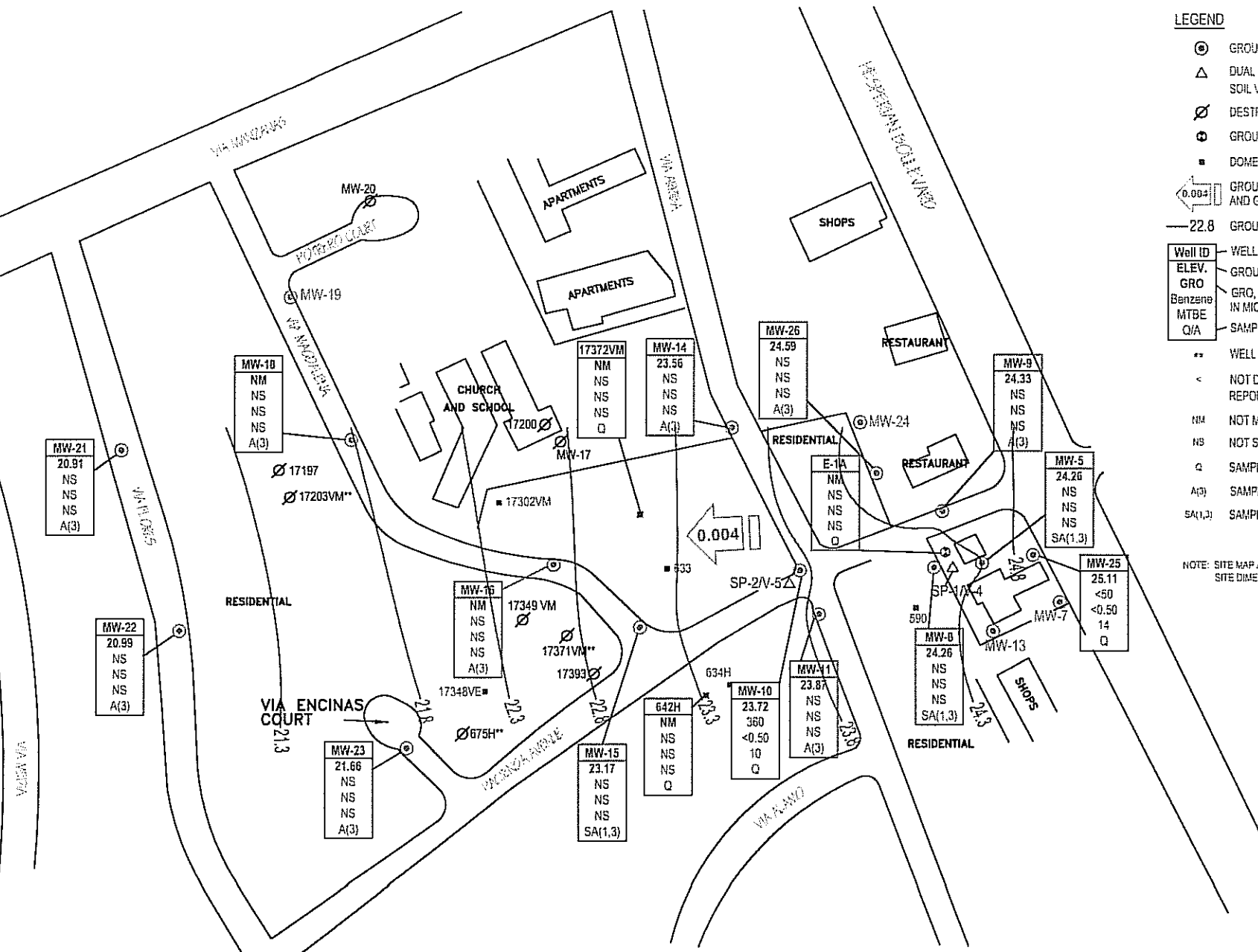
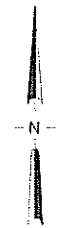
- Drawing 1. Ground-Water Elevation Contours and Analytical Summary Map, 7 December 2006, ARCO Service Station #608, 17601 Hesperian Boulevard, San Lorenzo, California
- Figure 1. Ground-Water Extraction System Mass Removal Trends, TPH-g/GRO and Benzene, ARCO Service Station #608, 17601 Hesperian Boulevard, San Lorenzo, California

- Figure 2. Ground-Water Extraction System Concentration Trends, TPH-g/GRO and Benzene, ARCO Service Station #608, 17601 Hesperian Boulevard, San Lorenzo, California
- Figure 3. Ground-Water Extraction System Mass Removal Trend, MTBE, ARCO Service Station #608, 17601 Hesperian Boulevard, San Lorenzo, California
- Figure 4. Ground-Water Extraction System Concentration Trend, MTBE, ARCO Service Station #608, 17601 Hesperian Boulevard, San Lorenzo, California
- Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #608, 17601 Hesperian Blvd., San Lorenzo, CA
- Table 2. Summary of Fuel Additives Analytical Data, Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA
- Table 3. Historical Ground-Water Flow Direction and Gradient, Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA
- Table 4. Ground-Water Sampling Schedule, Atlantic Richfield Company Station #608, 17601 Hesperian Boulevard, San Lorenzo, California
- Table 5. Ground-Water Extraction System Performance Data, Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA
- Table 6. Treatment System Analytical Data, Station #601, Station #608, 17601 Hesperian Blvd., San Lorenzo, CA
- Appendix A. Stratus Ground-Water Sampling Data Package (Includes Field Data Sheets and Laboratory Analytical Report with Chain-of-Custody Documentation)
- Appendix B. System O&M Data Packages and Monthly Discharge Reports (Includes Field Data Sheets and Laboratory Analytical Reports with Chain-of-Custody Documentation)
- Appendix C. GeoTracker Upload Confirmation

LEGEND

- ⊙ GROUND-WATER MONITORING WELL
 - △ DUAL COMPLETION AIR SPARGING/
SOIL VAPOR EXTRACTION WELL
 - ⊘ DESTROYED WELL
 - ⊕ GROUND-WATER EXTRACTION WELL
 - DOMESTIC IRRIGATION WELL
 - ← 0.004 GROUND-WATER FLOW DIRECTION
AND GRADIENT (FT/FT)
 - 22.8 GROUND-WATER ELEVATION CONTOUR (FTMSL)
- | | |
|---------|--|
| Well ID | WELL DESIGNATION |
| ELEV. | GROUND-WATER ELEVATION (MSL) |
| GRO | GRO, BENZENE AND MTBE CONCENTRATIONS
IN MICROGRAMS PER LITER (µg/L) |
| MTBE | GRO, BENZENE AND MTBE CONCENTRATIONS
IN MICROGRAMS PER LITER (µg/L) |
| Q/A | SAMPLING FREQUENCY |
- ** WELL DESTROYED 4TH QTR. 2004
 - < NOT DETECTED AT OR ABOVE LABORATORY
REPORTING LIMITS
 - NM NOT MEASURED
 - NS NOT SAMPLED
 - Q SAMPLED QUARTERLY
 - A(3) SAMPLED ANNUALLY, 3RD QUARTER
 - SA(1,3) SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS

NOTE: SITE MAP ADAPTED FROM ITC CORPORATION FIGURES.
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



BROADBENT & ASSOCIATES, INC.
 ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
 1324 Mangrove Ave. Suite 212, Chico, California 95926
 Project No.: 06-08-606 Date: 01/10/07

ARCO Service Station #608
 17601 Hesperian Boulevard
 San Lorenzo, California

Ground-Water Elevation Contours
 and Analytical Summary Map
 FOURTH QUARTER 2006
 December 7, 2006

Drawing
1

Figure 1
Ground-Water Extraction System Mass Removal Trends
TPH-g/GRO and Benzene
ARCO Service Station #608
17601 Hesperian Boulevard
San Lorenzo, California

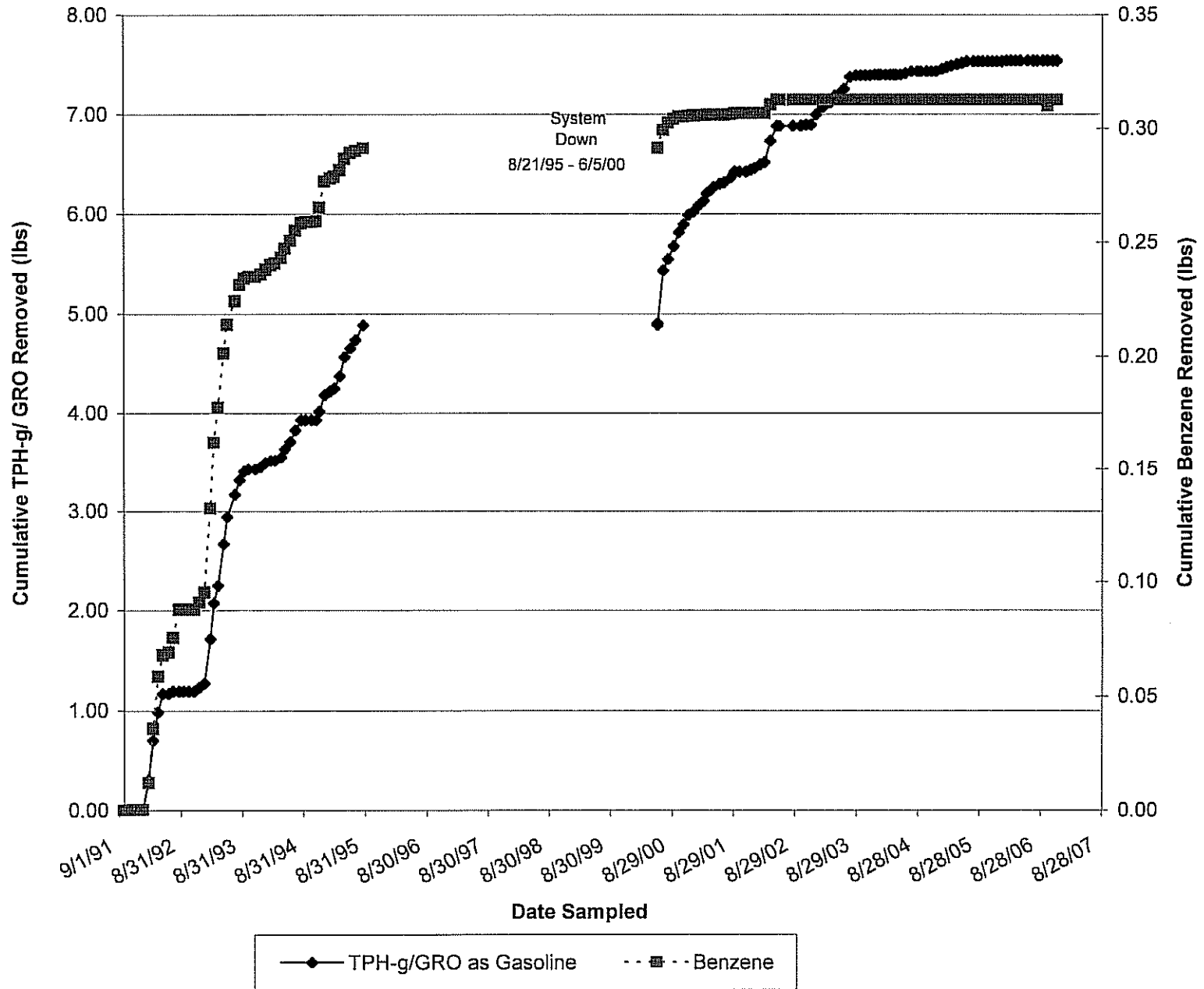


Figure 2
Ground-Water Extraction System Concentration Trends
TPH-g/ GRO and Benzene

ARCO Service Station #608
17601 Hesperian Boulevard
San Lorenzo, California

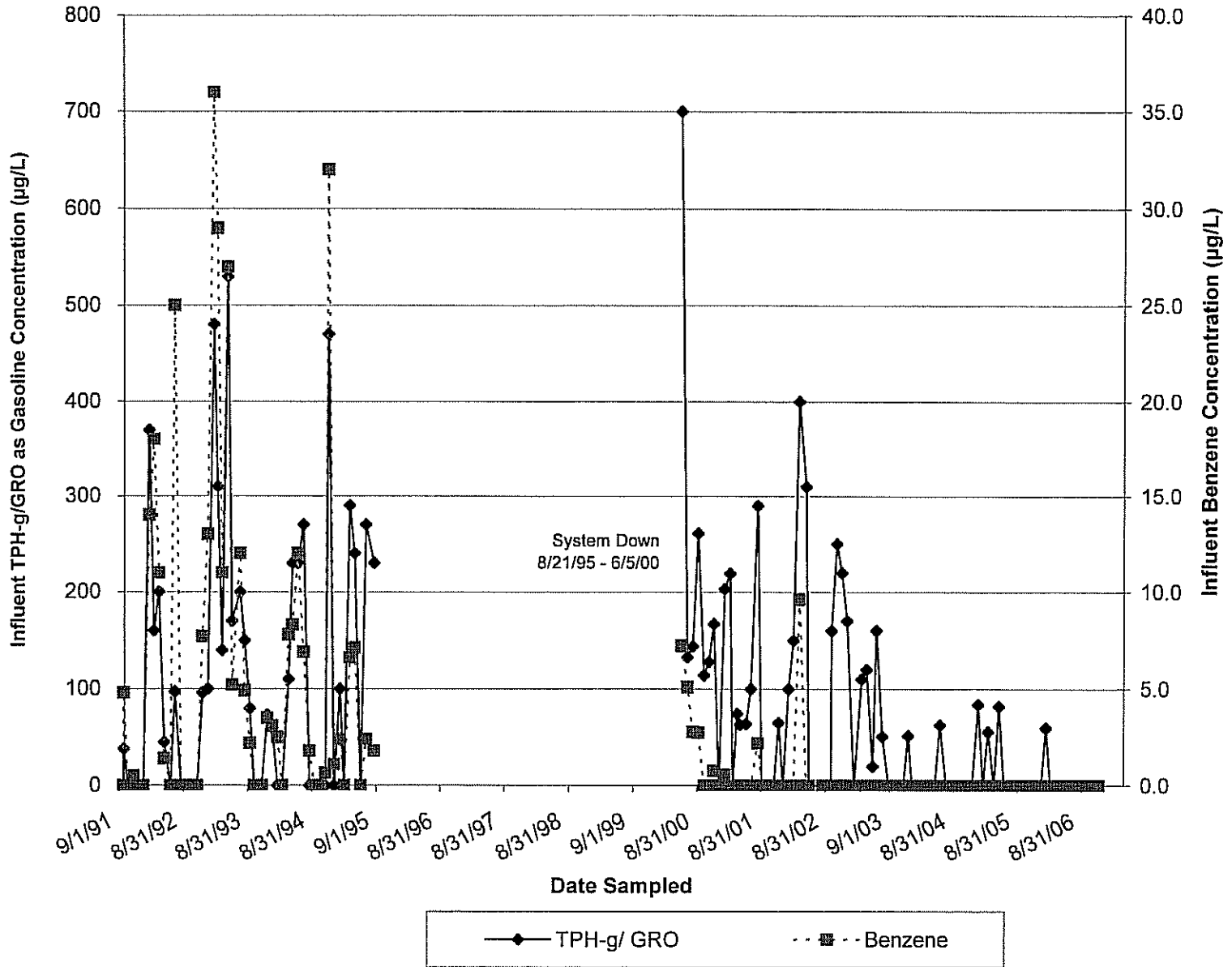


Figure 3
Ground-Water Extraction System Mass Removal Trend
MTBE

ARCO Service Station #608
17601 Hesperian Boulevard
San Lorenzo, California

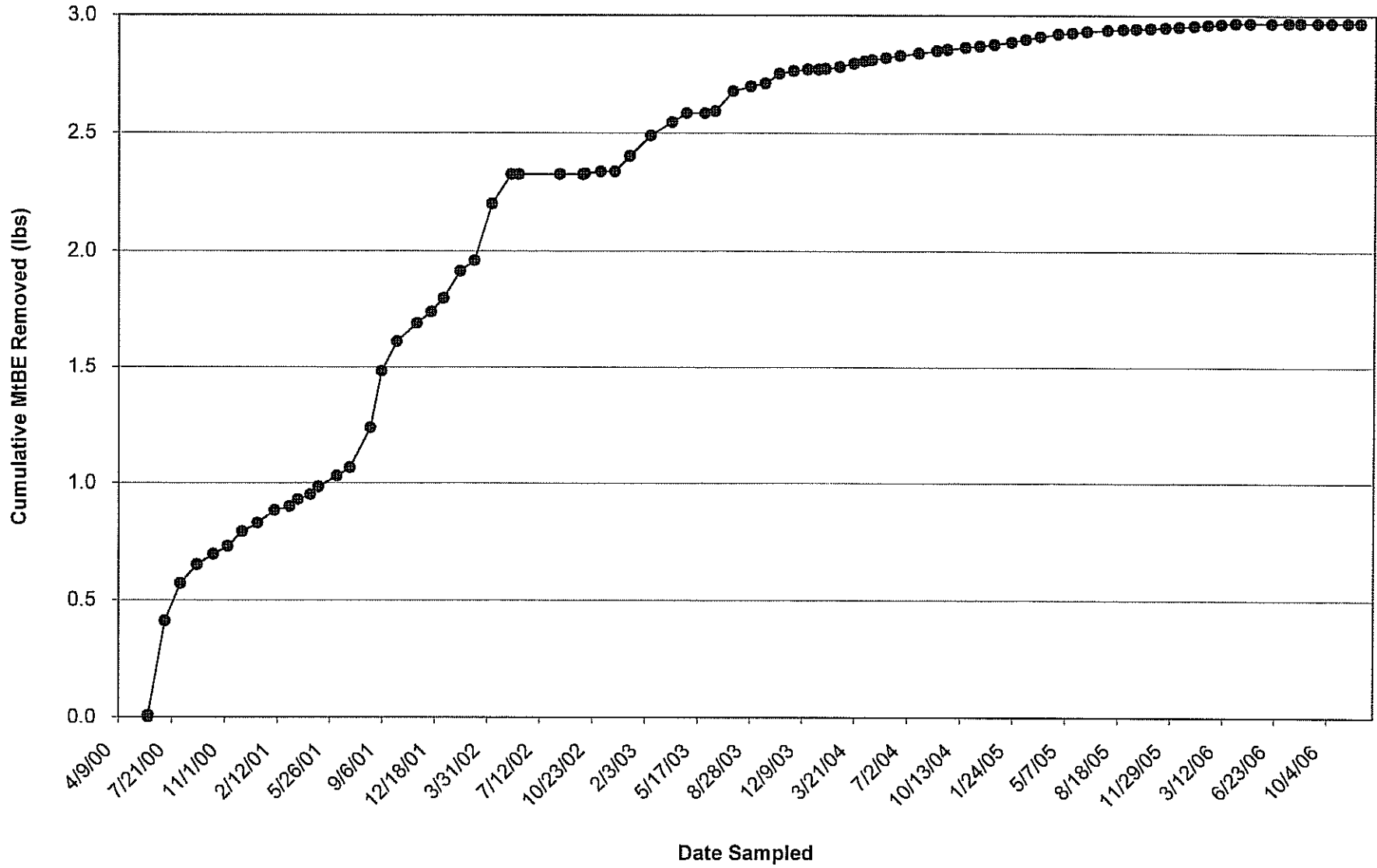


Figure 4
Ground-Water Extraction System Concentration Trend
MTBE

ARCO Service Station #608
17601 Hesperian Boulevard
San Lorenzo, California

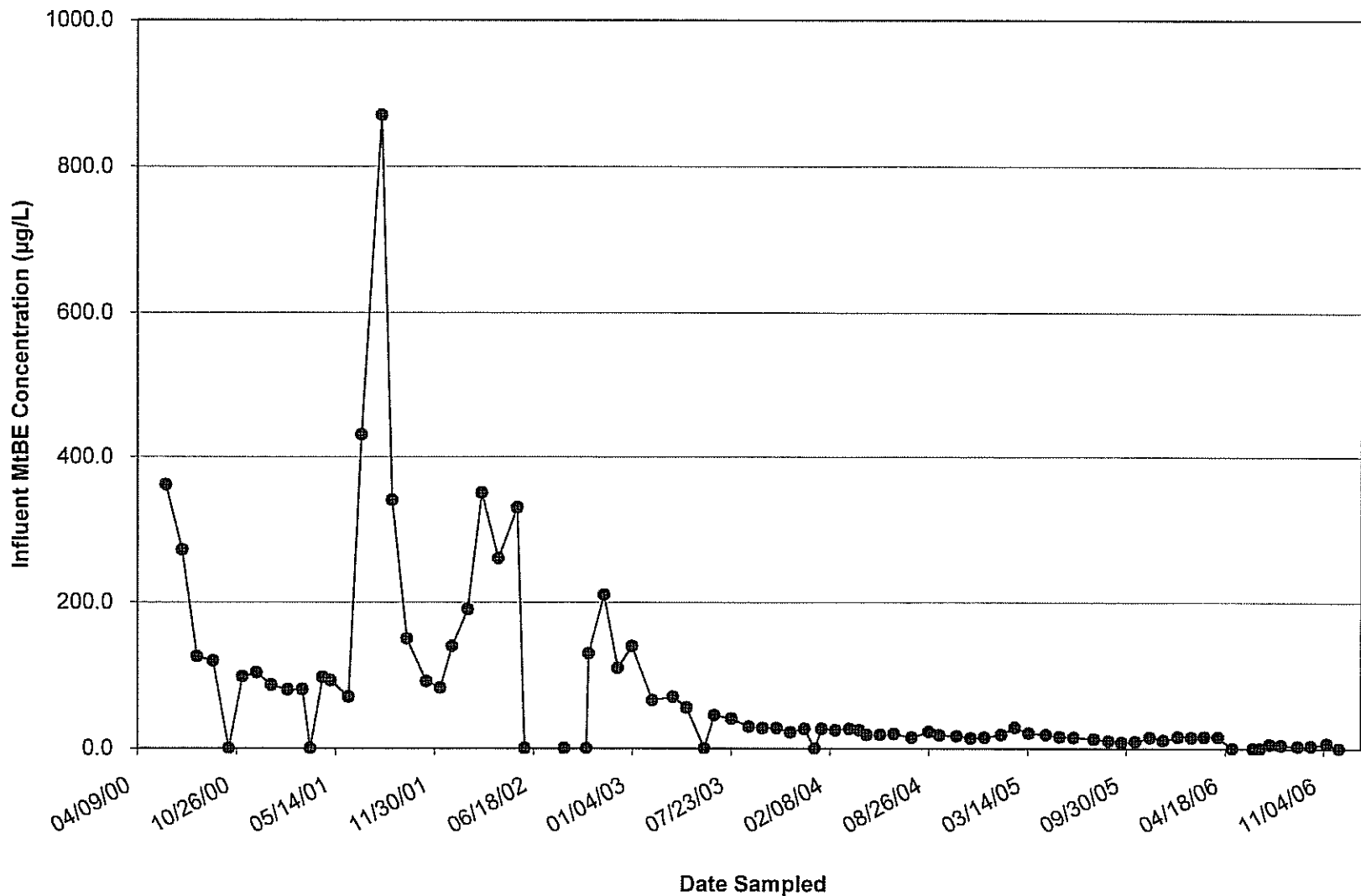


Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
17349 VM															
3/13/2002	--		--	--	--	--	--	<50	1	<0.50	<0.50	<0.50	49	--	--
6/28/2002	--	l	--	--	--	--	--	66	0.50	<0.50	<0.50	<0.50	47/45	--	--
9/20/2002	--	k	--	--	--	--	--	--	--	--	--	--	--	--	--
17372 VM															
3/13/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
9/20/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
12/30/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
3/27/2003	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
9/15/2003	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
12/04/2003	NP		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	7.2
03/10/2004	--	m	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
06/10/2004	NP	m	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.1	6.9
09/22/2004	NP	m	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	7.2
12/13/2004	NP	m	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.76	7.6
03/10/2005	NP	m	--	--	--	--	--	<100	<0.50	<0.50	<0.50	<4.0	<0.50	7.5	8.0
06/29/2005	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
09/14/2005	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
12/13/2005	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
03/20/2006	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
6/22/2006	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/2006	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
12/7/2006	--	j	--	--	--	--	--	--	--	--	--	--	--	--	--
642 H															
3/13/2002	--	j	--	--	--	--	--	--	--	--	--	--	--	--	--
6/28/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
9/20/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
12/30/2002	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
3/27/2003	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
642 H Cont.															
6/30/2003	--	j	--	--	--	--	--	--	--	--	--	--	--	--	--
9/15/2003	--		--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50		
12/04/2003	NP		--	--	--	14.75	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	7.1
06/10/2004	--	n	--	--	--	--	--	--	--	--	--	--	--	7.9	--
09/22/2004	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
12/13/2004	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
03/10/2005	--	n	--	--	--	--	--	--	--	--	--	--	--	--	--
06/29/2005	--	n	--	--	--	--	--	--	--	--	--	--	--	--	--
09/14/2005	--	n	--	--	--	--	--	--	--	--	--	--	--	--	--
12/13/2005	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
03/20/2006	--	o	--	--	--	--	--	--	--	--	--	--	--	--	--
6/22/2006	--	j	--	--	--	--	--	--	--	--	--	--	--	--	--
9/22/2006	--	j	--	--	--	--	--	--	--	--	--	--	--	--	--
12/7/2006	--	j	--	--	--	--	--	--	--	--	--	--	--	--	--
E-1A															
3/13/2002	--	a	33.06	--	--	21.75	11.31	200	<0.50	<0.50	<0.50	<0.50	310	--	--
6/28/2002	--	b	33.06	--	--	11.22	21.84	260	<0.50	1.1	1.2	1.2	150	--	--
9/20/2002	--		33.06	--	--	11.80	21.26	250	1.18	0.52	<0.5	<1.5	218	--	--
12/30/2002	--	c, e	33.06	--	--	16.33	16.73	190	<1.2	<1.2	<1.2	<1.2	190	--	--
3/27/2003	--	g	33.06	--	--	13.63	19.43	96	<0.50	<0.50	<0.50	<0.50	60	--	--
6/30/2003	P	h	33.06	--	--	9.60	23.46	140	<0.50	<0.50	<0.50	<0.50	37	--	--
9/15/2003	P	g	33.06	--	--	17.80	15.26	83	<0.50	<0.50	<0.50	<0.50	49	--	--
12/04/2003	NP	g	33.06	--	--	18.73	14.33	<50	<0.50	<0.50	<0.50	<0.50	19	4.3	7.0
03/10/2004	NP	g	34.30	--	--	16.78	17.52	<100	<1.0	<1.0	<1.0	<1.0	38	4.9	7.2
06/10/2004	NP	g, p	34.30	--	--	16.67	17.63	74	<0.50	<0.50	<0.50	<0.50	46	2.0	6.7
09/22/2004	NP		34.30	--	--	18.46	15.84	<50	<0.50	<0.50	<0.50	<0.50	17	--	7.0
12/13/2004	NP		34.30	--	--	17.56	16.74	<50	<0.50	<0.50	<0.50	<0.50	15	7.13	6.9
03/10/2005	NP		34.30	--	--	14.60	19.70	<100	<0.50	<0.50	<0.50	<4.0	22	6.6	8.0
06/29/2005	NP		34.30	--	--	15.13	19.17	<50	<0.50	0.91	<0.50	<0.50	14	6.73	7.3
09/14/2005	NP		34.30	--	--	16.90	17.40	<50	<0.50	<0.50	<0.50	<0.50	13	5.4	6.7

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
E-1A Cont.															
12/13/2005	NP		34.30	--	--	18.84	15.46	<50	<0.50	<0.50	<0.50	<0.50	12	8.3	7.1
03/20/2006		h	34.30	--	--	13.55	20.75	--	--	--	--	--	--	--	--
6/22/2006	NP		34.30	--	--	13.82	20.48	<50	<0.50	<0.50	<0.50	<0.50	13	5.2	7.5
9/22/2006	P		34.30	--	--	14.22	20.08	<50	<0.50	<0.50	<0.50	<0.50	12	2.65	7.7
12/7/2006	--	j	34.30	--	--	--	--	--	--	--	--	--	--	--	--
MW-1															
3/15/1996	--		175.04	--	--	14.24	160.80	--	--	--	--	--	--	--	--
MW-5															
3/13/2002	--		33.99	--	--	11.46	22.53	530	<2.5	<2.5	<2.5	<2.5	230	--	--
6/28/2002	--	b	33.99	--	--	11.75	22.24	180	<1.0	2.6	<1.0	1.2	230	--	--
9/20/2002	--		33.99	--	--	12.15	21.84	<50	<0.50	<0.50	<0.50	<1.50	333	--	--
12/30/2002	--		33.99	--	--	9.73	24.26	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
3/27/2003	--		33.99	--	--	11.24	22.75	100	<0.50	<0.50	<0.50	<0.50	59	--	--
6/30/2003	--		33.99	--	--	11.62	22.37	91	<0.50	<0.50	<0.50	<0.50	58	--	--
9/15/2003	--		33.99	--	--	12.13	21.86	<250	<2.5	<2.5	<2.5	<2.5	61	--	--
12/04/2003	P		33.99	--	--	11.85	22.14	81	<0.50	<0.50	<0.50	<0.50	42	1.7	7.0
03/10/2004	P		35.97	--	--	10.34	25.63	<50	<0.50	<0.50	<0.50	<0.50	9.5	1.2	6.6
06/10/2004	P		35.97	--	--	11.65	24.32	55	<0.50	<0.50	<0.50	<0.50	31	1.3	7.0
09/22/2004	P		35.97	--	--	12.23	23.74	<50	<0.50	<0.50	<0.50	<0.50	15	0.8	6.8
12/13/2004	P		35.97	--	--	11.16	24.81	<50	<0.50	<0.50	<0.50	<0.50	5.4	3.76	6.8
03/10/2005	P		35.97	--	--	9.90	26.07	<100	<0.50	<0.50	<0.50	<4.0	3.3	2.6	7.7
06/29/2005	P		35.97	--	--	11.35	24.62	<50	<0.50	<0.50	<0.50	<0.50	6.7	0.93	6.6
09/14/2005	P		35.97	--	--	11.80	24.17	<50	<0.50	0.91	<0.50	0.68	13	0.8	6.9
12/13/2005	--		35.97	--	--	11.60	24.57	--	--	--	--	--	--	--	--
03/20/2006	P		35.97	--	--	10.04	25.93	<50	<0.50	<0.50	<0.50	<0.50	3.8	0.8	7.1
6/22/2006	--		35.97	--	--	11.33	24.64	--	--	--	--	--	--	--	--
9/22/2006	P		35.97	--	--	11.57	24.40	<50	<0.50	<0.50	<0.50	<0.50	12	1.12	7.1
12/7/2006	--		35.97	--	--	11.71	24.26	--	--	--	--	--	--	--	--
MW-8															

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
MW-8 Cont.															
3/13/2002	--		32.79	--	--	10.30	22.49	500	<2.5	<2.5	<2.5	<2.5	1100	--	--
6/28/2002	--	b	32.79	--	--	10.30	22.49	150	<0.50	2.9	0.54	1.5	130	--	--
9/20/2002	--		32.79	--	--	10.84	21.95	<50	<0.50	<0.50	<0.50	<1.50	273	--	--
12/30/2002	--		32.79	--	--	8.31	24.48	<50	<0.50	<0.50	<0.50	<0.50	5.5	--	--
3/27/2003	--		32.79	--	--	9.85	22.94	63	<0.50	<0.50	<0.50	<0.50	33	--	--
6/30/2003	--		32.79	--	--	10.20	22.59	<50	<0.50	<0.50	<0.50	<0.50	15	--	--
9/15/2003	--		32.79	--	--	10.69	22.10	59	<0.50	<0.50	<0.50	<0.50	41	--	--
12/04/2003	P		32.79	--	--	10.43	22.36	<50	<0.50	<0.50	<0.50	<0.50	24	1.0	7.0
03/10/2004	P		34.47	--	--	9.04	25.43	<50	<0.50	<0.50	<0.50	<0.50	2.4	0.9	6.8
06/10/2004	P		34.47	--	--	10.40	24.07	<50	<0.50	<0.50	<0.50	<0.50	2.1	0.6	7.0
09/22/2004	P		34.47	--	--	10.74	23.73	84	<0.50	<0.50	<0.50	<0.50	18	0.9	6.9
12/13/2004	P		34.47	--	--	9.73	24.74	<50	<0.50	<0.50	<0.50	<0.50	7.1	0.95	6.8
03/10/2005	P		34.47	--	--	8.17	26.30	<100	<0.50	<0.50	<0.50	<1.0	1.4	2.0	7.4
06/29/2005	P		34.47	--	--	9.93	24.54	<50	<0.50	<0.50	<0.50	<0.50	1.7	1.72	7.0
09/14/2005	P		34.47	--	--	10.35	24.12	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.0
12/13/2005	--		34.47	--	--	10.18	24.29	--	--	--	--	--	--	--	--
03/20/2006	P		34.47	--	--	8.65	25.82	<50	<0.50	<0.50	<0.50	<0.50	0.60	1.8	7.1
6/22/2006	--		34.47	--	--	9.91	24.56	--	--	--	--	--	--	--	--
9/22/2006	P		34.47	--	--	10.25	24.22	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.10	7.0
12/7/2006	--		34.47	--	--	10.21	24.26	--	--	--	--	--	--	--	--
MW-9															
3/13/2002	--		32.11	--	--	9.49	22.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--		32.11	--	--	9.78	22.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
9/20/2002	--		32.11	--	--	10.29	21.82	<50	<0.50	<0.50	<0.50	<1.50	<0.500	--	--
12/30/2002	--		32.11	--	--	7.60	24.51	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
3/27/2003	--		32.11	--	--	9.14	22.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	u	32.11	--	--	9.64	22.47	--	--	--	--	--	--	--	--
9/15/2003	--		32.11	--	--	10.12	21.99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
12/04/2003	--	u	32.11	--	--	--	--	--	--	--	--	--	--	--	--
03/10/2004	P		34.00	--	--	8.46	25.54	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	7.3

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
MW-9 Cont.															
06/10/2004	--	u	34.00	--	--	9.88	24.12	--	--	--	--	--	--	--	--
09/22/2004	P		34.00	--	--	10.05	23.95	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	7.0
12/13/2004	--	u	34.00	--	--	9.17	24.83	--	--	--	--	--	--	--	--
03/10/2005	P		34.00	--	--	8.17	25.83	<100	<0.50	<0.50	<0.50	<4.0	<0.50	2.2	7.7
06/29/2005	--		34.00	--	--	9.28	24.72	--	--	--	--	--	--	--	--
09/14/2005	P		34.00	--	--	9.70	24.30	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.8
12/13/2005	--		34.00	--	--	9.64	24.36	--	--	--	--	--	--	--	--
03/20/2006	--		34.00	--	--	8.23	25.77	--	--	--	--	--	--	--	--
6/22/2006	--		34.00	--	--	9.37	24.63	--	--	--	--	--	--	--	--
9/22/2006	P		34.00	--	--	9.74	24.26	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.38	7.2
12/7/2006	--		34.00	--	--	9.67	24.33	--	--	--	--	--	--	--	--
MW-10															
3/13/2002	--		31.67	--	--	9.68	21.99	680	<5.0	<5.0	<5.0	<5.0	570	--	--
6/28/2002	--	b	31.67	--	--	9.84	21.83	820	<2.0	<2.0	<2.0	<2.0	1200	--	--
9/20/2002	--		31.67	--	--	10.37	21.30	194	<0.50	<0.50	<0.50	<1.50	575	--	--
12/30/2002	--		31.67	--	--	7.70	23.97	<50	<0.50	<0.50	<0.50	<0.50	490	--	--
3/27/2003	--		31.67	--	--	9.33	22.34	530	<5.0	<5.0	<5.0	<5.0	330	--	--
6/30/2003	--		31.67	--	--	9.75	21.92	<1,000	<10	<10	<10	<10	750	--	--
9/15/2003	P		31.67	--	--	10.17	21.50	<500	<5.0	<5.0	<5.0	<5.0	430	--	--
12/04/2003	P		31.67	--	--	9.85	21.72	<250	<2.5	<2.5	<2.5	<2.5	110	--	6.9
03/10/2004	P		33.50	--	--	8.57	24.93	420	<2.5	<2.5	<2.5	<2.5	140	1.2	6.5
06/10/2004	--		33.50	--	--	9.95	23.55	600	<5.0	<5.0	<5.0	<5.0	410	--	6.9
09/22/2004	P		33.50	--	--	10.23	23.27	560	<0.50	<0.50	<0.50	<0.50	87	0.8	6.9
12/13/2004	P		33.50	--	--	9.28	24.22	290	<1.0	<1.0	<1.0	<1.0	110	1.6	6.5
03/10/2005	P		33.50	--	--	7.97	25.53	280	<0.50	<0.50	<0.50	<4.0	86	3.2	7.3
06/29/2005	P		33.50	--	--	9.45	24.05	<250	<2.5	<2.5	<2.5	<2.5	160	1.13	6.8
09/14/2005	P		33.50	--	--	9.92	23.58	340	<2.5	<2.5	<2.5	<2.5	140	0.7	6.9
12/13/2005	P		33.50	--	--	9.73	23.77	270	<0.50	<0.50	<0.50	<0.50	47	1.8	6.5
03/20/2006	P		33.50	--	--	8.17	25.33	270	<0.50	<0.50	<0.50	<0.50	34	1.1	6.9
6/22/2006	P		33.50	--	--	9.42	24.08	250	<0.50	<0.50	<0.50	<0.50	21	1.74	7.0

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
MW-10 Cont.															
9/22/2006	P		33.50	--	--	9.88	23.62	270	<0.50	<0.50	<0.50	<0.50	11	1.39	7.0
12/7/2006	P		33.50	--	--	9.78	23.72	360	<0.50	<0.50	<0.50	<0.50	10	0.89	7.10
MW-11															
3/13/2002	--		32.54	--	--	10.38	22.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--		32.54	--	--	10.74	21.80	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
9/20/2002	--		32.54	--	--	11.27	21.27	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
12/30/2002	--		32.54	--	--	8.73	23.81	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
3/27/2003	--		32.54	--	--	10.25	22.29	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--		32.54	--	--	10.65	21.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
9/15/2003	--		32.54	--	--	11.03	21.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
12/04/2003	P		32.54	--	--	10.84	21.70	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	7.0
03/10/2004	P		34.55	--	--	9.41	25.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	6.9
06/10/2004	--		34.55	--	--	10.82	23.73	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	6.9
09/22/2004	P		34.55	--	--	11.10	23.45	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.9
12/13/2004	P		34.55	--	--	10.19	24.36	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.83	6.6
03/10/2005	P		34.55	--	--	8.87	25.68	<100	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	7.7
06/29/2005	P		34.55	--	--	10.37	24.18	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.83	6.3
09/14/2005	P		34.55	--	--	10.78	23.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	6.9
12/13/2005	--		34.55	--	--	10.62	23.93	--	--	--	--	--	--	--	--
03/20/2006	--		34.55	--	--	9.04	25.51	--	--	--	--	--	--	--	--
6/22/2006	--		34.55	--	--	10.33	24.22	--	--	--	--	--	--	--	--
9/22/2006	P		34.55	--	--	10.75	23.80	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.53	7.2
12/7/2006	--		34.55	--	--	10.68	23.87	--	--	--	--	--	--	--	--
MW-14															
3/13/2002	--		30.46	--	--	8.56	21.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--	q	30.46	--	--	9.12	21.34	--	--	--	--	--	--	--	--
9/20/2002	--	q	30.46	--	--	9.79	20.67	--	--	--	--	--	--	--	--
12/30/2002	--	q	30.46	--	--	7.13	23.33	--	--	--	--	--	--	--	--
3/27/2003	--		30.46	--	--	8.53	21.93	<50	<0.50	0.86	<0.50	<0.50	<0.50	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
MW-14 Cont.															
6/30/2003	--	q	30.46	--	--	9.05	21.41	--	--	--	--	--	--	--	--
9/15/2003	--	q	30.46	--	--	9.47	20.99	--	--	--	--	--	--	--	--
12/04/2003	--	q	30.46	--	--	9.20	21.26	--	--	--	--	--	--	--	--
03/10/2004	--	q	32.61	--	--	7.90	24.71	--	--	--	--	--	--	--	--
06/10/2004	--	q	32.61	--	--	9.25	23.36	--	--	--	--	--	--	--	--
09/22/2004	P		32.61	--	--	9.55	23.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	--
12/13/2004	--		32.61	--	--	8.46	24.15	--	--	--	--	--	--	--	--
03/10/2005	--		32.61	--	--	7.32	25.29	--	--	--	--	--	--	--	--
06/29/2005	--		32.61	--	--	8.77	23.84	--	--	--	--	--	--	--	--
09/14/2005	P		32.61	--	--	9.20	23.41	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	6.9
12/13/2005	--		32.61	--	--	8.96	23.65	--	--	--	--	--	--	--	--
03/20/2006	--		32.61	--	--	7.51	25.10	--	--	--	--	--	--	--	--
6/22/2006	--		32.61	--	--	8.75	23.86	--	--	--	--	--	--	--	--
9/22/2006	P		32.61	--	--	9.19	23.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.70	7.2
12/7/2006	--		32.61	--	--	9.05	23.56	--	--	--	--	--	--	--	--
MW-15															
3/13/2002	--		31.41	--	--	10.03	21.38	<50	<0.50	<0.50	<0.50	<0.50	21	--	--
6/28/2002	--		31.41	--	--	10.41	21.00	<50	<0.50	<0.50	<0.50	<0.50	8.7	--	--
9/20/2002	--		31.41	--	--	11.00	20.41	<50	<0.50	<0.50	<0.50	<1.50	21.6	--	--
12/30/2002	--		31.41	--	--	8.33	23.08	<50	<0.50	<0.50	<0.50	<0.50	67	--	--
3/27/2003	--		31.41	--	--	9.83	21.58	<50	<0.50	<0.50	<0.50	<0.50	17	--	--
6/30/2003	--		31.41	--	--	10.00	21.41	<50	<0.50	<0.50	<0.50	<0.50	12	--	--
9/15/2003	--		31.41	--	--	10.67	20.74	<50	<0.50	<0.50	<0.50	<0.50	10	--	--
12/04/2003	P		31.41	--	--	10.47	20.94	<50	<0.50	<0.50	<0.50	<0.50	6.4	2.6	7.0
03/10/2004	P		33.49	--	--	9.09	24.40	<50	<0.50	<0.50	<0.50	<0.50	11	1.5	6.9
06/10/2004	P		33.49	--	--	10.50	22.99	<50	<0.50	<0.50	<0.50	<0.50	5.7	0.5	6.9
09/22/2004	--	r	33.49	--	--	--	--	--	--	--	--	--	--	--	--
12/13/2004	--	r	33.49	--	--	--	--	--	--	--	--	--	--	--	--
03/10/2005	P		33.49	--	--	8.50	24.99	<100	<0.50	<0.50	<0.50	<4.0	5.4	2.7	7.7
06/29/2005	--	r	33.49	--	--	--	--	--	--	--	--	--	--	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses

Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
MW-15 Cont.															
09/14/2005			33.49												
12/13/2005	--		33.49	--	--	10.16	23.33	--	--	--	--	--	--	--	--
03/20/2006	P		33.49	--	--	8.72	24.77	<50	<0.50	<0.50	<0.50	<0.50	15	3.1	7.3
6/22/2006	--		33.49	--	--	10.00	23.49	--	--	--	--	--	--	--	--
9/22/2006		J													
12/7/2006	--		33.49	--	--	10.32	23.17	--	--	--	--	--	--	--	--
MW-16															
3/13/2002	--		31.39	--	--	10.51	20.88	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--		31.39	--	--	10.96	20.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
9/20/2002			31.39	--	--	10.47	20.92	<50	<0.50	<0.50	<0.50	<1.50	1.67	--	--
12/30/2002	--		31.39	--	--	--	--	--	--	--	--	--	--	--	--
3/27/2003	--		31.39	--	--	10.28	21.11	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	i, q	31.39	--	--	10.87	20.52	--	--	--	--	--	--	--	--
9/15/2003	--		31.39	--	--	11.25	20.14	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
12/04/2003	--	u	31.39	--	--	10.99	20.40	--	--	--	--	--	--	--	--
03/10/2004	P		33.41	--	--	9.66	23.75	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	6.5
06/10/2004	--		33.41	--	--	11.06	22.35	--	--	--	--	--	--	--	--
09/22/2004	P		33.41	--	--	11.40	22.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	7.0
12/13/2004	--		33.41	--	--	10.27	23.14	--	--	--	--	--	--	--	--
03/10/2005	P		33.41	--	--	9.03	24.38	<100	<0.50	<0.50	<0.50	<4.0	<0.50	3.9	7.0
06/29/2005	--		33.41	--	--	10.60	22.81	--	--	--	--	--	--	--	--
09/14/2005	P		33.41	--	--	11.02	22.39	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.0
12/13/2005	--		33.41	--	--	10.79	22.62	--	--	--	--	--	--	--	--
03/20/2006			33.41	--	--	9.25	24.16	--	--	--	--	--	--	--	--
6/22/2006	--	r	33.41	--	--	--	--	--	--	--	--	--	--	--	--
9/22/2006	P		33.41	--	--	10.95	22.46	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.69	7.3
12/7/2006	--	r	33.41	--	--	--	--	--	--	--	--	--	--	--	--
MW-18															
3/13/2002	--		29.70			9.46	20.24	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-18 Cont.															
6/28/2002	--	q	29.70	--	--	10.05	19.65	--	--	--	--	--	--	--	--
9/20/2002	--	q	29.70	--	--	10.67	19.03	--	--	--	--	--	--	--	--
12/30/2002	--	q	29.70	--	--	7.98	21.72	--	--	--	--	--	--	--	--
3/27/2003	--		29.70	--	--	9.18	20.52	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	q	29.70	--	--	9.68	20.02	--	--	--	--	--	--	--	--
9/15/2003	--	q	29.70	--	--	10.30	19.40	--	--	--	--	--	--	--	--
12/04/2003	--	q	29.70	--	--	9.99	19.71	--	--	--	--	--	--	--	--
03/10/2004	--	q	31.87	--	--	8.78	23.09	--	--	--	--	--	--	--	--
06/10/2004	--	q	31.87	--	--	10.12	21.75	--	--	--	--	--	--	--	--
09/22/2004	P		31.87	--	--	10.45	21.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	6.9
12/13/2004	--		31.87	--	--	9.25	22.62	--	--	--	--	--	--	--	--
03/10/2005	--		31.87	--	--	8.35	23.52	--	--	--	--	--	--	--	--
06/29/2005	--		31.87	--	--	9.65	22.72	--	--	--	--	--	--	--	--
09/14/2005	P		31.87	--	--	10.10	21.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	6.9
12/15/2005	--		31.87	--	--	9.90	21.97	--	--	--	--	--	--	--	--
03/20/2006	--		31.87	--	--	8.54	23.33	--	--	--	--	--	--	--	--
6/22/2006	--		31.87	--	--	9.68	22.19	--	--	--	--	--	--	--	--
9/22/2006	P		31.87	--	--	9.96	21.91	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.23	7.2
12/7/2006	--		31.87	--	--			--	--	--	--	--	--	--	--
MW-21															
3/13/2002	--		28.72	--	--	9.40	19.32	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/28/2002	--	q	28.72	--	--	9.80	18.92	--	--	--	--	--	--	--	--
9/20/2002	--	q	28.72	--	--	10.27	18.45	--	--	--	--	--	--	--	--
12/30/2002	--	q	28.72	--	--	7.70	21.02	--	--	--	--	--	--	--	--
3/27/2003	--		28.72	--	--	9.05	19.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	q	28.72	--	--	9.48	19.24	--	--	--	--	--	--	--	--
9/15/2003	--	q	28.72	--	--	10.06	18.66	--	--	--	--	--	--	--	--
12/04/2003	--	q	28.72	--	--	9.69	19.03	--	--	--	--	--	--	--	--
03/10/2004	--	q	30.67	--	--	8.60	22.07	--	--	--	--	--	--	--	--
06/10/2004	--	q	30.67	--	--	9.85	20.82	--	--	--	--	--	--	--	--

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-21 Cont.															
09/22/2004	P		30.67	--	--	10.17	20.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	6.9
12/13/2004	--		30.67	--	--	8.92	21.75	--	--	--	--	--	--	--	--
03/10/2005	--		30.67	--	--	8.10	22.57	--	--	--	--	--	--	--	--
06/29/2005	--		30.67	--	--	9.48	21.19	--	--	--	--	--	--	--	--
09/14/2005	P		30.67	--	--	9.88	20.79	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	6.9
12/13/2005	--		30.67	--	--	9.57	21.10	--	--	--	--	--	--	--	--
03/20/2006	--		30.67	--	--	8.26	22.41	--	--	--	--	--	--	--	--
6/22/2006	--		30.67	--	--	9.47	21.20	--	--	--	--	--	--	--	--
9/22/2006	P		30.67	--	--	9.83	20.84	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.88	5.9
12/7/2006	--		30.67	--	--	9.76	20.91	--	--	--	--	--	--	--	--
MW-22															
3/13/2002	--		29.29	--	--	9.86	19.43	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--		29.29	--	--	10.65	18.64	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
9/20/2002	--		29.29	--	--	11.05	18.24	<50	<0.50	<0.50	<0.50	<1.50	<0.500	--	--
12/30/2002	--		29.29	--	--	8.28	21.01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
3/27/2003	--		29.29	--	--	9.85	19.44	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	i, q	29.29	--	--	10.20	19.09	--	--	--	--	--	--	--	--
9/15/2003	--		29.29	--	--	10.81	18.48	<500	<5.0	<5.0	<5.0	<5.0	<5.0	--	--
12/04/2003	--		29.29	--	--	10.49	18.80	--	--	--	--	--	--	--	--
03/10/2004	P		31.43	--	--	9.24	22.19	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	6.6
06/10/2004	--		31.43	--	--	10.60	20.83	--	--	--	--	--	--	--	--
09/22/2004	P		31.43	--	--	10.94	20.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.0
12/13/2004	--		31.43	--	--	9.73	21.70	--	--	--	--	--	--	--	--
03/10/2005	P		31.43	--	--	8.65	22.78	<100	<0.50	<0.50	<0.50	<4.0	<0.50	3.3	7.4
06/29/2005	--		31.43	--	--	10.25	21.18	--	--	--	--	--	--	--	--
09/14/2005	P		31.43	--	--	10.65	20.78	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	7.0
12/13/2005	--		31.43	--	--	10.39	21.04	--	--	--	--	--	--	--	--
03/20/2006	--		31.43	--	--	8.89	22.54	--	--	--	--	--	--	--	--
6/22/2006	--		31.43	--	--	10.21	21.22	--	--	--	--	--	--	--	--
9/22/2006	P		31.43	--	--	10.62	20.81	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.13	7.2

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
MW-22 Cont.																
12/7/2006	--		31.43	--	--	10.44	20.99	--	--	--	--	--	--	--	--	
MW-23																
3/13/2002	--		30.99	--	--	11.01	19.98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--	q	30.99	--	--	11.59	19.40	--	--	--	--	--	--	--	--	--
9/20/2002	--	q	30.99	--	--	12.00	18.99	--	--	--	--	--	--	--	--	--
12/30/2002	--	q	30.99	--	--	9.42	21.57	--	--	--	--	--	--	--	--	--
3/27/2003	--		30.99	--	--	11.00	19.99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	q	30.99	--	--	11.47	19.52	--	--	--	--	--	--	--	--	--
9/15/2003	--	q	30.99	--	--	11.84	19.15	--	--	--	--	--	--	--	--	--
12/04/2003	--	q	30.99	--	--	11.61	19.88	--	--	--	--	--	--	--	--	--
03/10/2004	--	q	33.16	--	--	10.24	22.92	--	--	--	--	--	--	--	--	--
06/10/2004	--	q	33.16	--	--	11.60	21.56	--	--	--	--	--	--	--	--	--
09/22/2004	P		33.16	--	--	11.95	21.21	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.9
12/13/2004	--		33.16	--	--	10.88	22.28	--	--	--	--	--	--	--	--	--
03/10/2005	--		33.16	--	--	9.63	23.53	--	--	--	--	--	--	--	--	--
06/29/2005	--		33.16	--	--	11.28	21.88	--	--	--	--	--	--	--	--	--
09/14/2005	P		33.16	--	--	11.70	21.46	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	6.9
12/13/2005	--		33.16	--	--	11.44	21.72	--	--	--	--	--	--	--	--	--
03/20/2006	--		33.16	--	--	9.81	23.35	--	--	--	--	--	--	--	--	--
6/22/2006	--		33.16	--	--	11.25	21.91	--	--	--	--	--	--	--	--	--
9/22/2006	P		33.16	--	--	11.52	21.64	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.71	7.3
12/7/2006	--		33.16	--	--	11.50	21.66	--	--	--	--	--	--	--	--	--
MW-25																
3/13/2002	--		33.81	--	--	10.99	22.82	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--		33.81	--	--	11.26	22.55	<50	<0.50	<0.50	<0.50	<0.50	<0.50	36	--	--
9/20/2002	--		33.81	--	--	11.65	22.16	117	<0.50	<0.50	<0.50	<1.50	259	--	--	
12/30/2002	--	d.f.	33.81	--	--	9.83	24.48	95	13	<0.50	<0.50	<0.50	98	--	--	
3/27/2003	--		33.81	--	--	10.82	22.99	150	<0.50	<0.50	<0.50	<0.50	90	--	--	
6/30/2003	--		33.81	--	--	11.20	22.61	<500	<5.0	<5.0	<5.0	<5.0	130	--	--	

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)					DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
MW-25 Cont.															
9/15/2003	--		33.81	--	--	11.62	22.19	220	<1.0	<1.0	<1.0	<1.0	140	--	--
12/04/2003	P		33.81	--	--	11.41	22.40	81	<0.50	<0.50	<0.50	<0.50	36	1.2	7.0
03/10/2004	P		36.33	--	--	10.04	26.29	<50	<0.50	<0.50	<0.50	<0.50	14	1.2	6.7
06/10/2004	P		36.33	--	--	11.40	24.93	<50	<0.50	<0.50	<0.50	<0.50	17	0.8	7.1
09/22/2004	P		36.33	--	--	11.74	24.59	<50	<0.50	<0.50	<0.50	<0.50	29	1.1	7.0
12/13/2004	P		36.33	--	--	10.72	25.61	<50	<0.50	<0.50	<0.50	<0.50	44	1.22	6.9
03/10/2005	P		36.33	--	--	9.45	26.88	<100	<0.50	<0.50	<0.50	<1.0	7.4	2.0	7.7
06/29/2005	P		36.33	--	--	10.91	25.42	<50	<0.50	<0.50	<0.50	<0.50	20	0.97	6.9
09/14/2005	P		36.33	--	--	11.35	24.98	<50	<0.50	<0.50	<0.50	<0.50	8.0	1.2	6.9
12/13/2005	P		36.33	--	--	11.14	25.19	<50	<0.50	<0.50	<0.50	<0.50	13	0.8	6.8
03/20/2006	P		36.33	--	--	9.71	26.62	<50	<0.50	<0.50	<0.50	<0.50	5.4	1.0	6.9
6/22/2006	P		36.33	--	--	10.89	25.44	<50	<0.50	<0.50	<0.50	<0.50	3.5	1.62	7.0
9/22/2006	P		36.33	--	--	10.33	25.00	<50	<0.50	<0.50	<0.50	<0.50	18	1.22	7.1
12/7/2006	P		36.33	--	--	11.22	25.11	<50	<0.50	<0.50	<0.50	<0.50	14	0.71	7.20
MW-26															
3/13/2002	--		33.71	--	--	11.27	22.44	<50	<0.50	<0.50	<0.50	<0.50	<0.5	--	--
6/28/2002	--	q	33.71	--	--	11.70	22.01	--	--	--	--	--	--	--	--
9/20/2002	--	q	33.71	--	--	12.10	21.61	--	--	--	--	--	--	--	--
12/30/2002	--	q	33.71	--	--	9.60	24.11	--	--	--	--	--	--	--	--
3/27/2003	--		33.71	--	--	11.15	22.56	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	q	33.71	--	--	11.61	22.10	--	--	--	--	--	--	--	--
9/15/2003	--	q	33.71	--	--	12.01	21.70	--	--	--	--	--	--	--	--
12/04/2003	--	q	33.71	--	--	11.78	21.93	--	--	--	--	--	--	--	--
03/10/2004	--	q	35.70	--	--	10.45	25.25	--	--	--	--	--	--	--	--
06/10/2004	--	q	35.70	--	--	11.82	23.88	--	--	--	--	--	--	--	--
09/22/2004	P		35.70	--	--	12.05	23.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	7.0
12/13/2004	--		35.70	--	--	11.08	24.62	--	--	--	--	--	--	--	--
03/10/2005	--		35.70	--	--	9.80	25.90	--	--	--	--	--	--	--	--
06/29/2005	--		35.70	--	--	11.30	24.40	--	--	--	--	--	--	--	--
09/14/2005	P		35.70	--	--	11.55	24.15	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	6.8

Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	P/NP	Comments	TOC (feet msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet msl)	Concentrations in (µg/L)						DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-26 Cont.															
12/13/2005	--		35.70	--	--	11.54	24.16	--	--	--	--	--	--	--	--
03/20/2006	--		35.70	--	--	10.06	25.64	--	--	--	--	--	--	--	--
6/22/2006	--		35.70	--	--	11.29	24.41	--	--	--	--	--	--	--	--
9/22/2006	P		35.70	--	--	11.63	24.07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.10	7.2
12/7/2006	--		35.70	--	--	11.11	24.59	--	--	--	--	--	--	--	--

SYMBOLS & ABBREVIATIONS:

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

NOTES:

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

NOTES:

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

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

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

**Table 2. Summary of Fuel Additives Analytical Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
17372 VM									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/04/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
03/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
06/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/13/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2005	<100	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
642 H									
3/13/2002	<100	<20	—	<0.50	<0.50	<0.50	—	—	
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
6/30/2003	—	—	—	—	—	—	—	—	b
9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/04/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	—	—	
E-1A									
3/27/2003	<100	<20	60	<0.50	<0.50	2.3	—	—	
6/30/2003	<100	<20	37	<0.50	<0.50	1.6	<0.50	<0.50	
9/15/2003	<100	<20	49	<0.50	<0.50	2.4	<0.50	<0.50	
12/04/2003	<100	<20	19	<0.50	<0.50	0.89	—	—	
03/10/2004	<200	<40	38	<1.0	<1.0	2.3	<1.0	<1.0	
06/10/2004	<100	<20	46	<0.50	<0.50	2.2	<0.50	<0.50	
09/22/2004	<100	<20	17	<0.50	<0.50	0.98	<0.50	<0.50	
12/13/2004	<100	<20	15	<0.50	<0.50	0.75	<0.50	<0.50	
03/10/2005	<100	<10	22	<0.50	<0.50	0.95	<0.50	<0.50	
06/29/2005	<100	<20	14	<0.50	<0.50	0.74	<0.50	<0.50	
09/14/2005	<100	<20	13	<0.50	<0.50	<0.50	<0.50	<0.50	c
12/13/2005	<100	<20	12	<0.50	<0.50	0.61	<0.50	<0.50	
6/22/2006	<300	<20	13	<0.50	<0.50	<0.50	<0.50	<0.50	
9/22/2006	<300	<20	12	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5									

**Table 2. Summary of Fuel Additives Analytical Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-5 Cont.									
3/27/2003	<100	24	59	<0.50	<0.50	2.2	--	--	
6/30/2003	<100	22	58	<0.50	<0.50	2.1	<0.50	<0.50	
9/15/2003	<500	<100	61	<2.5	<2.5	2.5	--	--	
12/04/2003	<100	<20	42	<0.50	<0.50	1.9	--	--	
03/10/2004	<100	<20	9.5	<0.50	<0.50	<0.50	<0.50	<0.50	
06/10/2004	<100	<20	31	<0.50	<0.50	1.0	<0.50	<0.50	
09/22/2004	<100	<20	15	<0.50	<0.50	<0.50	<0.50	<0.50	
12/13/2004	<100	<20	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2005	<100	<10	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	b
06/29/2005	<100	<20	6.7	<0.50	<0.50	<0.50	<0.50	<0.50	
09/14/2005	<100	<20	13	<0.50	<0.50	<0.50	<0.50	<0.50	c
03/20/2006	<300	<20	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	
9/22/2006	<300	<20	12	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-8									
3/27/2003	<100	<20	33	<0.50	<0.50	0.53	--	--	
6/30/2003	<100	<20	15	<0.50	<0.50	0.85	<0.50	<0.50	
9/15/2003	<100	<20	41	<0.50	<0.50	5.3	--	--	
12/04/2003	<100	<20	24	<0.50	<0.50	3.7	--	--	
03/10/2004	<100	<20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
06/10/2004	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
09/22/2004	<100	<20	18	<0.50	<0.50	1.5	<0.50	<0.50	
12/13/2004	<100	<20	7.1	<0.50	<0.50	0.78	<0.50	<0.50	
03/10/2005	<100	<10	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	b
06/29/2005	<100	<20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	
09/14/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	c
03/20/2006	<300	<20	0.60	<0.50	<0.50	<0.50	<0.50	<0.50	
9/22/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-9									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-9 Cont.									
03/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2005	<100	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
09/14/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	c
9/22/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-10									
3/27/2003	<1,000	<200	330	<5.0	<5.0	15	-	-	
6/30/2003	<2,000	<400	750	<10	<10	28	<10	<10	
9/15/2003	<1,000	<200	430	<5.0	<5.0	15	<5.0	<5.0	
12/04/2003	<500	<100	110	<2.5	<2.5	4.8	-	-	
03/10/2004	<500	120	140	<2.5	<2.5	<2.5	<2.5	<2.5	
06/10/2004	<1,000	<200	410	<5.0	<5.0	11	<5.0	<5.0	
09/22/2004	<100	54	87	<0.50	<0.50	3.8	<0.50	<0.50	
12/13/2004	<200	220	110	<1.0	<1.0	4.5	<1.0	<1.0	
03/10/2005	<100	50	86	<0.50	<0.50	2.2	<0.50	<0.50	
06/29/2005	<500	110	160	<2.5	<2.5	4.6	<2.5	<2.5	
09/14/2005	<500	300	140	<2.5	<2.5	3.5	<2.5	<2.5	c
12/13/2005	<100	190	47	<0.50	<0.50	1.9	<0.50	<0.50	
03/20/2006	<300	72	34	<0.50	<0.50	0.85	<0.50	<0.50	
6/22/2006	<300	130	21	<0.50	<0.50	0.56	<0.50	<0.50	c
9/22/2006	<300	51	11	<0.50	<0.50	<0.50	<0.50	<0.50	
12/7/2006	<300	24	10	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-11									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	-	-	
6/30/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/04/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	-	-	
03/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
06/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

**Table 2. Summary of Fuel Additives Analytical Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-11 Cont.									
12/13/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2005	<100	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
06/29/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/14/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	c
9/22/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-14									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	-	-	
03/10/2004	-	-	-	-	-	-	-	-	Not Sampled
09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/14/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/22/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-15									
3/27/2003	<100	<20	17	<0.50	<0.50	<0.50	-	-	
6/30/2003	<100	<20	12	<0.50	<0.50	<0.50	<0.50	<0.50	
9/15/2003	<100	<20	10	<0.50	<0.50	<0.50	<0.50	<0.50	
12/04/2003	<100	<20	6.4	<0.50	<0.50	<0.50	-	-	
03/10/2004	<100	<20	11	<0.50	<0.50	<0.50	<0.50	<0.50	
06/10/2004	<100	<20	5.7	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2005	<100	<10	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	b
03/20/2006	<300	<20	15	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-16									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	-	-	
9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2005	<100	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
09/14/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/22/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-18									

Table 2. Summary of Fuel Additives Analytical Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-18 Cont.									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	Not Sampled
03/10/2004	--	--	--	--	--	--	--	--	
09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/14/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/22/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-21									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	Not Sampled
03/10/2004	--	--	--	--	--	--	--	--	
09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/14/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/22/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-22									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	b
9/15/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
03/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/14/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/22/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-23									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	Not Sampled
03/10/2004	--	--	--	--	--	--	--	--	
09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/14/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/22/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-25									
3/27/2003	<100	<20	90	<0.50	<0.50	40	--	--	
6/30/2003	<1,000	<200	130	<5.0	<5.0	81	<5.0	<5.0	
9/15/2003	<200	<40	140	<1.0	<1.0	71	<1.0	<1.0	

**Table 2. Summary of Fuel Additives Analytical Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-25 Cont.									
12/04/2003	<100	<20	36	<0.50	<0.50	17	-	-	
03/10/2004	<100	<20	14	<0.50	<0.50	6.5	<0.50	<0.50	
06/10/2004	<100	<20	17	<0.50	<0.50	7.2	<0.50	<0.50	
09/22/2004	<100	<20	29	<0.50	<0.50	18	<0.50	<0.50	
12/13/2004	<100	45	44	<0.50	<0.50	18	<0.50	<0.50	
03/10/2005	<100	<10	7.4	<0.50	<0.50	2.3	<0.50	<0.50	b
06/29/2005	<100	<20	20	<0.50	<0.50	12	<0.50	<0.50	
09/14/2005	<100	<20	8.0	<0.50	<0.50	4.1	<0.50	<0.50	
12/13/2005	<100	<20	13	<0.50	<0.50	5.5	<0.50	<0.50	
03/20/2006	<300	<20	5.4	<0.50	<0.50	2.4	<0.50	<0.50	
6/22/2006	<300	<20	3.5	<0.50	<0.50	1.7	<0.50	<0.50	c
9/22/2006	<300	<20	18	<0.50	<0.50	7.3	<0.50	<0.50	
12/7/2006	<300	<20	14	<0.50	<0.50	6.1	<0.50	<0.50	
MW-26									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	-	-	
03/10/2004	-	-	-	-	-	-	-	-	Not Sampled
09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/14/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/22/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

SYMBOLS & ABBREVIATIONS:

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

FOOTNOTES:

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

NOTES:

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

All volatile organic compounds analyzed using EPA Method 8260B.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 3. Historical Ground-Water Flow Direction and Gradient
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

Date Sampled	Approximate Flow Direction	Approximate Hydraulic Gradient
6/28/2002	West	0.003
9/20/2002	West	0.00196
12/30/2002	West	0.003
3/27/2003	West	0.002
6/30/2003	West-Southwest	0.001
9/15/2003	West	0.003
12/4/2003	West-Southwest	0.003
3/10/2004	West	0.003
6/10/2004	West	0.006
9/22/2004	West	0.006
12/13/2004	West-Southwest	0.003
3/10/2005	West-Southwest	0.003
6/29/2005	West-Southwest	0.003
9/14/2005	West-Southwest	0.003
12/13/2005	West	0.003
3/20/2006	West-Southwest	0.003
6/22/2006	West-Southwest	0.003
9/22/2006	West-Southwest	0.003
12/7/2006	West	0.004

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.

Table 4.
Ground-Water Sampling Schedule
Atlantic Richfield Company Station #608
17601 Hesperian Boulevard, San Lorenzo, California

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

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

**Table 5. Ground-Water Extraction Performance Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	GRO/TPH-g				Benzene			MTBE		
						Average Flow (gpm)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)
09/25/91		0	---	0	0	0.0	ND	---	0.00	---	0.000	0.00	---	---	---
09/26/91		---	---	1,144	1,144	---	38	0.00	0.00	4.8	0.000	0.00	---	---	---
10/22/91		26	95.9	12,844	11,700	7.6	ND	---	0.00	ND	0.000	0.00	---	---	---
11/22/91		77	93.1	52,532	39,688	13.0	ND	---	0.00	0.5	0.000	0.00	---	---	---
12/19/91		322	62.1	122,540	70,008	4.8	ND	---	0.00	ND	0.000	0.00	---	---	---
01/16/92		994	0.0	283,289	160,749	4.0	ND	---	0.00	ND	0.000	0.00	---	---	---
02/19/92		1,809	0.2	485,200	201,911	4.1	370	0.31	0.31	14.0	0.012	0.01	---	---	---
03/17/92		2,462	0.0	662,847	177,647	4.5	160	0.39	0.70	18.0	0.024	0.04	---	---	---
04/15/92		3,150	1.1	851,100	188,253	4.6	200	0.28	0.99	11.0	0.023	0.06	---	---	---
05/14/92		3,849	0.0	1,030,086	178,986	4.3	45	0.18	1.17	1.4	0.009	0.07	---	---	---
06/19/92		4,712	0.1	1,229,960	199,874	3.9	ND	---	1.17	ND	0.001	0.07	---	---	---
07/14/92		5,001	51.8	1,291,201	61,241	3.5	97	0.02	1.19	25.0	0.006	0.08	---	---	---
08/18/92		---	---	1,410,018	118,817	---	ND	---	1.19	ND	0.012	0.09	---	---	---
09/15/92		6,298	---	1,535,640	125,622	3.1	ND	---	1.19	ND	0.000	0.09	---	---	---
10/16/92		7,012	4.1	1,651,623	115,983	2.7	ND	---	1.19	ND	0.000	0.09	---	---	---
11/18/92		7,809	0.0	1,768,076	116,453	2.4	ND	---	1.19	ND	0.000	0.09	---	---	---
12/17/92		8,502	0.4	1,864,300	96,224	2.3	96	0.04	1.23	7.7	0.003	0.09	---	---	---
01/18/93		8,798	61.5	1,915,165	50,865	2.9	100	0.04	1.27	13.0	0.004	0.10	---	---	---
02/22/93		9,607	0.0	2,096,930	181,765	3.7	480	0.44	1.71	36.0	0.037	0.13	---	---	---
03/15/93		10,113	0.0	2,205,833	108,903	3.6	310	0.36	2.07	29.0	0.030	0.16	---	---	---
04/09/93		10,517	32.8	2,298,770	92,937	3.8	140	0.17	2.25	11.0	0.015	0.18	---	---	---
05/13/93		11,211	14.9	2,449,160	150,390	3.6	530	0.42	2.67	27.0	0.024	0.20	---	---	---
06/04/93		11,734	1.0	2,543,500	94,340	3.0	170	0.28	2.94	5.2	0.013	0.21	---	---	---
07/20/93		12,573	24.0	2,689,697	146,197	2.9	200	0.23	3.17	12.0	0.010	0.22	---	---	---
08/16/93		13,219	0.3	2,791,366	101,669	2.6	150	0.15	3.32	4.9	0.007	0.23	---	---	---
09/13/93		13,888	0.4	2,884,736	93,370	2.3	80	0.09	3.41	2.2	0.003	0.23	---	---	---
10/08/93		14,485	0.5	2,951,737	67,001	1.9	ND	0.02	3.43	ND	0.001	0.24	---	---	---
11/19/93		15,494	0.0	3,036,032	84,295	1.4	ND	0.00	3.43	ND	0.000	0.24	---	---	---
12/21/93		16,260	0.3	3,113,565	77,533	1.7	73	0.02	3.45	3.5	0.001	0.24	---	---	---
01/18/94		16,939	0.0	3,190,900	77,335	1.9	60	0.04	3.49	3.1	0.002	0.24	---	---	---
02/17/94		17,658	0.0	3,273,720	82,820	1.9	ND	0.02	3.51	2.5	0.002	0.24	---	---	---
03/15/94		18,235	7.5	3,344,249	70,529	2.0	ND	0.00	3.51	ND	0.001	0.24	---	---	---
04/21/94		18,849	30.8	3,418,537	74,288	2.0	110	0.03	3.55	7.8	0.002	0.24	---	---	---
05/13/94		19,351	5.1	3,478,910	60,373	2.0	230	0.09	3.63	8.3	0.004	0.25	---	---	---
06/14/94	a	19,680	57.1	3,518,608	39,698	2.0	230	0.08	3.71	12.0	0.003	0.25	---	---	---
07/14/94	b	20,145	35.4	3,574,408	55,800	2.0	270	0.12	3.83	6.9	0.004	0.26	---	---	---
08/17/94	c	20,920	5.0	51,260	91,580	2.0	ND	0.10	3.93	1.8	0.003	0.26	---	---	---
09/12/94		21,549	0.0	120,910	69,650	1.8	ND	0.00	3.93	ND	0.001	0.26	---	---	---
10/18/94		22,408	0.5	211,880	90,970	1.8	ND	0.00	3.93	ND	0.000	0.26	---	---	---

**Table 5. Ground-Water Extraction Performance Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	GRO/TPH-g				Benzene			MTBE		
						Average Flow (gpm)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)
11/15/94		23,080	0.0	280,840	68,960	1.7	ND	0.00	3.93	0.7	0.000	0.26	---	---	---
12/05/94		23,489	14.8	325,830	44,990	1.8	470	0.09	4.02	32.0	0.006	0.27	---	---	---
01/04/95		24,205	0.6	408,740	82,910	1.9	ND	0.16	4.18	1.1	0.011	0.28	---	---	---
02/06/95		24,926	9.0	499,690	90,950	2.1	100	0.04	4.22	2.4	0.001	0.28	---	---	---
03/02/95		25,465	6.4	569,180	69,490	2.1	ND	0.03	4.25	ND	0.001	0.28	---	---	---
04/04/95		26,253	0.5	672,510	103,330	2.2	290	0.12	4.37	6.6	0.003	0.28	---	---	---
05/02/95		26,924	0.1	760,350	87,840	2.2	240	0.19	4.57	7.1	0.005	0.29	---	---	---
06/05/95		27,721	2.4	848,810	88,460	1.9	ND	0.09	4.65	ND	0.003	0.29	---	---	---
07/06/95		28,464	0.1	921,260	72,450	1.6	270	0.08	4.74	2.4	0.001	0.29	---	---	---
08/21/95	d	29,568	0.0	993,320	72,060	1.1	230	0.15	4.89	1.8	0.001	0.29	---	---	---
06/05/00	e	29,592	---	976,600	---	---	700	---	4.89	7.2	---	0.29	361.0	---	0.000
06/05/00		29,593	0.0	979,800	3,200	2.1	700	0.02	4.91	7.2	0.000	0.29	361.0	0.01	0.010
07/08/00		30,352	4.2	1,131,560	151,760	3.3	133	0.53	5.43	5.1	0.008	0.30	272.0	0.40	0.410
08/07/00		30,955	16.3	1,228,240	96,680	2.7	144	0.11	5.54	2.8	0.003	0.30	126.0	0.16	0.570
09/08/00		31,528	25.4	1,306,300	78,060	2.3	261	0.13	5.68	2.7	0.002	0.30	120.0	0.08	0.651
10/10/00		32,230	8.6	1,393,820	78,520	2.1	114	0.14	5.81	ND	0.001	0.31	ND	0.04	0.694
11/07/00		32,880	3.3	1,472,930	79,110	2.0	128	0.08	5.89	ND	0.000	0.31	98.6	0.03	0.727
12/05/00		33,516	5.4	1,548,840	75,910	2.0	167	0.09	5.99	0.8	0.000	0.31	104.0	0.06	0.791
01/04/01		33,924	43.3	1,595,340	46,500	1.9	ND	0.03	6.02	ND	0.000	0.31	86.8	0.04	0.828
02/06/01		34,556	20.2	1,672,330	76,990	2.0	203	0.07	6.08	0.6	0.000	0.31	80.5	0.05	0.882
03/08/01		34,776	69.5	1,698,860	26,530	2.0	219	0.05	6.13	ND	0.000	0.31	81.0	0.02	0.899
03/24/01	†	35,088	18.7	1,741,170	42,310	2.3	---	0.07	6.20	---	0.000	0.31	---	0.03	0.928
04/18/01		35,335	59.0	1,770,860	29,690	2.0	75	0.04	6.24	ND	0.000	0.31	97.5	0.02	0.950
05/04/01		35,716	0.0	1,812,690	41,830	1.8	63	0.02	6.26	ND	0.000	0.31	93.2	0.03	0.983
06/09/01		36,345	27.1	1,879,710	67,020	1.8	64	0.04	6.30	ND	0.000	0.31	71.0	0.05	1.029
07/05/01	f	36,469	80.1	1,897,180	17,470	2.3	100	0.01	6.31	ND	0.000	0.31	430.0	0.04	1.066
08/14/01	f	36,822	63.3	1,928,510	31,330	1.5	290	0.05	6.36	2.2	0.000	0.31	870.0	0.17	1.235
09/05/01		37,219	24.8	1,977,050	48,540	2.0	<100	0.06	6.42	<1.0	0.000	0.31	340.0	0.24	1.480
10/05/01		37,932	0.0	2,040,950	63,900	1.5	ND	0.00	6.42	ND	0.000	0.31	150.0	0.13	1.611
11/13/01		38,820	0.0	2,119,670	78,720	1.5	ND	0.00	6.42	ND	0.000	0.31	92.0	0.08	1.690
12/11/01		39,496	0.0	2,186,530	66,860	1.6	65	0.02	6.44	ND	0.000	0.31	83.0	0.05	1.739
01/04/02		40,063	0.0	2,248,700	62,170	1.8	<50	0.02	6.46	ND	0.000	0.31	140.0	0.06	1.797
02/05/02		40,830	0.2	2,333,090	84,390	1.8	100	0.04	6.49	ND	0.000	0.31	190.0	0.12	1.913
03/05/02		40,968	79.4	2,353,460	20,370	2.5	150	0.02	6.51	<1.2	0.000	0.31	350.0	0.05	1.959
04/08/02		41,735	6.0	2,448,360	94,900	2.1	400	0.22	6.73	9.6	0.004	0.31	260.0	0.24	2.200
05/16/02		42,642	0.6	2,499,320	50,960	0.9	310	0.15	6.88	<1.0	0.002	0.31	330.0	0.13	2.325
05/31/02		42,832	47.2	2,503,380	4,060	0.4	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325
08/19/02	g	44,925	---	2,520,289	16,909	0.1	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325
10/03/02	g	44,956	---	2,520,582	293	0.2	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325

**Table 5. Ground-Water Extraction Performance Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	GRO/TPH-g				Benzene			MTBE		
						Average Flow (gpm)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)
10/07/02	g	44,956	---	2,522,394	1,812	---	160	0.00	6.89	<1.0	0.000	0.31	130.0	0.00	2.329
11/07/02	h	0	---	2,527,925	5,531	---	250	0.01	6.89	<1.0	0.000	0.31	210.0	0.01	2.337
12/05/02		479	28.7	2,528,113	188	0.0	220	0.00	6.89	<1.0	0.000	0.31	110.0	0.00	2.337
01/03/03		1,174	0.1	2,591,359	63,246	1.5	170	0.10	7.00	<1.0	0.000	0.31	140.0	0.07	2.403
02/13/03		2,156	0.2	2,692,710	101,351	1.7	<250	0.07	7.07	<2.5	0.000	0.31	66.0	0.09	2.490
03/27/03		3,165	0.0	2,790,668	97,958	1.6	110	0.04	7.11	<0.50	0.000	0.31	71.0	0.06	2.546
04/24/03		4,172	0.0	2,865,050	74,382	1.2	120	0.07	7.19	<0.50	0.000	0.31	56.0	0.04	2.585
05/30/03		4,459	66.7	2,931,190	66,140	3.8	20	0.04	7.22	<5.0	0.000	0.31	<50	0.00	2.585
06/19/03		4,940	0.0	2,971,985	40,795	1.4	160	0.03	7.25	<5.0	0.000	0.31	46.0	0.01	2.593
07/24/03		5,331	86.3	2,972,362	181,694	1.4	51	0.12	7.38	<0.50	0.000	0.31	41.0	0.08	2.678
08/28/03		6,165	0.8	3,040,900	68,538	1.4	<50	0.01	7.39	<0.50	0.000	0.31	30.0	0.02	2.698
09/25/03		6,838	0.0	3,095,020	54,120	1.3	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.01	2.711
10/23/03		7,512	0.0	3,149,200	177,215	1.1	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.04	2.753
11/20/03		8,182	0.3	3,204,612	55,412	1.4	<50	0.00	7.39	<0.50	0.000	0.31	22.0	0.01	2.764
12/18/03		8,851	1.1	3,264,487	30,531	1.5	52	0.01	7.40	<0.50	0.000	0.31	27.0	0.00	2.770
01/08/04		9,356	1.0	3,312,485	47,998	1.6	--	0.00	7.40	--	0.000	0.31	--	0.00	2.770
01/22/04		9,690	0.7	3,344,994	32,509	1.6	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.00	2.774
02/19/04		10,357	1.6	3,410,457	32,947	1.7	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.00	2.781
03/18/04		11,030	0.0	3,480,800	70,343	1.7	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.02	2.796
04/07/04		11,509	0.2	3,524,179	43,379	1.5	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.01	2.806
04/22/04		11,869	0.0	3,552,144	27,965	1.3	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.811
05/19/04		12,522	0.0	3,607,015	54,871	1.4	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.819
06/16/04		13,198	0.0	3,664,594	57,579	1.4	63	0.02	7.41	<0.50	0.000	0.31	20.0	0.01	2.829
07/22/04		14,050	1.4	3,736,245	71,651	1.4	<50	0.02	7.43	<0.50	0.000	0.31	15.0	0.01	2.839
08/26/04		14,890	0.0	3,803,030	66,785	1.3	<50	0.00	7.43	<0.50	0.000	0.31	23.0	0.01	2.850
09/16/04		15,394	0.0	3,832,211	29,181	1.0	<50	0.00	7.43	<0.50	0.000	0.31	18.0	0.00	2.855
10/21/04		16,235	0.0	3,891,299	59,088	1.2	<50	0.00	7.43	<0.50	0.000	0.31	17.0	0.01	2.863
11/18/04		16,908	0.0	3,942,990	51,691	1.3	<50	0.00	7.43	<0.50	0.000	0.31	14.0	0.01	2.870
12/16/04		17,579	0.2	3,994,185	51,195	1.3	<50	0.00	7.43	<0.50	0.000	0.31	15.0	0.01	2.876
01/19/05		18,396	0.0	4,063,710	69,525	1.4	84	0.02	7.46	<0.50	0.000	0.31	19	0.01	2.886
02/16/05	i	19,068	0.0	4,117,922	54,212	1.3	<50	0.02	7.48	<0.50	0.000	0.31	29	0.01	2.897
03/16/05	i	19,741	0.0	4,175,364	57,442	1.4	56	0.01	7.49	<0.50	0.000	0.31	21	0.01	2.909
04/20/05		20,578	0.3	4,244,807	69,443	1.4	<50	0.02	7.50	<0.50	0.000	0.31	19	0.01	2.921
05/18/05		21,057	28.8	4,279,950	35,143	1.2	82	0.01	7.52	<0.50	0.000	0.31	16	0.01	2.926
06/15/05		21,728	0.1	4,325,824	45,874	1.1	<50	0.02	7.53	<0.50	0.000	0.31	15	0.01	2.932
07/26/05		22,468	24.8	4,369,300	43,476	1.0	<50	0.00	7.53	<0.50	0.000	0.31	13	0.01	2.937
08/25/05		23,184	0.6	4,407,082	37,782	0.9	<50	0.00	7.53	---	0.000	0.31	9.8	0.004	2.940

**Table 5. Ground-Water Extraction Performance Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	GRO/TPH-g				Benzene			MTBE		
						Average Flow (gpm)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)
09/20/05		23,812	0.0	4,436,511	29,429	0.8	<50	0.00	7.53	<0.50	0.000	0.31	8.2	0.002	2.942
10/18/05		24,483	0.2	4,465,577	29,066	0.7	<50	0.00	7.53	<0.50	0.000	0.31	9.2	0.002	2.945
11/16/05		25,178	0.1	4,495,190	29,613	0.7	<50	0.00	7.53	<0.50	0.000	0.31	15	0.003	2.948
12/13/05		25,825	0.2	4,523,250	28,060	0.7	<50	0.00	7.53	<0.50	0.000	0.31	11	0.003	2.951
01/12/06		26,546	0.0	4,562,040	38,790	0.9	<50	0.00	7.53	<0.50	0.000	0.31	16	0.004	2.955
02/08/06		27,195	0.0	4,595,860	33,820	0.9	60	0.01	7.54	<0.50	0.000	0.31	15	0.004	2.959
03/06/06		27,816	0.5	4,621,920	26,060	0.7	<50	0.00	7.54	<0.50	0.000	0.31	16	0.003	2.963
04/03/06		28,489	0.0	4,651,630	29,710	0.7	<50	0.00	7.54	<0.50	0.000	0.31	16	0.004	2.967
05/02/06		NA	NA	4,686,187	34,557	--	<50	0.00	7.54	<0.50	0.000	0.31	--	0.000	2.967
06/13/06		30,189	0.54	4,694,809	8,622	0.1	<50	0.00	7.54	<0.50	0.000	0.31	15	0.001	2.967
06/27/06		30,524	0.3	4,697,476	2,667	--	--	--	--	--	--	--	--	--	--
07/17/06		31,006	0.0	4,706,984	9,508	0.3	<50	0.00	7.54	<0.50	0.000	0.31	5.7	0.000	2.968
08/09/06		31,556	0.4	4,719,605	12,621	0.4	<50	0.00	7.54	<0.50	0.000	0.31	4.6	0.001	2.968
09/12/06		32,371	0.1	4,731,489	11,884	0.2	<50	0.00	7.54	<0.50	0.000	0.31	2.9	0.000	2.968
10/09/06		33,014	0.8	4,732,140	651	0.02	<50	0.00	7.54	<0.50	0.000	0.31	3.3	0.000	2.968
11/10/06		33,784	0.0	4,732,180	40	0.001	<50	0.00	7.54	<0.50	0.000	0.31	6.6	0.000	2.968
12/05/06		34,379	0.8	4,732,186	6	0.0	--	0.00	7.54	--	0.000	0.31	--	0.000	2.968

REPORTING PERIOD:	10/09/06 to 12/05/06				
CUMULATIVE GALLONS EXTRACTED:	8,346,914				
PERIOD GALLONS EXTRACTED:	697				
TOTAL POUNDS REMOVED:		7.54		0.31	2.968
TOTAL GALLONS REMOVED:		1.24		0.04	0.48
AVERAGE PERIOD FLOW RATE (gpm):	0.01				
PERIOD PERCENT OPERATIONAL:	99.8%				
PERIOD POUNDS REMOVED:		0.000		0.000	0.000
PERIOD GALLONS REMOVED:		0.000		0.000	0.000

**Table 5. Ground-Water Extraction System Performance Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

SYMBOLS AND ABBREVIATIONS:

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

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

Footnotes:

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

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

Notes:

The data within this table collected prior to April 2006 was provided to BAI by RM and their previous consultants. BAI has not verified the accuracy of this information.

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

Table 6
Treatment System Analytical Data

Station #608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

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

Table 6
Treatment System Analytical Data
 Station #608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon) (continued)										
02/06/95	100	2.4	1.1	1.2	2.8	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/04/95	290	6.6	<0.50	10	1.7	---	---	---	---	---
05/02/95	240	7.1	<0.50	3.2	1.6	---	---	---	---	---
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/06/95	270	2.4	<0.50	7.6	1	---	---	---	---	---
08/21/95	230	1.8	<0.50	1.6	0.92	---	---	---	---	---
06/05/00	700	7.24	<1.0	2.11	<1.0	361	---	---	---	---
07/08/00	133	5.09	0.598	<0.50	<0.50	272	---	---	---	---
08/10/00	144	2.8	<0.50	1.04	<0.50	126	---	---	---	---
09/08/00	261	2.74	0.826	0.626	<0.50	120	---	---	---	---
10/10/00	114	<0.50	1.68	0.843	<0.50	<2.5	---	---	---	---
11/07/00	128	<0.50	<0.50	<0.50	<0.50	98.6	---	---	---	---
12/05/00	167	0.775	<0.50	<0.50	<0.50	104	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	86.8	---	---	---	---
02/06/01	203	0.572	<0.50	0.513	<0.50	80.5	---	---	---	---
03/08/01	219	<0.50	6.16	1.21	0.682	81	---	---	---	---
04/18/01	74.5	<0.50	<0.50	<0.50	<0.50	97.5	---	---	---	---
05/04/01	63.3	<0.50	<0.50	<0.50	<0.50	93.2	---	---	---	---
06/09/01	64	<0.50	<0.50	<0.50	<0.50	71	---	---	---	---
07/05/01	100	<0.50	2.5	<0.50	<0.50	430	---	---	---	---
08/14/01	290	2.2	3.5	<1.0	<1.0	870	---	---	---	---
09/05/01	<100	<1.0	<1.0	<1.0	<1.0	340	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	150	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	92	---	---	---	---
12/11/01	65	<0.50	0.58	<0.50	<0.50	83	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	140	---	---	---	---
02/05/02	100	<0.50	<0.50	<0.50	<0.50	190	---	---	---	---
03/05/02	150	<1.2	<1.2	<1.2	<1.2	350	---	---	---	---
04/08/02	400	9.6	<1.0	1.4	<1.0	260	---	---	---	---
05/16/02	310	<1.0	<1.0	<1.0	<1.0	330	---	---	---	---
10/07/02	160	4.1	<1.0	<1.0	<1.0	130	---	---	---	---
11/07/02	250	<0.50	10	0.7	0.77	210	---	---	---	---
12/05/02	220	<1.0	<1.0	<1.0	<1.0	110	---	---	---	---
01/03/03	170	<1.0	<1.0	<1.0	<1.0	140	---	---	---	---
2/13/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	66	---	---	---	---
3/27/03 ¹	110	<0.50	<0.50	<0.50	<0.50	71	---	---	---	---
4/24/03 ¹	120	<0.50	<0.50	<0.50	<0.50	56	---	---	---	---
5/30/03 ¹	20	<0.50	<0.50	<0.50	<0.50	<50	---	---	---	---
06/19/03	160	<0.50	<0.50	<0.50	<0.50	46	---	---	---	---

Table 6
Treatment System Analytical Data
 Station #608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon) (continued)										
07/24/03	51	<0.50	<0.50	<0.50	<0.50	41 (47) ²	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	30 (40) ²	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	28	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	28 (28) ²	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	22	---	---	---	---
12/18/03	52	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	25	---	---	---	---
03/18/04	<50	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	25	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
06/16/04	63	<0.50	<0.50	<0.50	<1.0	20	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	23	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	18	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	17	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	14	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
01/19/05	84	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
02/16/05	<50 ³	<0.50	<0.50	<0.50	<1.0	29	---	---	---	---
03/16/05	56 ³	<0.50	<0.50	<0.50	<1.0	21	---	---	---	---
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
05/18/05	82 ³	<0.50	<0.50	<0.50	<1.0	16	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	13	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	9.8	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	8.2	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	9.2	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	11	---	---	---	---
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	16	---	---	---	---
02/08/06	60	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
03/06/06	<50	<0.50	<0.50	<0.50	<1.0	16	---	---	---	---
04/03/06	<50	<0.50	<0.50	<0.50	<0.50	17	---	---	---	---
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	15	---	---	---	---
07/17/06	<50	<0.50	0.58	<0.50	<0.50	5.7	---	---	---	---
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	4.6	---	---	---	---
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---

Table 6
Treatment System Analytical Data
 Station #608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon) (continued)										
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
11/10/06	<50	<0.50	<0.50	<0.50	<0.50	6.6	---	---	---	---
12/05/06	System Shutdown									
MID-1 (between primary and secondary carbons)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	---	---	---	---	---	---	---	---	---	---
08/18/92	---	---	---	---	---	---	---	---	---	---
09/15/92	---	---	---	---	---	---	---	---	---	---
10/16/92	---	---	---	---	---	---	---	---	---	---
11/18/92	---	---	---	---	---	---	---	---	---	---
12/17/92	---	---	---	---	---	---	---	---	---	---
01/18/93	---	---	---	---	---	---	---	---	---	---
02/22/93	---	---	---	---	---	---	---	---	---	---
03/15/93	---	---	---	---	---	---	---	---	---	---
04/09/93	---	---	---	---	---	---	---	---	---	---
05/13/93	---	---	---	---	---	---	---	---	---	---
06/04/93	---	---	---	---	---	---	---	---	---	---
07/14/94	ND	ND	ND	ND	ND	---	---	---	---	---
08/17/94	---	---	---	---	---	---	---	---	---	---
09/12/94	---	---	---	---	---	---	---	---	---	---
10/18/94	---	---	---	---	---	---	---	---	---	---
11/05/94	---	---	---	---	---	---	---	---	---	---
12/05/94	---	---	---	---	---	---	---	---	---	---
01/04/95	---	---	---	---	---	---	---	---	---	---
02/06/95	---	---	---	---	---	---	---	---	---	---
03/02/95	---	---	---	---	---	---	---	---	---	---
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---

Table 6
Treatment System Analytical Data

Station #608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

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

**Table 6
Treatment System Analytical Data**

Station #608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons) (continued)										
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.6	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	2.0	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	1.5	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	1.9	---	---	---	---
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
02/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.9	---	---	---	---
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	2.4	---	---	---	---
05/18/05	58 ³	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	3.2	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/08/06	55	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/06/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
04/06/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
07/17/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
11/10/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
12/05/06	System Shutdown									
MID-2 (between secondary and tertiary carbons)										
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	---	---	---	---	---	---	---	---	---	---
09/08/00	---	---	---	---	---	---	---	---	---	---
10/10/00	---	---	---	---	---	---	---	---	---	---
11/07/00	---	---	---	---	---	---	---	---	---	---
12/05/00	---	---	---	---	---	---	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---

Table 6
Treatment System Analytical Data

Station #608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-2 (between secondary and tertiary carbons) continued										
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.94	---	---	---	---
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5) ²	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/18/04	86	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---

Table 6
Treatment System Analytical Data
 Station #608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-2 (between secondary and tertiary carbons) continued										
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	3.2	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	1.6	---	---	---	---
02/08/06	66	<0.50	<0.50	<0.50	<1.0	3.3	---	---	---	---
03/06/06	<50	<0.50 ⁵	<0.50	<0.50	<0.50	3.0	---	---	---	---
04/03/06	<50	<0.50	<0.50	<0.50	<0.50 ⁶	2.6	---	---	---	---
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
07/17/06	<50	<0.50	<0.50	<0.50	<0.50	4.3	---	---	---	---
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	3.4	---	---	---	---
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	5.2	---	---	---	---
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	4.6	---	---	---	---
11/10/06	<50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
12/05/06	System Shutdown									
EFFL (effluent to sewer)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
11/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---

Table 6
Treatment System Analytical Data
 Station #608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

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

Table 6
Treatment System Analytical Data

Station #608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (continued)										
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	29.2	<10	6.82	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.25	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.24	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	44	<10	7.48	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.00	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	10.7	7.03	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.04	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	28.5	<10	7.06	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.31	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.05	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.10	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	14	7.09	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	70	<10	7.07	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	55	<10	6.89	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	150	<10	6.98	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.01	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	52	<10	7.22	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.91	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.77	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.52	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.60	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	0.74	<2.5	<30	<10	7.80	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.0	<30	<10	7.40	0.27
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<30	<10	7.50	---
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.15	0.12
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	32	<10	7.50	0.08
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.95	10.23
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.95	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.02	9.75
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.07	3.00
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.03	2.12
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.79	2.70
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5) ²	<20	<10	6.82	3.45
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.94	0.84
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.01	0.94
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.12	0.85
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	10	6.57	3.82
03/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.08	0.97
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---

Table 6
Treatment System Analytical Data
 Station #608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (continued)										
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	27	<10	6.69	1.64
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	20	13	6.50	1.40
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.79	0.75
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.81	1.09
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	19	7.20	1.20
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	7.20	1.20
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.89	2.60
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	14	6.95	0.34
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.92	2.00
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.78	1.26
02/16/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.61	2.01
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.48	0.75
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.66	0.67
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.56	1.75
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.78	1.24
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.82	1.03
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.91	1.07
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.86	2.33
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.61	2.35
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.59	36.6 ⁴
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	7.3	2.93
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<20	7.2	15.0 ⁴
02/08/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<20	6.82	3.02
03/06/06	<50	<0.50 ⁵	<0.50	<0.50	<0.50	<0.50	<30	<10	6.87	1.12
04/03/06	<50	<0.50	<0.50	<0.50	<0.50 ⁶	0.80	<30	<10	6.78	---
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	<30	<10	7.58	4.45
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.66	4.28
07/17/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.24	3.47
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.32	7.26
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.39	5.24
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.34	5.25
11/10/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.03	---
12/05/06	System Shutdown									

Table 6
Treatment System Analytical Data
ARCO Service Station #608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

SYMBOLS AND ABBREVIATIONS:

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

FOOTNOTES:

1 = Analyzed with EPA Method 8260

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

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

4 = Value appears to be anomalous.

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

NOTES:

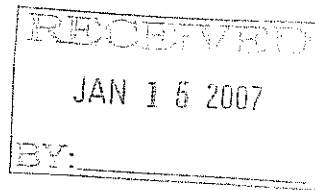
GRO/BTEX/MtBE analyzed using EPA Method 8260B beginning February 19, 2004.

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

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

APPENDIX A

**STRATUS GROUND-WATER SAMPLING DATA PACKAGE
(INCLUDES FIELD DATA SHEETS AND LABORATORY ANALYTICAL REPORT WITH
CHAIN-OF-CUSTODY DOCUMENTATION)**



3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

January 5, 2006

Mr. Rob Miller
Broadbent & Associates
2000 Kirman Ave.
Reno, NV 89502

Re: Groundwater Sampling Data Package, BP Service Station No. 608, located at 17601 Hesperian Boulevard, San Lorenzo, California (Quarterly Monitoring performed on December 7, 2006)

General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson

Phone Number: (530) 676-6000

On-Site Supplier Representative: Vince Zalutka

Date: December 7, 2006

Arrival: 04:30 *Departure:* 8:15

Weather Conditions: Clear

Unusual Field Conditions: None

Scope of Work Performed: Quarterly monitoring and sampling

Variations from Work Scope: Wells 17372VM, 642H, and E-1A located in residential area, could not locate. Well MW-16 covered by car.

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include bill of lading, field data sheets, calibration form, chain of custody documentation, and certified analytical results. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.

Sincerely,

STRATUS ENVIRONMENTAL, INC.

Jay R. Johnson, P.G.
Project Manager



Attachments:

- Bill of Lading
- Field Data Sheets
- Calibration Form
- Chain of Custody Documentation
- Certified Analytical Results

CC: Mr. Paul Supple, BP/ARCO

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 PURGEWATER WHICH HAS BEEN
RECOVERED FROM GROUNDWATER WELLS IS
COLLECTED BY THE CONTRACTOR, MADE UP INTO
LOADS OF APPROPRIATE SIZE AND HAULED BY
BELSHIRE ENVIRONMENTAL TO SEAPORT
ENVIRONMENTAL IN REDWOOD CITY, CALIFORNIA.

The contractors performing this work are Stratus
Environmental, Inc. [Stratus, 3330 Cameron Park Drive, Suite 550,
Cameron Park, CA 95682, (530) 676-6004], and Dulous
Environmental, Inc. [Dulous, PO Box 2559, Orangevale, CA
95662, (916) 990-0333]. Stratus is authorized by BP GEM OIL
COMPANY to recover, collect, and apportion into loads the non-
hazardous well purgewater that is drawn from wells at BP GEM
Oil Company facilities and deliver that purgewater to BP GEM Oil
Company facility 5786 located in West Sacramento, California.
Dulous also performs these services under subcontract to Stratus.
Transport routing of the non-hazardous well purgewater may be
direct from one BP GEM facility to the designated destination
point; from one BP GEM facility to the designated destination
point via another BP GEM facility; from a BP GEM facility to the
designated destination point via the contractor's facility, or any
combination thereof. The non-hazardous well purgewater is and
remains the property of BP GEM Oil Company.

This Source Record BILL OF LADING was initiated to
cover the recovery of non-hazardous well purgewater from wells at the
BP GEM Oil Company facility described below:

608

Station #

17601 Hesperian

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

19.5

Added Equipment

Any Other

Rinse Water

Adjustments

TOTAL GALS.

RECOVERED 19.5

loaded onto

Stratus vehicle #

Stratus Project #

time

date

Signature

Vine Zabrato

RECEIVED AT

578.6

time

date

Unloaded by
Signature

Vine Zabrato

02/07/06

ORIGINAL

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 PURGEWATER WHICH HAS BEEN RECOVERED FROM GROUNDWATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY BELSHIRE ENVIRONMENTAL TO SEAPORT ENVIRONMENTAL IN REDWOOD CITY, CALIFORNIA.

The contractors performing this work are Stratus Environmental, Inc. [Stratus, 3330 Cameron Park Drive, Suite 550, Cameron Park, CA 95682, (530) 676-6004], and Dulous Environmental, Inc. [Dulous, PO Box 2559, Orangevale, CA 95662, (916) 990-0333]. Stratus is authorized by BP GEM OIL COMPANY to recover, collect, and apportion into loads the non-hazardous well purgewater that is drawn from wells at BP GEM Oil Company facilities and deliver that purgewater to BP GEM Oil Company facility 5786 located in West Sacramento, California. Dulous also performs these services under subcontract to Stratus. Transport routing of the non-hazardous well purgewater may be direct from one BP GEM facility to the designated destination point; from one BP GEM facility to the designated destination point via another BP GEM facility; from a BP GEM facility to the designated destination point via the contractor's facility, or any combination thereof. The non-hazardous well purgewater is and remains the property of BP GEM Oil Company.

This Source Record BILL OF LADING was initiated to cover the recovery of non-hazardous well purgewater from wells at the BP GEM Oil Company facility described below:

608

Station #

17601 Hesperian

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

15.5

Added Equipment

Rinse Water

Any Other

Adjustments

TOTAL GALS.

RECOVERED

19.9

loaded onto

Stratus vehicle #

Stratus Project #

time

date

Signature

Vince Zabrato

RECEIVED AT

time

date

578.6

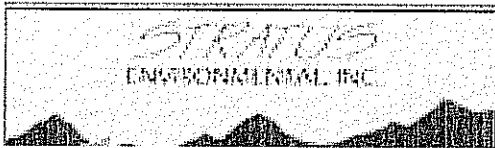
12/07/06

Unloaded by

Signature

Vince Zabrato

ORIGINAL



Global ID: T0600100085
 Site Address _____
 City Sacramento CA
 Sampled By: VinceZ

ORIGINAL
 Site Number 608
 Project No _____
 Project PM Jay Johnson
 Date 12-07-06

Signature VJ Date: 12-07-06

Water Level Data					Purge Volume Calculations					Well Purge Method				Sample Record			Field Data
Well ID	Time	Depth to water feet	Top of Screen feet	Qtr. Meas. Depth of Well (feet)	Casing Water Column (A)	Well Diameter (Inches)	Multiplier Value (B)	Three Casing Volumes (Gallons)	Actual Water Purged (Gallons)	No Purge	Bailer	Pump	Other	DTW At Sample Time	Sample I.D.	Sample time	Dissolved Oxygen (ppm)
MW-5	0630	11.71		13.5	N/A									—	MW-5	—	—
MW-8	0635	10.21		27.7	N/A									—	MW-8	—	—
MW-9	0557	9.67		18.0	N/A									—	MW-9	—	—
MW-10	0537	9.78		22.20	12.42	3	1	12	12		X			9.76	MW-10	0747	.89
MW-11	0530	10.68		18.6	N/A									—	MW-11	—	—
E-1A															E-1A		
MW-14	0542	9.05		22.9	N/A									—	MW-14	—	—
MW-15	0517	10.32		23	N/A									—	MW-15	—	—
MW-16														—	MW-16	—	—
MW-21	0802	9.76		21.3	N/A									—	MW-21	—	—
MW-22	0757	10.44		21.3	N/A	4								—	MW-22	—	—
MW-23	0500	11.50		21.50	N/A									—	MW-23	—	—
MW-25	0700	11.22		18.3	7.08	2.	.5	3.5	3.5		X			11.18	MW-25	0747	.71
MW-26	0548	11.11		19.4	N/A									—	MW-26	—	—
642H															642H		
17372VM															17372VM		
TB 608 12 07 2006															TB	0425	—

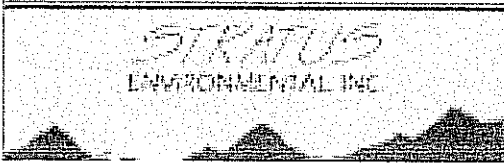
covered by car

House

covered/capped

House
House/ch

Multiplier Values
 2" = 0.5 3" = 1.0 4" = 2.0 6" = 4.4



Site Address 0
 City Sacramento CA
 Sampled By: VinceZ

Site Number 608
 Project No 0
 Project PM Jay Johnson
 Date 01/00/00

V3 12-07-06 ORIGINAL

Well ID MW-5					Well ID MW-8				
purge start time					purge start time				
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time					time				
time					time				
time					time				
time					time				
purge stop time					purge stop time				
Well ID MW-9					Well ID MW-10 0747				
purge start time					purge start time <i>Bailer to Odor</i>				
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time					time	16.9	7.28	869	2
time					time	17.3	6.99	873	6
time					time	17.5	7.10	872	12
time					time				
purge stop time					purge stop time				
Well ID MW-11					Well ID E-1A				
Purge start time					Purge start time				
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time					time				
time					time				
time					time				
time					time				
purge stop time					purge stop time				
Well ID MW-14					Well ID MW-15				
purge start time					purge start time				
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time					time				
time					time				
time					time				
time					time				
purge stop time					purge stop time				



Site Address 0
 City Sacramento CA
 Sampled By: VinceZ

Site Number 608
 Project No 0
 Project PM Jay Johnson
 Date 07/07/00

ORIGINAL

12-07-06 v3

Well ID MW-16					Well ID MW-21				
purge start time					purge start time				
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time					time				
time					time				
time					time				
time					time				
purge stop time					purge stop time				
Well ID MW-22					Well ID MW-23				
purge start time					purge start time				
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time					time				
time					time				
time					time				
time					time				
purge stop time					purge stop time				
Well ID MW-25 ⁰⁷¹¹					Well ID MW-26				
Purge start time <i>Baller NO ODOR</i>					Purge start time				
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time	17.7	7.02	1063	0	time				
time	17.0	7.20	1034	3.5	time				
time					time				
time					time				
purge stop time					purge stop time				
Well ID 642H					Well ID 17372VM				
purge start time					purge start time				
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time					time				
time					time				
time					time				
time					time				
purge stop time					purge stop time				

AN ORIGINAL

Account: 608

Sampled by: UJ

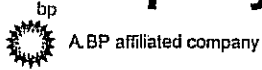
Date: 12-07-06

Last Meter Calibration (Date): 10-06

Well ID	Box In Good Condition	Lock Missing (Replaced with new)	Water In Box	Boils Stripped	Boil-holes Stripped	Cracked or Broken Lid	Cracked Box or Bolt-holes	Boils Missing	Notes and Other Stuff
MW-25			X	X	X				
MW-10	Y								
MW-5					X				
5-8	X								
5-9	X								
5-10	X								
MW-11									
E-1A									around house - could not locate
MW-14	X								
5-15	X								
5-16									covered by car
21	X								
22	X								
23	X								
25	X								
MW-26	X								
642H									around house - could not locate
12720M									" "
17372UM									" " " "

Visitor Log, Date, and Time

Atlantic Richfield Company



Chain of Custody Record

Project Name: ARCO 608
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda > 608
 State or Lead Regulatory Agency: _____
 Requested Due Date (mm/dd/yy): Std TAT

ORIGINAL

On-site Time: <u>4:30</u>	Temp: <u>40</u>
Off-site Time: <u>8:15</u>	Temp: <u>50</u>
Sky Conditions: <u>Clear</u>	
Meteorological Events: <u>N/A</u>	
Wind Speed: _____	Direction: _____

Lab Name: TestAmerica	BP/AR Facility No.: 608	Consultant/Contractor: Stratus Environmental, Inc.
Address: 885 Jarvis Drive Morgan Hill, CA 95937	BP/AR Facility Address: 17601 Hesperian Blvd., San Lorenzo	Address: 3330 Cameron Park Drive, Suite 550 Cameron Park, CA 95682
Lab PM: Lisa Race	Site Lat/Long:	Consultant/Contractor Project No.:
Tele/Fax: 408-782-8156 408-782-6308 (fax)	California Global ID No.: T0600100085	Consultant/Contractor PM: Jay Johnson
BP/AR PM Contact: Paul Supple	Enfos Project No.: G0C24	Tele/Fax: (530) 676-6000 / (530) 676-6005
Address: 2010 Crow Canyon Place, Suite 150 San Ramon, CA	Provision or OOC (circle one) <u>Provision</u>	Report Type & QC Level: Level 1 with EDF
Tele/Fax: 925-275-3506	Phase/WBS: 04-Monitoring	E-mail EDD To: <u>cjewitt@stratusinc.net</u>
	Sub Phase/Task: 03-Analytical	Invoice to: Atlantic Richfield Co.
	Cost Element: 01-Contractor labor	

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments		
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	5% - PTEX	50%+5	EDB	12-DCA	Ethanol			
1	MW-10	0747	12-7-06	X				3							X	X	X	X	X		
2	MW-25	0709	12-7-06	X				6							X	X	X	X	X		
3	TB 608 12072006	0425	12-7-06	X				2													Hold
4																					
5																					
6																					
7																					
8																					
9																					
10																					

Sampler's Name: <u>VINCE ZALUTKA</u>	Relinquished By / Affiliation: <u>Vincent Zalutka</u>	Date: <u>12-07-06</u>	Time: <u>10:25</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>12/7</u>	Time: <u>10:25</u>
Sampler's Company: <u>Stratus</u>						
Shipment Date: <u>12-7-2006</u>						
Shipment Method: <u>Stratus</u>						
Shipment Tracking No: _____						

Special Instructions: Please cc results to rmiller@broadbentinc.com

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

6

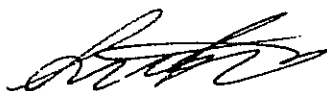
29 December, 2006

Jay Johnson
Stratus Environmental Inc. [Arco]
3330 Cameron Park Dr., Suite 550
Cameron Park, CA 95682

RE: ARCO #0608, San Lorenzo, CA
Work Order: MPL0279

Enclosed are the results of analyses for samples received by the laboratory on 12/08/06 07:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Race
Senior Project Manager

CA ELAP Certificate # 1210

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

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24 Project Manager: Jay Johnson	MPL0279 Reported: 12/29/06 16:09
---	---	--

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-10	MPL0279-01	Water	12/07/06 07:47	12/08/06 07:50
MW-25	MPL0279-02	Water	12/07/06 07:09	12/08/06 07:50
TB60812072006	MPL0279-03	Water	12/07/06 04:25	12/08/06 07:50

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

These samples were received with custody seals.

Stratus Environmental Inc. [Arco]
3330 Cameron Park Dr., Suite 550
Cameron Park CA, 95682

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24
Project Manager: Jay Johnson

MPL0279
Reported:
12/29/06 16:09

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 (MPL0279-01) Water Sampled: 12/07/06 07:47 Received: 12/08/06 07:50									
Gasoline Range Organics (C4-C12)	360	50	ug/l	1	6L16003	12/16/06	12/16/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		106 %	60-145		"	"	"	"	
MW-25 (MPL0279-02) Water Sampled: 12/07/06 07:09 Received: 12/08/06 07:50									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6L16003	12/16/06	12/16/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		96 %	60-145		"	"	"	"	

Stratus Environmental Inc. [Arco]
3330 Cameron Park Dr., Suite 550
Cameron Park CA, 95682

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24
Project Manager: Jay Johnson

MPL0279
Reported:
12/29/06 16:09

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	------

MW-10 (MPL0279-01) Water Sampled: 12/07/06 07:47 Received: 12/08/06 07:50

tert-Amyl methyl ether	ND	0.50	ug/l	1	6L16003	12/16/06	12/16/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	24	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	10	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	

Surrogate: Dibromofluoromethane

100 % 75-130

" " " "

Surrogate: 1,2-Dichloroethane-d4

106 % 60-145

" " " "

Surrogate: Toluene-d8

104 % 70-130

" " " "

Surrogate: 4-Bromofluorobenzene

115 % 60-120

" " " "

MW-25 (MPL0279-02) Water Sampled: 12/07/06 07:09 Received: 12/08/06 07:50

tert-Amyl methyl ether	6.1	0.50	ug/l	1	6L16003	12/16/06	12/16/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	14	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	

Surrogate: Dibromofluoromethane

96 % 75-130

" " " "

Surrogate: 1,2-Dichloroethane-d4

96 % 60-145

" " " "

Surrogate: Toluene-d8

98 % 70-130

" " " "

Surrogate: 4-Bromofluorobenzene

95 % 60-120

" " " "

Stratus Environmental Inc. [Arco]
3330 Cameron Park Dr., Suite 550
Cameron Park CA, 95682

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24
Project Manager: Jay Johnson

MPL0279
Reported:
12/29/06 16:09

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6L16003 - EPA 5030B P/T / LUFT GCMS

Blank (6L16003-BLK1)

Prepared & Analyzed: 12/16/06

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.48		"	2.50		99	60-145			

Laboratory Control Sample (6L16003-BS2)

Prepared & Analyzed: 12/16/06

Gasoline Range Organics (C4-C12)	533	50	ug/l	500		107	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.64		"	2.50		106	60-145			

Laboratory Control Sample Dup (6L16003-BSD2)

Prepared & Analyzed: 12/16/06

Gasoline Range Organics (C4-C12)	520	50	ug/l	500		104	75-140	2	20	
Surrogate: 1,2-Dichloroethane-d4	2.57		"	2.50		103	60-145			

Stratus Environmental Inc. [Arco]
3330 Cameron Park Dr., Suite 550
Cameron Park CA, 95682

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24
Project Manager: Jay Johnson

MPL0279
Reported:
12/29/06 16:09

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6L16003 - EPA 5030B P/T / EPA 8260B

Blank (6L16003-BLK1)

Prepared & Analyzed: 12/16/06

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	5.0	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
<i>Surrogate: Dibromofluoromethane</i>	2.48		"	2.50		99	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.48		"	2.50		99	60-145			
<i>Surrogate: Toluene-d8</i>	2.43		"	2.50		97	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.39		"	2.50		96	60-120			

Laboratory Control Sample (6L16003-BS1)

Prepared & Analyzed: 12/16/06

tert-Amyl methyl ether	9.75	0.50	ug/l	10.0		98	65-135			
Benzene	10.1	0.50	"	10.0		101	70-125			
tert-Butyl alcohol	174	5.0	"	200		87	60-135			
Di-isopropyl ether	10.8	0.50	"	10.0		108	70-130			
1,2-Dibromoethane (EDB)	9.73	0.50	"	10.0		97	80-125			
1,2-Dichloroethane	9.72	0.50	"	10.0		97	75-125			
Ethanol	201	300	"	200		100	15-150			
Ethyl tert-butyl ether	10.4	0.50	"	10.0		104	65-130			
Ethylbenzene	10.8	0.50	"	10.0		108	70-130			
Methyl tert-butyl ether	10.3	0.50	"	10.0		103	50-140			
Toluene	10.0	0.50	"	10.0		100	70-120			
Xylenes (total)	32.2	0.50	"	30.0		107	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.56		"	2.50		102	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.40		"	2.50		96	60-145			
<i>Surrogate: Toluene-d8</i>	2.53		"	2.50		101	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.67		"	2.50		107	60-120			

TestAmerica - Morgan Hill, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Stratus Environmental Inc. [Arco]
3330 Cameron Park Dr., Suite 550
Cameron Park CA, 95682

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24
Project Manager: Jay Johnson

MPL0279
Reported:
12/29/06 16:09

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6L16003 - EPA 5030B P/T / EPA 8260B

Matrix Spike (6L16003-MS1)	Source: MPL0279-02			Prepared & Analyzed: 12/16/06						
tert-Amyl methyl ether	16.3	0.50	ug/l	10.0	6.1	102	65-135			
Benzene	11.2	0.50	"	10.0	ND	112	70-125			
tert-Butyl alcohol	194	5.0	"	200	ND	97	60-135			
Di-isopropyl ether	12.0	0.50	"	10.0	ND	120	70-130			
1,2-Dibromoethane (EDB)	11.0	0.50	"	10.0	ND	110	80-125			
1,2-Dichloroethane	10.7	0.50	"	10.0	ND	107	75-125			
Ethanol	227	300	"	200	ND	114	15-150			
Ethyl tert-butyl ether	11.6	0.50	"	10.0	ND	116	65-130			
Ethylbenzene	11.9	0.50	"	10.0	ND	119	70-130			
Methyl tert-butyl ether	25.6	0.50	"	10.0	14	116	50-140			
Toluene	11.0	0.50	"	10.0	ND	110	70-120			
Xylenes (total)	35.4	0.50	"	30.0	ND	118	80-125			
Surrogate: Dibromofluoromethane	2.48		"	2.50		99	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.42		"	2.50		97	60-145			
Surrogate: Toluene-d8	2.55		"	2.50		102	70-130			
Surrogate: 4-Bromofluorobenzene	2.68		"	2.50		107	60-120			

Matrix Spike Dup (6L16003-MSD1)	Source: MPL0279-02			Prepared & Analyzed: 12/16/06						
tert-Amyl methyl ether	14.9	0.50	ug/l	10.0	6.1	88	65-135	9	25	
Benzene	10.1	0.50	"	10.0	ND	101	70-125	10	15	
tert-Butyl alcohol	175	5.0	"	200	ND	88	60-135	10	35	
Di-isopropyl ether	10.8	0.50	"	10.0	ND	108	70-130	11	35	
1,2-Dibromoethane (EDB)	10.1	0.50	"	10.0	ND	101	80-125	9	15	
1,2-Dichloroethane	9.80	0.50	"	10.0	ND	98	75-125	9	10	
Ethanol	177	300	"	200	ND	88	15-150	25	35	
Ethyl tert-butyl ether	10.6	0.50	"	10.0	ND	106	65-130	9	35	
Ethylbenzene	10.8	0.50	"	10.0	ND	108	70-130	10	15	
Methyl tert-butyl ether	23.0	0.50	"	10.0	14	90	50-140	11	25	
Toluene	9.99	0.50	"	10.0	ND	100	70-120	10	15	
Xylenes (total)	32.1	0.50	"	30.0	ND	107	80-125	10	15	
Surrogate: Dibromofluoromethane	2.56		"	2.50		102	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.41		"	2.50		96	60-145			
Surrogate: Toluene-d8	2.53		"	2.50		101	70-130			
Surrogate: 4-Bromofluorobenzene	2.65		"	2.50		106	60-120			

TestAmerica - Morgan Hill, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

Stratus Environmental Inc. [Arco]
3330 Cameron Park Dr., Suite 550
Cameron Park CA, 95682

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24
Project Manager: Jay Johnson

MPL0279
Reported:
12/29/06 16:09

Notes and Definitions

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



Chain of Custody Record

Project Name: ARCO 608
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda > 608
 State or Lead Regulatory Agency: _____
 Requested Due Date (mm/dd/yy): Std TAT

On-site Time: <u>4:30</u>	Temp: <u>40</u>
Off-site Time: <u>2:15</u>	Temp: <u>50</u>
Sky Conditions: <u>Clear</u>	
Meteorological Events: <u>N/A</u>	
Wind Speed: _____	Direction: _____

Lab Name: <u>TestAmerica</u>	BP/AR Facility No.: <u>608</u>	Consultant/Contractor: <u>Stratus Environmental, Inc.</u>
Address: <u>885 Jarvis Drive</u>	BP/AR Facility Address: <u>17601 Hesperian Blvd., San Lorenzo</u>	Address: <u>3330 Cameron Park Drive, Suite 550</u>
<u>Morgan Hill, CA 95937</u>	Site Lat/Long: _____	<u>Cameron Park, CA 95682</u>
Lab PM: <u>Lisa Race</u>	California Global ID No.: <u>T0600100085</u>	Consultant/Contractor Project No.: _____
Tele/Fax: <u>408-782-8156 408-782-6308 (fax)</u>	Enfos Project No.: <u>G0C24</u>	Consultant/Contractor PM: <u>Jay Johnson</u>
BP/AR PM Contact: <u>Paul Supple</u>	Provision or OOC (circle one) <u>Provision</u>	Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>
Address: <u>2010 Crow Canyon Place, Suite 150</u>	Phase/WBS: <u>04-Monitoring</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
<u>San Ramon, CA</u>	Sub Phase/Task: <u>03-Analytical</u>	E-mail EDD To: <u>cjewitt@stratusinc.net</u>
Tele/Fax: <u>925-275-3506</u>	Cost Element: <u>01-Contractor labor</u>	Invoice to: <u>Atlantic Richfield Co.</u>

Lab Bottle Order No:				Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Sample Point Lat/Long and Comments
Item No.	Sample Description	Time	Date	Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	Grx-BTEX	5-ox+5	EDB	12-DCA	Ethanol	
1	MW-10	0747	12-7-06	X			01	3					X	X	X	X	X		
2	MW-25	0709	12-7-06	X			02	6					X	X	X	X	X		
3	TB 608 12072006	0425	12-7-06	X			03	2										Hold	
4																			
5																			
6																			
7																			
8																			
9																			
10																			

P260 ALL

Sampler's Name: <u>VINCE ZALUTKA</u>	Relinquished By / Affiliation: <u>Vincent Zalutka</u>	Date: <u>12-07-06</u>	Time: <u>10:25</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>12-7</u>	Time: <u>10:25</u>
Sampler's Company: <u>STRATUS</u>					<u>12/8</u>	<u>2:15</u>
Shipment Date: <u>12-7-2006</u>						
Shipment Method: <u>Stratus</u>						
Shipment Tracking No: _____						

Special Instructions: Please cc results to miller@broadbentinc.com

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: Yes / No | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: 655
 REC. BY (PRINT) B. W. W.
 WORKORDER: WIPLO279

DATE REC'D AT LAB: 12/10/06
 TIME REC'D AT LAB: 0750
 DATE LOGGED IN: 12/10/06

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <u>Present</u> / Absent Intact / Broken*								[Large diagonal line with handwritten notes: "Present" and "12/10/06" pointing to the line]
2. Chain-of-Custody <u>Present</u> / Absent*								
3. Traffic Reports or Packing List: <u>Present</u> / Absent								
4. Airbill: <u>Airbill</u> / Sticker Present / Absent								
5. Airbill #: <u>01001013546571</u>								
6. Sample Labels: <u>Present</u> / Absent								
7. Sample IDs: <u>Listed</u> / Not Listed on Chain-of-Custody								
8. Sample Condition: <u>Intact</u> / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? <u>Yes</u> / No*								
10. Sample received within hold time? <u>Yes</u> / No*								
11. Adequate sample volume received? <u>Yes</u> / No*								
12. Proper preservatives used? <u>Yes</u> / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) <u>Yes</u> / No*								
14. Read Temp: <u>0.3</u> Corrected Temp: <u>1.3</u> Is corrected temp 4 +/-2°C? <u>Yes</u> / No** <small>(Acceptance range for samples requiring thermal pres.)</small>								

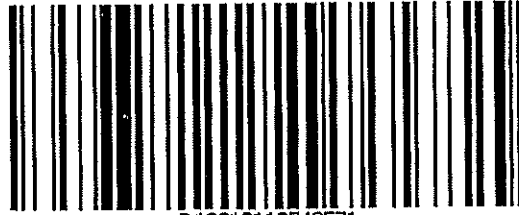
**Exception (if any): METALS / DFF ON ICE or Problem COC

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

California Overnight Shipping Label



1-800-334-5000 / www.calover.com



D10010113546571

Date Printed 12/7/2006

Tracking#D10010113546571

Shipped From:
TEST AMERICA - SACRAMENTO
819 STRIKER AVENUE 8
SACRAMENTO, CA 95834

Sent By: TIM ALBRIGHT
Phone#: (916)921-9600
wgt(lbs): 67
Reference:
Decl. Value: \$0.00

<p><i>Ship To Company:</i> TESTAMERICA - MORGAN HILL 885 JARVIS DR MORGAN HILL, CA 95037 SAMPLE CONTROL (408)776-9600</p>	<p><i>Service:</i> S <i>Sort Code:</i> SJC <i>Special Services:</i></p>
---	---

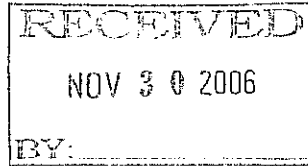
APPENDIX B

**SYSTEM O&M DATA PACKAGES AND MONTHLY DISCHARGE REPORTS
(INCLUDES FIELD DATA SHEETS AND LABORATORY ANALYTICAL REPORT WITH
CHAIN-OF-CUSTODY DOCUMENTATION)**



November 3, 2006

Rob Miller
Broadbent and Associates, Inc.
2000 Kirman Avenue
Reno, NV 89502



System O&M Data Package
ARCO 608
17601 Hesperian Blvd., San Lorenzo
Field Work Performed: October 2006

General Information

Data Submittal Prepared/Reviewed by: Amber Budd

Phone Number: (510) 874-1769

On-Site Supplier Representative: URS Corporation

Arrival: See attached Field Sheets *Departure:* See attached Field Sheets

Weather Conditions: See attached Field Sheets

System Overview:

- Groundwater extraction system with one groundwater extraction well (E-1 A) abatement with three 2,400-lb carbon vessels in series.
- Oro Loma Sanitary District Permit #SDP-037, expired August 4, 2006

Operational Status: Operational through October 2006 at low influent flow rate.

Scope of Work Performed: Activities included routine O&M, monthly sample collection and water chemistry monitoring (pH, etc).

Variations/Issues Noted: No issues noted during October 2006.

This submittal presents the tabulation of data collected in association with routine treatment system operation and maintenance. The attachments include, at a minimum, sampling procedures, field data collected, laboratory results, chain of custody documentation, and waste management activities. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.

Edmund Tarter, P.E.
Engineering Services Coordinator



URS Corporation
Crown Corporate Center
2870 Gateway Oaks Drive, Suite 150
Sacramento, CA 95833
Tel: 916.679.2000
Fax: 916.679.2900



Attachments

Tabulated Cumulative O&M Data

Table 1: Treatment System Metered Volume

Table 2: Treatment System Analytical Data

Field and Laboratory Procedures

Laboratory Report with Chain of Custody Documentation

Field Data Sheets

Table 1
Treatment System Metered Volume
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Meter Reading Date	Hour Meter Reading (Hrs)		Total (hrs)	System Downtime (%) ^(k)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
06/05/00	29,593	a		96.64	979,800	3,200	3,200	2.1
06/19/00	29,896			9.82	1,052,390	72,590	75,790	4.0
06/28/00	30,062			22.96	1,082,340	29,950	105,740	3.0
07/08/00	30,352			0.00	1,131,560	49,220	154,960	2.8
07/26/00	30,749			8.10	1,196,420	64,860	219,820	2.7
08/07/00	30,955			28.47	1,228,020	31,600	251,420	2.6
08/29/00	31,309			32.90	1,276,650	48,630	300,050	2.3
09/08/00	31,528			8.87	1,306,300	29,650	329,700	2.3
09/28/00	32,011			0.00	1,368,410	62,110	391,810	2.1
10/28/00	32,638			12.85	1,444,183	75,773	467,583	2.0
11/30/00	33,399			3.96	1,534,960	90,777	558,360	2.0
12/28/00	33,761			46.15	1,576,520	41,560	599,920	1.9
01/04/01	33,924			2.80	1,595,340	18,820	618,740	1.9
02/06/01	34,556			20.15	1,672,330	76,990	695,730	2.0
03/08/01	34,776			69.50	1,698,860	26,530	722,260	2.0
03/24/01	35,088			18.67	1,741,170	42,310	764,570	2.3
04/05/01	35,310			22.99	1,767,530	26,360	790,930	2.0
04/18/01	35,335			92.15	1,770,860	3,330	794,260	2.3
05/04/01	35,716			0.81	1,812,690	41,830	836,090	1.8
06/09/01	36,345			27.13	1,879,710	67,020	903,110	1.8
07/05/01	36,469	b		80.10	1,897,180	17,470	920,580	2.3
07/28/01	36,821			36.29	1,928,250	31,070	951,650	1.5
08/14/01	36,822	c		99.80	1,928,510	260	951,910	5.4
09/05/01	37,219			24.81	1,977,050	48,540	1,000,450	2.0
10/05/01	37,932			0.94	2,040,950	63,900	1,064,350	1.5
11/13/01	38,820			5.15	2,119,670	78,720	1,143,070	1.5
12/11/01	39,496			0.00	2,186,530	66,860	1,209,930	1.6
01/04/02	40,063			1.60	2,248,700	62,170	1,272,100	1.8
01/31/02	40,716			0.00	2,321,310	72,610	1,344,710	1.9
02/05/02	40,830			5.33	2,333,090	11,780	1,356,490	1.7
02/25/02	40,831			99.62	2,333,270	180	1,356,670	1.7
03/05/02	40,968			29.01	2,353,460	20,190	1,376,860	2.5
04/08/02	41,735			5.96	2,448,360	94,900	1,471,760	2.1
05/04/02	42,362			0.00	2,487,090	38,730	1,510,490	1.0
05/31/02	42,832	d		27.47	2,503,380	16,290	1,526,780	0.6
08/19/02	44,925			0.00	2,520,289	16,909	1,543,689	0.1
10/03/02	44,956	e		97.11	2,520,582	293	1,543,982	N/A
10/07/02	44,956	e		100.00	2,522,394	1,812	1,545,794	N/A
10/24/02	44,956	e		100.00	2,527,898	5,504	1,551,298	N/A
11/07/02	0	f	44,956	-	2,527,925	27	1,551,325	N/A
11/21/02	336		45,292	0.00	2,527,945	20	1,551,345	0.00
12/05/02	479	g	45,435	57.71	2,528,113	168	1,551,513	0.02
12/18/02	788	g	45,744	0.90	2,555,895	27,782	1,579,295	1.50
01/03/02	1,174	g	46,130	100.00	2,591,359	35,464	1,614,759	1.53

Table I
Treatment System Metered Volume
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Meter Reading Date	Hour Meter Reading (Hrs)		Total (hrs)	System Downtime (%) ^(K)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
01/16/03	1,486	g	46,442	96.56	2,625,812	34,453	1,649,212	1.84
02/13/03	2,156	g	47,112	0.36	2,692,710	66,898	1,716,110	1.67
03/13/03	2,832		47,788	0.00	2,758,948	66,238	1,782,348	1.63
03/27/03	3,165		48,121	0.71	2,790,668	31,720	1,814,068	1.58
04/10/03	3,500		48,456	0.27	2,828,060	37,392	1,851,460	1.86
04/24/03	3,837		48,793	0.00	2,865,050	36,990	1,888,450	1.83
05/08/03	4,172		49,128	0.36	2,900,937	35,887	1,924,337	1.79
05/22/03	4,459	h	49,415	14.46	2,931,190	30,253	1,954,590	1.75
05/30/03	4,459	i	49,415	100.00	2,931,190	0	1,954,590	0.00
06/05/03	4,606		49,562	0.00	2,946,180	14,990	1,969,580	1.69
06/19/03	4,940		49,896	0.77	2,971,985	25,805	1,995,385	1.29
07/11/03	4,940		49,896	100.00	2,971,985	0	1,995,385	0.00
07/24/03	5,331		50,287	0.00	2,972,362	377	1,995,762	0.02
08/14/03	5,831		50,787	0.95	3,013,517	41,532	2,036,917	0.78
08/28/03	6,165		51,121	0.51	3,040,900	27,383	2,064,300	1.37
09/11/03	6,503		51,459	0.00	3,067,641	26,741	2,091,041	1.32
09/25/03	6,838		51,794	0.21	3,095,020	27,379	2,118,420	1.36
10/09/03	7,176		52,132	0.00	3,122,624	81,724	2,146,024	1.35
10/23/03	7,512		52,468	0.00	3,149,200	26,576	2,172,600	1.32
11/06/03	N/A	i	N/A	N/A	N/A	N/A	N/A	N/A
11/20/03	8,182		53,138	0.33	3,204,612	55,412	2,228,012	1.38
12/04/03	8,518		53,474	0.00	3,233,956	29,344	2,201,944	0.49
12/18/03	8,851		53,807	1.07	3,264,487	30,531	2,232,475	1.53
01/08/04	9,356		54,312	0.00	3,312,485	47,998	2,276,010	1.58
01/22/04	9,690		54,646	0.68	3,344,994	32,509	2,308,519	1.62
02/05/04	10,026		54,982	0.06	3,377,510	32,516	2,341,035	1.61
02/19/04	10,357		55,313	1.58	3,410,457	32,947	2,373,982	1.66
03/04/04	10,695		55,651	0.00	3,446,501	36,044	2,410,026	1.77
03/18/04	11,030		55,986	0.33	3,480,890	34,389	2,444,415	1.71
04/07/04	11,509		56,465	0.23	3,524,179	43,289	2,487,704	1.51
04/22/04	11,869		56,825	0.03	3,552,144	27,965	2,515,669	1.30
05/06/04	12,206		57,162	0.00	3,579,927	27,783	2,543,452	1.37
05/19/04	12,522		57,478	0.00	3,607,015	27,088	2,570,540	1.43
06/02/04	12,853		57,809	1.34	3,635,580	28,565	2,599,105	1.44
06/16/04	13,198		58,154	0.00	3,664,594	29,014	2,628,119	1.40
07/08/04	13,715		58,671	2.14	3,708,440	43,846	2,671,965	1.41
07/22/04	14,050		59,006	0.18	3,736,245	27,805	2,699,770	1.38
08/12/04	14,554		59,510	0.10	3,777,215	40,970	2,740,740	1.36
08/26/04	14,890		59,846	0.00	3,803,030	25,815	2,766,555	1.28
09/02/04	15,058		60,014	0.00	3,811,977	8,947	2,775,502	0.89
09/16/04	15,394		60,350	0.09	3,832,211	20,234	2,795,736	1.00
10/07/04	15,902		60,858	0.00	3,867,732	35,521	2,831,257	1.17
10/21/04	16,235		61,191	0.65	3,891,217	23,485	2,854,742	1.17

Table 1
Treatment System Metered Volume
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Meter Reading Date	Hour Meter Reading (Hrs)		Total (hrs)	System Downtime (%) ^(*)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
11/04/04	16,572		61,528	0.00	3,917,240	26,023	2,880,765	1.29
11/18/04	16,908		61,864	0.00	3,942,990	25,750	2,906,515	1.28
12/02/04	17,242		62,198	0.57	3,967,880	24,890	2,931,405	1.24
12/16/04	17,579		62,535	0.00	3,994,102	26,222	2,957,627	1.30
12/30/04	17,915		62,871	0.00	4,020,937	26,835	2,984,462	1.33
01/05/05	18,062		63,018	0.00	4,033,820	12,883	2,997,345	1.46
01/19/05	18,396		63,352	0.63	4,063,602	29,782	3,027,127	1.49
02/02/05	18,734		63,690	0.00	4,091,628	28,026	3,055,153	1.38
02/16/05	19,068		64,024	0.45	4,117,922	26,294	3,081,447	1.31
03/02/05	19,406		64,362	0.00	4,146,956	29,034	3,110,481	1.43
03/16/05	19,741		64,697	0.36	4,175,328	28,372	3,138,853	1.41
03/30/05	20,072		65,028	1.28	4,203,345	28,017	3,166,870	1.41
04/07/05	20,263		65,219	0.89	4,219,430	16,085	3,182,955	1.41
04/20/05	20,578		65,534	0.00	4,244,807	25,377	3,208,332	1.34
05/04/05	20,915		65,871	0.00	4,269,751	24,944	3,233,276	1.23
05/18/05	21,057		66,013	57.95	4,279,950	10,199	3,243,475	1.20
06/02/05	21,415		66,371	0.53	4,304,727	24,777	3,268,252	1.15
06/15/05	21,728		66,684	0.00	4,325,824	21,097	3,289,349	1.12
06/23/05	N/A		N/A	N/A	4,337,710	11,886	3,301,235	N/A
07/11/05	22,354		67,310	0.00	4,363,217	37,393	3,326,742	1.00
07/26/05	22,468	m	67,424	68.25	4,369,300	6,083	3,332,825	0.89
08/10/05	22,827		67,783	0.22	4,388,486	19,186	3,352,011	0.89
08/25/05	23,184		68,140	0.94	4,407,134	18,648	3,370,659	0.87
09/07/05	23,497		68,453	0.00	4,421,840	14,706	3,385,365	0.78
09/20/05	23,812		68,768	0.00	4,436,511	14,671	3,400,036	0.78
10/04/05	24,150		69,106	0.00	4,451,324	14,813	3,414,849	0.73
10/18/05	24,483		69,439	1.01	4,465,577	14,253	3,429,102	0.71
11/02/05	24,956	n	69,912	0.00	4,480,107	14,530	3,443,632	0.51
11/16/05	25,178		70,134	34.05	4,495,190	15,083	3,458,715	1.13
11/29/05	25,491		70,447	0.00	4,508,180	12,990	3,471,705	0.69
12/13/05	25,825		70,781	0.00	4,523,250	15,070	3,486,775	0.75
12/27/05	26,163		71,119	0.00	4,538,830	15,580	3,502,355	0.77
01/12/06	26,546		71,502	0.26	4,562,040	23,210	3,525,565	1.01
01/24/06	26,835		71,791	0.00	4,577,920	15,880	3,541,445	0.92
02/08/06	27,195		72,151	0.03	4,595,860	17,940	3,559,385	0.83
02/21/06	27,505		72,461	0.61	4,609,460	13,600	3,572,985	0.73
03/06/06	27,816		72,772	0.22	4,621,920	12,460	3,585,445	0.67
03/22/06	28,199		73,155	0.23	4,637,100	15,180	3,600,625	0.66
04/03/06	28,489		73,445	0.00	4,651,630	14,530	3,615,155	0.84

Table 1
Treatment System Metered Volume
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Meter Reading Date	Hour Meter Reading (Hrs)		Total (hrs)	System Downtime (%) ^(k)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
04/17/06	28,827		73,783	0.00	4,669,497	17,867	3,633,022	0.88
05/02/06	N/A	n	N/A	N/A	4,686,187	16,690	3,649,712	N/A
05/15/06	29,497		74,453	0.30	4,690,347	4,160	3,653,872	0.10
05/30/06	29,855		74,811	0.53	4,694,809	4,462	3,658,334	0.21
06/13/06	30,189		75,145	0.54	4,694,809	0	3,658,334	0.00
06/27/06	30,524		75,480	0.33	4,697,476	2,667	3,661,001	0.13
07/17/06	31,006		75,962	0.00	4,706,984	9,508	3,670,509	0.33
07/26/06	31,225		76,181	0.00	4,711,695	4,711	3,675,220	0.36
08/09/06	31,556		76,512	1.28	4,719,605	7,910	3,683,130	0.40
08/22/06	31,874		76,830	0.00	4,726,757	7,152	3,690,282	0.38
08/29/06	32,036		76,992	3.15	4,730,248	3,491	3,693,773	0.36
09/12/06	32,371		77,327	0.48	4,731,489	1,241	3,695,014	0.06
09/27/06	32,731		77,687	0.00	4,732,102	613	3,695,627	0.03
10/09/06	33,014		77,970	1.67	4,732,140	38	3,695,665	0.002
10/26/06	33,426		78,382	0.00	4,732,179	39	3,695,704	0.002

REPORTING PERIOD:	9/27/06 to 10/26/06
PERIOD AVERAGE FLOW RATE (gpm):	0.002
PERIOD VOLUME DISCHARGED (gallons):	77

hrs = hours

gpm = gallons per minute

N/A = not analyzed/not applicable/not available

Initial 3-hour startup pumping period May 31, 2000

- a. System restarted 6/5/00 (previously ran 9/25/91 - 8/21/95)
- b. System down during construction to main sewer line starting 6/25/01.
- c. System restarted 8/14/01 following completion of construction work.
- d. Hour meter reading not recorded. Estimated hours using last 3 months average.
- e. Hour meter reading not functioning.
- f. Hour meter replaced.
- g. An error in the table has been corrected to show correct flow rate values.
- h. System was down upon arrival due to utility power outage.
- i. System restarted 5/30/03 after power restored to system.
- k. Downtime calculated by the following: $100 - ((\text{Hours Running in Period}) / ((\text{Days in Reporting Period}) * (24 \text{ hours/day})))$
- l. Data from 11/6/03 site visit is unavailable.
- m. During the period of July 11 to July 26, the GWET system tripped an inlet pressure switch and shut down.
- n. Based on previous readings, the hour meter reading on the field data sheets is incorrect.

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

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

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon) (cont.)										
02/06/95	100	2.4	1.1	1.2	2.8	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/04/95	290	6.6	<0.50	10	1.7	---	---	---	---	---
05/02/95	240	7.1	<0.50	3.2	1.6	---	---	---	---	---
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/06/95	270	2.4	<0.50	7.6	1	---	---	---	---	---
08/21/95	230	1.8	<0.50	1.6	0.92	---	---	---	---	---
06/05/00	700	7.24	<1.0	2.11	<1.0	361	---	---	---	---
07/08/00	133	5.09	0.598	<0.50	<0.50	272	---	---	---	---
08/10/00	144	2.8	<0.50	1.04	<0.50	126	---	---	---	---
09/08/00	261	2.74	0.826	0.626	<0.50	120	---	---	---	---
10/10/00	114	<0.50	1.68	0.843	<0.50	<2.5	---	---	---	---
11/07/00	128	<0.50	<0.50	<0.50	<0.50	98.6	---	---	---	---
12/05/00	167	0.775	<0.50	<0.50	<0.50	104	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	86.8	---	---	---	---
02/06/01	203	0.572	<0.50	0.513	<0.50	80.5	---	---	---	---
03/08/01	219	<0.50	6.16	1.21	0.682	81	---	---	---	---
04/18/01	74.5	<0.50	<0.50	<0.50	<0.50	97.5	---	---	---	---
05/04/01	63.3	<0.50	<0.50	<0.50	<0.50	93.2	---	---	---	---
06/09/01	64	<0.50	<0.50	<0.50	<0.50	71	---	---	---	---
07/05/01	100	<0.50	2.5	<0.50	<0.50	430	---	---	---	---
08/14/01	290	2.2	3.5	<1.0	<1.0	870	---	---	---	---
09/05/01	<100	<1.0	<1.0	<1.0	<1.0	340	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	150	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	92	---	---	---	---
12/11/01	65	<0.50	0.58	<0.50	<0.50	83	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	140	---	---	---	---
02/05/02	100	<0.50	<0.50	<0.50	<0.50	190	---	---	---	---
03/05/02	150	<1.2	<1.2	<1.2	<1.2	350	---	---	---	---
04/08/02	400	9.6	<1.0	1.4	<1.0	260	---	---	---	---
05/16/02	310	<1.0	<1.0	<1.0	<1.0	330	---	---	---	---
10/07/02	160	4.1	<1.0	<1.0	<1.0	130	---	---	---	---
11/07/02	250	<0.50	10	0.7	0.77	210	---	---	---	---
12/05/02	220	<1.0	<1.0	<1.0	<1.0	110	---	---	---	---
01/03/03	170	<1.0	<1.0	<1.0	<1.0	140	---	---	---	---
2/13/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	66	---	---	---	---
3/27/03 ¹	110	<0.50	<0.50	<0.50	<0.50	71	---	---	---	---
4/24/03 ¹	120	<0.50	<0.50	<0.50	<0.50	56	---	---	---	---
5/30/03 ¹	20	<0.50	<0.50	<0.50	<0.50	<50	---	---	---	---
06/19/03	160	<0.50	<0.50	<0.50	<0.50	46	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon) (cont.)										
07/24/03	51	<0.50	<0.50	<0.50	<0.50	41 (47) ²	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	30 (40) ²	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	28	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	28 (28) ²	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	22	---	---	---	---
12/18/03	52	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	25	---	---	---	---
03/18/04	<50	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	25	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
06/16/04	63	<0.50	<0.50	<0.50	<1.0	20	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	23	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	18	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	17	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	14	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
01/19/05	84	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
02/16/05	<50 ³	<0.50	<0.50	<0.50	<1.0	29	---	---	---	---
03/16/05	56 ³	<0.50	<0.50	<0.50	<1.0	21	---	---	---	---
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
05/18/05	82 ³	<0.50	<0.50	<0.50	<1.0	16	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	13	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	9.8	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	8.2	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	9.2	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	11	---	---	---	---
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	16	---	---	---	---
02/08/06	60	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
03/06/06	<50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
04/03/06	<50	<0.50	<0.50	<0.50	<0.50	17	---	---	---	---
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	15	---	---	---	---
07/17/06	<50	<0.50	0.58	<0.50	<0.50	5.7	---	---	---	---
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	4.6	---	---	---	---
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	---	---	---	---	---	---	---	---	---	---
08/18/92	---	---	---	---	---	---	---	---	---	---
09/15/92	---	---	---	---	---	---	---	---	---	---
10/16/92	---	---	---	---	---	---	---	---	---	---
11/18/92	---	---	---	---	---	---	---	---	---	---
12/17/92	---	---	---	---	---	---	---	---	---	---
01/18/93	---	---	---	---	---	---	---	---	---	---
02/22/93	---	---	---	---	---	---	---	---	---	---
03/15/93	---	---	---	---	---	---	---	---	---	---
04/09/93	---	---	---	---	---	---	---	---	---	---
05/13/93	---	---	---	---	---	---	---	---	---	---
06/04/93	---	---	---	---	---	---	---	---	---	---
07/14/94	ND	ND	ND	ND	ND	---	---	---	---	---
08/17/94	---	---	---	---	---	---	---	---	---	---
09/12/94	---	---	---	---	---	---	---	---	---	---
10/18/94	---	---	---	---	---	---	---	---	---	---
11/05/94	---	---	---	---	---	---	---	---	---	---
12/05/94	---	---	---	---	---	---	---	---	---	---
01/04/95	---	---	---	---	---	---	---	---	---	---
02/06/95	---	---	---	---	---	---	---	---	---	---
03/02/95	---	---	---	---	---	---	---	---	---	---
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons) (cont.)										
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	5.7	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	9	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	26	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	17	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	39	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	58	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	55	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	100	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	51	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	66	---	---	---	---
2/13/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	130	---	---	---	---
3/27/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	120	---	---	---	---
4/24/03 ¹	280	<2.5	<2.5	<2.5	<2.5	110	---	---	---	---
5/30/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	140	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (1.3) ²	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	1.1	---	---	---	---
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	1.2	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.3	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	1.2	---	---	---	---
03/18/04	67	<0.50	<0.50	<0.50	<1.0	1.4	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	1.5	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.3	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	2.0	---	---	---	---
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	1.8	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.6	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	2.0	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	1.5	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons) (cont.)										
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	1.9	---	---	---	---
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
02/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.9	---	---	---	---
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	2.4	---	---	---	---
05/18/05	58 ³	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	3.2	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/08/06	55	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/06/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
04/03/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
07/17/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MID-2 (between secondary and tertiary carbons)										
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	---	---	---	---	---	---	---	---	---	---
09/08/00	---	---	---	---	---	---	---	---	---	---
10/10/00	---	---	---	---	---	---	---	---	---	---
11/07/00	---	---	---	---	---	---	---	---	---	---
12/05/00	---	---	---	---	---	---	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-2 (between secondary and tertiary carbons) (cont.)										
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.94	---	---	---	---
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5) ²	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/18/04	86	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-2 (between secondary and tertiary carbons) (cont.)										
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	3.2	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	1.6	---	---	---	---
02/08/06	66	<0.50	<0.50	<0.50	<1.0	3.3	---	---	---	---
03/06/06	<50	<0.50 ⁵	<0.50	<0.50	<0.50	3.0	---	---	---	---
04/03/06	<50	<0.50	<0.50	<0.50	<0.50 ⁶	2.6	---	---	---	---
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
07/17/06	<50	<0.50	<0.50	<0.50	<0.50	4.3	---	---	---	---
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	3.4	---	---	---	---
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	5.2	---	---	---	---
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	4.6	---	---	---	---
EFFL (effluent to sewer)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
11/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/22/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/09/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/04/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/20/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/16/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (cont.)										
09/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/04/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/06/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/04/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/06/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/21/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	7.19	---
06/12/00	<50	---	---	---	---	---	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	32.1	<10	7.08	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	23.4	<10	6.67	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	29.2	<10	6.82	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.25	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.24	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	44	<10	7.48	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.00	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	10.7	7.03	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.04	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	28.5	<10	7.06	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.31	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.05	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.10	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	14	7.09	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	70	<10	7.07	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

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

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (cont.)										
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.56	1.75
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.78	1.24
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.82	1.03
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.91	1.07
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.86	2.33
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.61	2.35
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.59	36.6 ⁴
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	7.3	2.93
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<20	7.2	15.0 ⁴
02/08/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<20	6.82	3.02
03/06/06	<50	<0.50 ⁵	<0.50	<0.50	<0.50	<0.50	<30	<10	6.87	1.12
04/03/06	<50	<0.50	<0.50	<0.50	<0.50 ⁶	0.80	<30	<10	6.78	—
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	<30	<10	7.58	4.45
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.66	4.28
07/17/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.24	3.47
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.32	7.26
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.39	5.24
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.54	5.25

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
--------------	---------------------	-------------------	-------------------	-----------------------------	-------------------	----------------	---------------	---------------	---------------	--------------

SYMBOLS AND ABBREVIATIONS:

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

FOOTNOTES:

- 1 =Analyzed with EPA Method 8260
- 2 =MTBE concentration analyzed by EPA methods 8021B and 8260B (Results of EPA Method 8260 shown in parenthesis).
- 3= Quantity of unknown hydrocarbon(s) in sample based on gasoline.
- 4 = Value appears to be anomalous
- 5 = Possible high bias due to CCV falling outside acceptance criteria
- 6 = Analyte present in the method blank

NOTES:

GRO/BTEX/MtBE analyzed using EPA Method 8260B beginning February 19, 2004.
 The data within this table collected prior to May 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

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

FIELD AND LABORATORY PROCEDURES

Sampling Procedures

The equipment and sampling methods used for the current sampling event are noted on the attached field data sheets along with the analyses performed. Groundwater samples for O&M reporting are collected from the manifold within the remediation compound, placed into appropriate EPA-approved containers, labeled, logged onto chain-of-custody documents, and transported on ice to a California state-certified laboratory.

Laboratory Procedures

The groundwater samples are analyzed according to the sampling schedules noted on the field data sheets. Samples are analyzed for the presence of GRO (gasoline range organics C4-C12), benzene, toluene, ethylbenzene, and total xylenes, fuel oxygenates, and 1,2-DCA by EPA Method 8260B, and analyzed for other constituents according to the field data sheets. The methods of analysis for the groundwater samples are documented in the certified laboratory analytical report.

24 October, 2006

Alok Kolekar
URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland, CA 94612

RE: ARCO #0608, San Lorenzo, CA
Work Order: MPJ0440

Enclosed are the results of analyses for samples received by the laboratory on 10/09/06 13:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Race
Senior Project Manager

CA ELAP Certificate # 1210

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

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0012 Project Manager: Alok Kolekar	MPJ0440 Reported: 10/24/06 13:48
---	---	--

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
INF	MPJ0440-01	Water	10/09/06 09:45	10/09/06 13:40
MID-1	MPJ0440-02	Water	10/09/06 09:40	10/09/06 13:40
MID-2	MPJ0440-03	Water	10/09/06 09:35	10/09/06 13:40
EFFL	MPJ0440-04	Water	10/09/06 09:30	10/09/06 13:40
Trip Blank	MPJ0440-05	Water	10/09/06 09:00	10/09/06 13:40

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

These samples were received with no custody seals.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: GOC24-0012
Project Manager: Alok Kolekar

MPJ0440
Reported:
10/24/06 13:48

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
INF (MPJ0440-01) Water Sampled: 10/09/06 09:45 Received: 10/09/06 13:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6J15002	10/15/06	10/15/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		95 %	60-145		"	"	"	"	
MID-1 (MPJ0440-02) Water Sampled: 10/09/06 09:40 Received: 10/09/06 13:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6J15002	10/15/06	10/15/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		97 %	60-145		"	"	"	"	
MID-2 (MPJ0440-03) Water Sampled: 10/09/06 09:35 Received: 10/09/06 13:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6J15002	10/15/06	10/15/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		103 %	60-145		"	"	"	"	
EFFL (MPJ0440-04) Water Sampled: 10/09/06 09:30 Received: 10/09/06 13:40									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6J15002	10/15/06	10/15/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		103 %	60-145		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0012
Project Manager: Alok Kolekar

MPJ0440
Reported:
10/24/06 13:48

Volatile Organic Compounds by EPA Method 8260B
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
INF (MPJ0440-01) Water Sampled: 10/09/06 09:45 Received: 10/09/06 13:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6J15002	10/15/06	10/15/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	3.3	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		101 %	75-130	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		95 %	60-145	"	"	"	"	"	
Surrogate: Toluene-d8		99 %	70-130	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99 %	60-120	"	"	"	"	"	
MID-1 (MPJ0440-02) Water Sampled: 10/09/06 09:40 Received: 10/09/06 13:40									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6J15002	10/15/06	10/15/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		104 %	75-130	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		97 %	60-145	"	"	"	"	"	
Surrogate: Toluene-d8		98 %	70-130	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98 %	60-120	"	"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0012
Project Manager: Alok Kolekar

MPJ0440
Reported:
10/24/06 13:48

Volatile Organic Compounds by EPA Method 8260B
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						

MID-2 (MPJ0440-03) Water Sampled: 10/09/06 09:35 Received: 10/09/06 13:40

tert-Amyl methyl ether	ND	0.50	ug/l	1	6J15002	10/15/06	10/15/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	4.6	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	

Surrogate: Dibromofluoromethane

107 % 75-130

" " " "

Surrogate: 1,2-Dichloroethane-d4

103 % 60-145

" " " "

Surrogate: Toluene-d8

99 % 70-130

" " " "

Surrogate: 4-Bromofluorobenzene

100 % 60-120

" " " "

EFFL (MPJ0440-04) Water Sampled: 10/09/06 09:30 Received: 10/09/06 13:40

tert-Amyl methyl ether	ND	0.50	ug/l	1	6J15002	10/15/06	10/15/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	

Surrogate: Dibromofluoromethane

105 % 75-130

" " " "

Surrogate: 1,2-Dichloroethane-d4

103 % 60-145

" " " "

Surrogate: Toluene-d8

98 % 70-130

" " " "

Surrogate: 4-Bromofluorobenzene

98 % 60-120

" " " "

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: ARCO #0608, San Lorenzo, CA Project Number: GOC24-0012 Project Manager: Alok Kolekar	MPJ0440 Reported: 10/24/06 13:48
---	---	--

Conventional Chemistry Parameters by APHA/EPA Methods
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MPJ0440-04) Water Sampled: 10/09/06 09:30 Received: 10/09/06 13:40									
Chemical Oxygen Demand	ND	30000	ug/l	1	6J19032	10/19/06	10/19/06	EPA 410.4	
Total Suspended Solids	ND	10000	"	"	6J10035	10/11/06	10/11/06	EPA 160.2	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0012
Project Manager: Alok Kolekar

MPJ0440
Reported:
10/24/06 13:48

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6J15002 - EPA 5030B P/T / LUFT GCMS										
Blank (6J15002-BLK1)					Prepared & Analyzed: 10/15/06					
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.29		"	2.50		92	60-145			
Laboratory Control Sample (6J15002-BS1)					Prepared & Analyzed: 10/15/06					
Gasoline Range Organics (C4-C12)	838	50	ug/l	700		120	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.17		"	2.50		87	60-145			
Laboratory Control Sample (6J15002-BS2)					Prepared & Analyzed: 10/15/06					
Gasoline Range Organics (C4-C12)	396	50	ug/l	440		90	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.35		"	2.50		94	60-145			
Matrix Spike (6J15002-MS1)					Prepared & Analyzed: 10/15/06					
Gasoline Range Organics (C4-C12)	1290	50	ug/l	700	ND	184	75-140			LM
Surrogate: 1,2-Dichloroethane-d4	2.77		"	2.50		111	60-145			
Matrix Spike Dup (6J15002-MSD1)					Prepared & Analyzed: 10/15/06					
Gasoline Range Organics (C4-C12)	1340	50	ug/l	700	ND	191	75-140	4	20	LM
Surrogate: 1,2-Dichloroethane-d4	2.70		"	2.50		108	60-145			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0012
Project Manager: Alok Kolekar

MPJ0440
Reported:
10/24/06 13:48

Volatile Organic Compounds by EPA Method 8260B - Quality Control

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6J15002 - EPA 5030B P/T / EPA 8260B

Blank (6J15002-BLK1)

Prepared & Analyzed: 10/15/06

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
<i>Surrogate: Dibromofluoromethane</i>	2.51		"	2.50		100	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.29		"	2.50		92	60-145			
<i>Surrogate: Toluene-d8</i>	2.48		"	2.50		99	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.46		"	2.50		98	60-120			

Laboratory Control Sample (6J15002-BS1)

Prepared & Analyzed: 10/15/06

tert-Amyl methyl ether	47.4	0.50	ug/l	50.0		95	65-135			
Benzene	9.72	0.50	"	10.0		97	70-125			
tert-Butyl alcohol	925	20	"	1000		92	60-135			
Di-isopropyl ether	44.0	0.50	"	50.0		88	70-130			
1,2-Dibromoethane (EDB)	10.2	0.50	"	10.0		102	80-125			
1,2-Dichloroethane	9.66	0.50	"	10.0		97	75-125			
Ethanol	956	300	"	1000		96	15-150			
Ethyl tert-butyl ether	46.4	0.50	"	50.0		93	65-130			
Ethylbenzene	11.2	0.50	"	10.0		112	70-130			
Methyl tert-butyl ether	49.4	0.50	"	50.0		99	50-140			
Toluene	10.7	0.50	"	10.0		107	70-120			
Xylenes (total)	33.0	0.50	"	30.0		110	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.51		"	2.50		100	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.17		"	2.50		87	60-145			
<i>Surrogate: Toluene-d8</i>	2.54		"	2.50		102	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.52		"	2.50		101	60-120			

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0012 Project Manager: Alok Kolekar	MPJ0440 Reported: 10/24/06 13:48
---	---	--

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6J15002 - EPA 5030B P/T / EPA 8260B

Matrix Spike (6J15002-MS1)	Source: MPJ0441-04			Prepared & Analyzed: 10/15/06						
tert-Amyl methyl ether	61.7	0.50	ug/l	50.0	ND	123	65-135			
Benzene	15.2	0.50	"	10.0	ND	152	70-125			LM
tert-Butyl alcohol	1110	20	"	1000	ND	111	60-135			
Di-isopropyl ether	56.7	0.50	"	50.0	ND	113	70-130			
1,2-Dibromoethane (EDB)	12.7	0.50	"	10.0	ND	127	80-125			LM
1,2-Dichloroethane	14.3	0.50	"	10.0	ND	143	75-125			LM
Ethanol	1090	300	"	1000	ND	109	15-150			
Ethyl tert-butyl ether	62.4	0.50	"	50.0	ND	125	65-130			
Ethylbenzene	18.4	0.50	"	10.0	ND	184	70-130			LM
Methyl tert-butyl ether	153	0.50	"	50.0	ND	306	50-140			LM
Toluene	14.0	0.50	"	10.0	ND	140	70-120			LM
Xylenes (total)	53.8	0.50	"	30.0	ND	179	80-125			LM
<i>Surrogate: Dibromofluoromethane</i>	2.77		"	2.50		111	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.77		"	2.50		111	60-145			
<i>Surrogate: Toluene-d8</i>	2.62		"	2.50		105	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.67		"	2.50		107	60-120			

Matrix Spike Dup (6J15002-MSD1)	Source: MPJ0441-04			Prepared & Analyzed: 10/15/06						
tert-Amyl methyl ether	62.4	0.50	ug/l	50.0	ND	125	65-135	1	25	
Benzene	15.6	0.50	"	10.0	ND	156	70-125	3	15	LM
tert-Butyl alcohol	1120	20	"	1000	ND	112	60-135	0.9	35	
Di-isopropyl ether	57.8	0.50	"	50.0	ND	116	70-130	2	35	
1,2-Dibromoethane (EDB)	12.9	0.50	"	10.0	ND	129	80-125	2	15	LM
1,2-Dichloroethane	14.4	0.50	"	10.0	ND	144	75-125	0.7	10	LM
Ethanol	1200	300	"	1000	ND	120	15-150	10	35	
Ethyl tert-butyl ether	64.1	0.50	"	50.0	ND	128	65-130	3	35	
Ethylbenzene	18.8	0.50	"	10.0	ND	188	70-130	2	15	LM
Methyl tert-butyl ether	155	0.50	"	50.0	ND	310	50-140	1	25	LM
Toluene	14.5	0.50	"	10.0	ND	145	70-120	4	15	LM
Xylenes (total)	53.8	0.50	"	30.0	ND	179	80-125	0	15	LM
<i>Surrogate: Dibromofluoromethane</i>	2.74		"	2.50		110	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.70		"	2.50		108	60-145			
<i>Surrogate: Toluene-d8</i>	2.64		"	2.50		106	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.62		"	2.50		105	60-120			

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0012 Project Manager: Alok Kolekar	MPJ0440 Reported: 10/24/06 13:48
---	---	--

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6J10035 - General Preparation / EPA 160.2

Blank (6J10035-BLK1)		Prepared & Analyzed: 10/11/06								
Total Suspended Solids	ND	10000	ug/l							
Duplicate (6J10035-DUP1)		Source: MPJ0421-01 Prepared & Analyzed: 10/11/06								
Total Suspended Solids	ND	10000	ug/l		4300				20	

Batch 6J19032 - General Preparation / EPA 410.4

Blank (6J19032-BLK1)		Prepared & Analyzed: 10/19/06								
Chemical Oxygen Demand	ND	30000	ug/l							
Laboratory Control Sample (6J19032-BS1)		Prepared & Analyzed: 10/19/06								
Chemical Oxygen Demand	116000	33000	ug/l	111000		105	75-120			
Duplicate (6J19032-DUP1)		Source: MPJ0375-03 Prepared & Analyzed: 10/19/06								
Chemical Oxygen Demand	492000	30000	ug/l		500000			2	23	
Matrix Spike (6J19032-MS1)		Source: MPJ0440-04 Prepared & Analyzed: 10/19/06								
Chemical Oxygen Demand	142000	33000	ug/l	111000	14000	115	75-120			
Matrix Spike Dup (6J19032-MSD1)		Source: MPJ0440-04 Prepared & Analyzed: 10/19/06								
Chemical Oxygen Demand	122000	33000	ug/l	111000	14000	97	75-120	15	15	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0012
Project Manager: Alok Kolekar

MPJ0440
Reported:
10/24/06 13:48

Notes and Definitions

LM MS and/or MSD above acceptance limits. See Blank Spike(LCS).
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference



Chain of Custody Record

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

10/9/06

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

Lab Name: Sequoia Analytical (Morgan Hill)	BP/AR Facility No.: Station 608	Consultant/Contractor: URS Oakland
Lab Address: 885 Jarvis Drive Morgan Hill, CA	BP/AR Facility Address: 17601 Hesperian Blvd, San Lorenzo	Address: 1333 Broadway, Suite 800 Oakland CA 94612
Lab PM: Lisa Race	Site Lat/Long: 37.673888 / -122.123	Consultant/Contractor Project No.: 38487590
Tele/Fax: 408-782-8156/408-782-6308	California Global ID No.: T000100085	Consultant/Contractor PM: Alok Kolekar
BP/AR PM Contact: Paul Supple	Enfos Project No.: G0C24-0012	Tele/Fax: 510.893.3600/510.874.3268
Address: P.O. Box 6549 Moraga CA 94570	Provision or RCOP: Provision	Report Type & QC Level: Level 1 and EDF
Tele/Fax: 925.299.8891/925.299.8872	Phase/WBS: 03 - O&M	E-mail EDD To: alok_kolekar@urscorp.com, amber_budd@urscorp.com, bpedf@broadbentinc.com
	Sub Phase/Task: 03 - Analytical	Invoice to: Consultant or BP or Atlantic Richfield Co. (circle one)
	Cost Element: 05 - Subcontractor Costs	

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis			Sample Point Lat/Long and Comments
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	BTEX/Oxy/TPH (8260)	COD (410.4)	TSS (160.2)	
1	INF	9:34	10/9/06	X			01	3			X						MPJ04490
2	MID-1	9:40	↓	X			02	3			X						
3	MID-2	9:55		X			03	3			X						
4	EFFL	9:30		X			04	3			X						
5	EFFL	9:30		X				1	X				X				
6	EFFL	9:30		X				1	X			X					
7	TRIP BLANK	9:00		X			05	3			X						
8																	
9																	
10																	

Sampler's Name: <u>RIKHANA MULLAY</u>	Relinquished By / Affiliation: <u>[Signature]</u>	Date: <u>10/9/06</u>	Time: <u>13:49</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>10/9</u>	Time: <u>1348</u>
Sampler's Company: <u>URS CORP.</u>						
Shipment Date:						
Shipment Method:						
Tracking No:						
Notes:						

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: Bp 1608
 REC. BY (PRINT): EAT
 WORKORDER: MP50440

DATE REC'D AT LAB: 10/9/06
 TIME REC'D AT LAB: 1349
 DATE LOGGED IN: 10-10-06

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / <u>Absent</u> Intact / Broken*	01	INF	300AS	HCL	←	C	10/9	
2. Chain-of-Custody	<u>Present</u> / Absent*	02	M10-1	same	same	↓	↓	↓	
3. Traffic Reports or Packing List:	Present / <u>Absent</u>	03	M10-2	↓	↓	↓	↓	↓	
4. Airbill:	Airbill / Sticker Present / <u>Absent</u>	04	EFL	↓	↓	↓	↓	↓	
5. Airbill #:		05	EFL	16 Poly	-				
6. Sample Labels:	<u>Present</u> / Absent	06	EFL	500 wa Poly	H2SO4	↓	↓	↓	
7. Sample IDs:	<u>Listed</u> / Not Listed on Chain-of-Custody	07	TS	2 VORAS	HCL	↓	↓	↓	
8. Sample Condition:	<u>Intact</u> / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree?	<u>Yes</u> / No*								
10. Sample received within hold time?	<u>Yes</u> / No*								
11. Adequate sample volume received?	<u>Yes</u> / No*								
12. Proper preservatives used?	<u>Yes</u> / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes)	<u>Yes</u> / No*								
14. Read Temp: <u>3.1C</u> Corrected Temp: <u>4.71</u> Is corrected temp 4 +/- 2°C? <u>Yes</u> / No** <small>(Acceptance range for samples requiring thermal pres.)</small>									

10/9/06 EAT

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

FIELD SERVICES / ROUTINE O&M REQUEST

Identification

Project # 38487590 Cost Code: 0033501
 Station # ARCO 0608
 Site Address: 17601 Hesperian Blvd.
 County: San Lorenzo CA
 Project Manager: Donna Cospier (874-3019)
 Lead Engineer: Amber Budd (874-1769)
 Client: BP
 Client P.O.C.: Paul Supple
 Revision Date: 2/13/2006
 Laboratory: Sequoia

Site Remedial Technologies : Groundwater Extraction (GWE)

Permit Type : POTW

Complete attached Data Sheets as prescribed in the following table:

Scheduling Table

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

Monthly = once a month during week 1

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

Comments:

Departure Check:

Sample Ports Closed: Yes No
 Gate Locked: Yes No
 System Controls in Auto Mode: Yes No

System Under Compliance:

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

Field Technician Response:

Completed by: R. MURRAY Date: 10/9/06
 Arrival time: 9:00 Departure time: 10:15
 Sample this visit?: YES / MONTHLY Engineer contacted? NO

Date: 10/9/06

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

System Description:

Groundwater Extraction Wells

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

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

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

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

System on upon arrival? Y65 (if no, specify reason in comments)
 System on departure? Y65 (if no, specify reason in comments)
 Filter Changed? NO

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4732140	
ELECTRIC METER READING (kWh)	49263	N/A
Hour Meter Reading (hrs)	330140	N/A
FILTER INLET PRESSURE (psig)	(Change filter if pressure > 30 psig) <u>12</u>	After changing filter =
CARBON #1 INLET PRESSURE (psig)	(Backflush if pressure > 20 psig) <u>4</u>	After backflush =
CARBON #2 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) <u>5</u>	After backflush =
CARBON #3 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) <u>4.5</u>	After backflush =
DISCHARGE PRESSURE (psig)	<u>0</u>	
EFF FLOW RATE (gpm)	<u>0.20 gpm</u>	

PART B: COMMENTS

PART C: WELL DATA (Monthly)

* Allow system to run 1 hour before obtaining DTW readings

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

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

Sample	Analytes	Volume/Concentration	Comments
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14-day TAT	3X40 mL HCl VOA's	YBS
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14-day TAT	3X40 mL HCl VOA's	YBS
MID 2	GRO/BTEX /Fuel Oxys, EPA 8260, 14-day TAT	3X40 mL HCl VOA's	YBS
EFFLUENT	GRO/BTEX /Fuel Oxys (EPA 8260), COD (410.4), TSS (160.2), 14-day TAT	3X40 mL HCl VOA's, 1unpreserved, 1 H ₂ SO ₄	YB
TRIP BLANK	GRO/BTEX, EPA 8260 (on Hold)	3X40 mL VOA supplied by the lab	YB

PART E: SYSTEM MAINTENANCE (Every Visit)

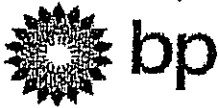
Sump Pump Tested?	N/A	Enclosure Swept?	YBS
Test Compound Float Switch?	YBS	Test Filter Pressure Switch?	YBS
Air Solenoid Valve?	N/A	Number of Spare Filters On Site?	0

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

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

PART G: READINGS (Monthly during week 1)

	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
EFFLUENT	7.54	20.1	150 ^{us/cm}	5.25
permit limits:	5.5 to 12.5	150°F	0.705	



Chain of Custody Record

Project Name: Station 608 - O&M - Remediation
 BP BU/AR Region/Enfos Segment: Retail
 State or Lead Regulatory Agency: Oro Loma Sanitary District
 Requested Due Date (mm/dd/yy): 10/9/06
 (14- day TAT)

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

Lab Name: Sequoia Analytical (Morgan Hill)	BP/AR Facility No.: Station 608	Consultant/Contractor: URS Oakland
Lab Address: 885 Jarvis Drive Morgan Hill, CA	BP/AR Facility Address: 17601 Hesperian Blvd, San Lorenzo	Address: 1333 Broadway, Suite 800 Oakland CA 94612
Lab PM: Lisa Race	Site Lat/Long: 37.673888 / -122.123	Consultant/Contractor Project No.: 38487590
Tele/Fax: 408-782-8156/408-782-6308	California Global ID No.: T000100085	Consultant/Contractor PM: Alok Kolekar
BP/AR PM Contact: Paul Supple	Enfos Project No.: G0C24-0012	Tele/Fax: 510.893.3600/510.874.3268
Address: P.O. Box 6549	Provision or RCOP: Provision	Report Type & QC Level: Level 1 and EDF
Moraga CA 94570	Phase/WBS: 03 - O&M	E-mail BDD To: alok_kolekar@urscorp.com, amber_budd@urscorp.com, bpedt@broadbentinc.com
Tele/Fax: 925.299.8891/925.299.8872	Sub Phase/Task: 03 - Analytical	Invoice to: Consultant or BP or Atlantic Richfield Co. (circle one)
	Cost Element: 05 - Subcontractor Costs	

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis				Sample Point Lat/Long and Comments		
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	BTEX/Oxy/TPH (\$260)	COD (410.4)	TSS (160.2)				
1	INF	9:34	10/1/06	X				3			X									
2	MID-1	9:40	↓	X				3			X									
3	MID-2	9:55		X				3			X									
4	EFPL	9:50		X				3			X									
5	EFPL	9:50		X				1	X					X						
6	EFPL	9:50		X				1	X					X						
7	TRIP BLANK	9:00		X				3				X								HOLD
8																				
9																				
10																				

Sampler's Name: <u>RICHARD MULLAY</u>	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: <u>URS CORP.</u>	<i>[Signature]</i>	10/1/06	13:49	<i>[Signature]</i>	10/1/06	13:48
Shipment Date:						
Shipment Method:						
Shipment Tracking No:						

Special Instructions:

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

FIELD SERVICES / ROUTINE O&M REQUEST

Identification

Project # 38487590 Cost Code: 0033501
 Station # ARCO 0608
 Site Address: 17601 Hesperian Blvd.
 County: San Lorenzo CA
 Project Manager: Donna Coper (874-3019)
 Lead Engineer: Amber Budd (874-1769)
 Client: BP
 Client P.O.C.: Paul Supple
 Revision Date: 2/13/2006
 Laboratory: Sequoia

Site Remedial Technologies : Groundwater Extraction (GWE)

Permit Type : POTW

Complete attached Data Sheets as prescribed in the following table:

Scheduling Table

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

Monthly = once a month during week 1

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

Comments:

Departure Check:

Sample Ports Closed: Yes No
 Gate Locked: Yes No
 System Controls in Auto Mode: Yes No

System Under Compliance:

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

Field Technician Response:

Completed by: R. MURDOCK Date: 10/26/06
 Arrival time: 17:30 Departure time: 15:15
 Sample this visit?: NO Engineer contacted? NO

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

Date: 10/28/06

System Description:

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

Abatement Device:

Carbon Vessels: three ASC-2,400 lbs

Equipment Required:

Filter: Rosedale P2 25 micron
 pH meter, conductivity and temp meter, water level meter

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

System on upon arrival?

Yes (if no, specify reason in comments)

System on departure?

Yes (if no, specify reason in comments)

Filter Changed?

No

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4732.179	
ELECTRIC METER READING (kWh)	49501	N/A
Hour Meter Reading (hrs)	49501 hr 33926.4	N/A
FILTER INLET PRESSURE (psig)	(Change filter if pressure > 30 psig) 20	After changing filter =
CARBON #1 INLET PRESSURE (psig)	(Backflush if pressure > 20 psig) 3	After backflush =
CARBON #2 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 4	After backflush =
CARBON #3 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 3	After backflush =
DISCHARGE PRESSURE (psig)	0	
EFF FLOW RATE (gpm)	0.20 GPM	

PART B: COMMENTS

PART C: WELL DATA (Monthly)

* Allow system to run 1 hour before obtaining DTW readings

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

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

LOCATION	ANALYTES	ANALYSIS FREQUENCY	ANALYSIS METHOD
INFLUENT	GRO/BTEX /Fuel Oxy, EPA 8160, 14-day TAT		
MID 1	GRO/BTEX /Fuel Oxy, EPA 8260, 14-day TAT	3X40 mL HCl VOA's	
MID 2	GRO/BTEX /Fuel Oxy, EPA 8260, 14-day TAT	3X40 mL HCl VOA's	
EFFLUENT	GRO/BTEX /Fuel Oxy (EPA 8260), COD (410A), TSS (160.2), 14-day TAT	3X40 mL HCl VOA's 3X40 mL HCl VOA's, 1unpreserved, 1 H ₂ SO ₄	
TRIP BLANK	GRO/BTEX, EPA 8260 (on Hold)	3X40 mL VOA supplied by the lab	

PART E: SYSTEM MAINTENANCE (Every Visit)

Sump Pump Tested?	N/A	Enclosure Swept?	
Test Compound Float Switch?	Y/S	Test Filter Pressure Switch?	Y/S
Air Solenoid Valve?	N/O	Number of Spare Filters On Site?	0

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

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

PART G: READINGS (Monthly during week 1)

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



December 8, 2006

Mr. Jeff Carson
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, CA 94580

Re: Monthly Discharge Report – November 2006
Discharge Permit #SDP-037
ARCO Service Station #0608
17601 Hesperian Boulevard
San Lorenzo, California
State ID #779

Dear Mr. Carson:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is operating a groundwater extraction and treatment (GWET) system at the above-referenced site. This letter transmits GWET system operational data for the period from October 26, 2006, through November 10, 2006 (Tables 1 and 2). Operational parameters are summarized below.

<i>Treatment System Status:</i>	<i>Operational through 11/10/06</i>
<i>Reporting Period:</i>	10/26/06 to 11/10/06
<i>Volume Discharged this period:</i>	1 gallon
<i>Effluent pH Reading:</i>	7.03
<i>Average Flow Rate this period:</i>	0.00 gpm
<i>Analytical Report:</i>	Attachment A
<i>O & M Field Information:</i>	Attachment B

DISCUSSION:

Monthly compliance samples were collected on November 10, 2006, from the influent water stream (INF), between the first and second carbon vessel (MID-1), between the second and third carbon vessel (MID-2), and from the effluent (EFF). The samples were analyzed for gasoline range organics, benzene, toluene, ethylbenzene, total xylenes, and fuel additives by EPA Method 8260B.

During the November 10, 2006, compliance sampling event, the INF sample detected methyl tert-butyl ether (MTBE) at a concentration of 6.6 micrograms per liter ($\mu\text{g/L}$). The MID-2 sample detected MTBE at 3.7 $\mu\text{g/L}$. No other fuel components were detected at or above their respective laboratory reporting limits in November.

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



The December 2006 Monthly Discharge Report will be submitted no later than January 10, 2007. If you have any questions regarding this project or require further information, please do not hesitate to call Alok Kolekar at 510-874-3152.

Sincerely,

URS CORPORATION

Alok D. Kolekar, P.E.
Project Manager

Attachments: Table 1 - Treatment System Metered Volume
Table 2 - Treatment System Analytical Data
Attachment A - Certified Analytical Report and Chain-of-Custody
Documentation
Attachment B - Operation and Maintenance Field Logs

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Mr. Chuck Headlee, Regional Water Quality Control Board – electronic copy uploaded to ftp
server and GeoTracker
Mr. Rob Miller, President, Broadbent & Associates, Inc., electronic copy uploaded to ENFOS
Mr. Jay Johnson, Stratus, Inc., electronic copy uploaded to ENFOS

Table I
Treatment System Metered Volume
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Meter Reading Date	Hour Meter Reading (Hrs)		Total (hrs)	System Downtime (%) ^(a)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
06/05/00	29,593	a		96.64	979,800	3,200	3,200	2.1
06/19/00	29,896			9.82	1,052,390	72,590	75,790	4.0
06/28/00	30,062			22.96	1,082,340	29,950	105,740	3.0
07/08/00	30,352			0.00	1,131,560	49,220	154,960	2.8
07/26/00	30,749			8.10	1,196,420	64,860	219,820	2.7
08/07/00	30,955			28.47	1,228,020	31,600	251,420	2.6
08/29/00	31,309			32.90	1,276,650	48,630	300,050	2.3
09/08/00	31,528			8.87	1,306,300	29,650	329,700	2.3
09/28/00	32,011			0.00	1,368,410	62,110	391,810	2.1
10/28/00	32,638			12.85	1,444,183	75,773	467,583	2.0
11/30/00	33,399			3.96	1,534,960	90,777	558,360	2.0
12/28/00	33,761			46.15	1,576,520	41,560	599,920	1.9
01/04/01	33,924			2.80	1,595,340	18,820	618,740	1.9
02/06/01	34,556			20.15	1,672,330	76,990	695,730	2.0
03/08/01	34,776			69.50	1,698,860	26,530	722,260	2.0
03/24/01	35,088			18.67	1,741,170	42,310	764,570	2.3
04/05/01	35,310			22.99	1,767,530	26,360	790,930	2.0
04/18/01	35,335			92.15	1,770,860	3,330	794,260	2.3
05/04/01	35,716			0.81	1,812,690	41,830	836,090	1.8
06/09/01	36,345			27.13	1,879,710	67,020	903,110	1.8
07/05/01	36,469	b		80.10	1,897,180	17,470	920,580	2.3
07/28/01	36,821			36.29	1,928,250	31,070	951,650	1.5
08/14/01	36,822	c		99.80	1,928,510	260	951,910	5.4
09/05/01	37,219			24.81	1,977,050	48,540	1,000,450	2.0
10/05/01	37,932			0.94	2,040,950	63,900	1,064,350	1.5
11/13/01	38,820			5.15	2,119,670	78,720	1,143,070	1.5
12/11/01	39,496			0.00	2,186,530	66,860	1,209,930	1.6
01/04/02	40,063			1.60	2,248,700	62,170	1,272,100	1.8
01/31/02	40,716			0.00	2,321,310	72,610	1,344,710	1.9
02/05/02	40,830			5.33	2,333,090	11,780	1,356,490	1.7
02/25/02	40,831			99.62	2,333,270	180	1,356,670	1.7
03/05/02	40,968			29.01	2,353,460	20,190	1,376,860	2.5
04/08/02	41,735			5.96	2,448,360	94,900	1,471,760	2.1
05/04/02	42,362			0.00	2,487,090	38,730	1,510,490	1.0
05/31/02	42,832	d		27.47	2,503,380	16,290	1,526,780	0.6
08/19/02	44,925			0.00	2,520,289	16,909	1,543,689	0.1
10/03/02	44,956	e		97.11	2,520,582	293	1,543,982	N/A
10/07/02	44,956	e		100.00	2,522,394	1,812	1,545,794	N/A
10/24/02	44,956	e		100.00	2,527,898	5,504	1,551,298	N/A
11/07/02	0	f	44,956	-	2,527,925	27	1,551,325	N/A
11/21/02	336		45,292	0.00	2,527,945	20	1,551,345	0.00
12/05/02	479	g	45,435	57.71	2,528,113	168	1,551,513	0.02
12/18/02	788	g	45,744	0.90	2,555,895	27,782	1,579,295	1.50
01/03/02	1,174	g	46,130	100.00	2,591,359	35,464	1,614,759	1.53

Table 1
Treatment System Metered Volume
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Meter Reading Date	Hour Meter Reading (Hrs)		Total (hrs)	System Downtime (%) ^(a)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
01/16/03	1,486	g	46,442	96.56	2,625,812	34,453	1,649,212	1.84
02/13/03	2,156	g	47,112	0.36	2,692,710	66,898	1,716,110	1.67
03/13/03	2,832		47,788	0.00	2,758,948	66,238	1,782,348	1.63
03/27/03	3,165		48,121	0.71	2,790,668	31,720	1,814,068	1.58
04/10/03	3,500		48,456	0.27	2,828,060	37,392	1,851,460	1.86
04/24/03	3,837		48,793	0.00	2,865,050	36,990	1,888,450	1.83
05/08/03	4,172		49,128	0.36	2,900,937	35,887	1,924,337	1.79
05/22/03	4,459	h	49,415	14.46	2,931,190	30,253	1,954,590	1.75
05/30/03	4,459	i	49,415	100.00	2,931,190	0	1,954,590	0.00
06/05/03	4,606		49,562	0.00	2,946,180	14,990	1,969,580	1.69
06/19/03	4,940		49,896	0.77	2,971,985	25,805	1,995,385	1.29
07/11/03	4,940		49,896	100.00	2,971,985	0	1,995,385	0.00
07/24/03	5,331		50,287	0.00	2,972,362	377	1,995,762	0.02
08/14/03	5,831		50,787	0.95	3,013,517	41,532	2,036,917	0.78
08/28/03	6,165		51,121	0.51	3,040,900	27,383	2,064,300	1.37
09/11/03	6,503		51,459	0.00	3,067,641	26,741	2,091,041	1.32
09/25/03	6,838		51,794	0.21	3,095,020	27,379	2,118,420	1.36
10/09/03	7,176		52,132	0.00	3,122,624	81,724	2,146,024	1.35
10/23/03	7,512		52,468	0.00	3,149,200	26,576	2,172,600	1.32
11/06/03	N/A	l	N/A	N/A	N/A	N/A	N/A	N/A
11/20/03	8,182		53,138	0.33	3,204,612	55,412	2,228,012	1.38
12/04/03	8,518		53,474	0.00	3,233,956	29,344	2,201,944	0.49
12/18/03	8,851		53,807	1.07	3,264,487	30,531	2,232,475	1.53
01/08/04	9,356		54,312	0.00	3,312,485	47,998	2,276,010	1.58
01/22/04	9,690		54,646	0.68	3,344,994	32,509	2,308,519	1.62
02/05/04	10,026		54,982	0.06	3,377,510	32,516	2,341,035	1.61
02/19/04	10,357		55,313	1.58	3,410,457	32,947	2,373,982	1.66
03/04/04	10,695		55,651	0.00	3,446,501	36,044	2,410,026	1.77
03/18/04	11,030		55,986	0.33	3,480,890	34,389	2,444,415	1.71
04/07/04	11,509		56,465	0.23	3,524,179	43,289	2,487,704	1.51
04/22/04	11,869		56,825	0.03	3,552,144	27,965	2,515,669	1.30
05/06/04	12,206		57,162	0.00	3,579,927	27,783	2,543,452	1.37
05/19/04	12,522		57,478	0.00	3,607,015	27,088	2,570,540	1.43
06/02/04	12,853		57,809	1.34	3,635,580	28,565	2,599,105	1.44
06/16/04	13,198		58,154	0.00	3,664,594	29,014	2,628,119	1.40
07/08/04	13,715		58,671	2.14	3,708,440	43,846	2,671,965	1.41
07/22/04	14,050		59,006	0.18	3,736,245	27,805	2,699,770	1.38
08/12/04	14,554		59,510	0.10	3,777,215	40,970	2,740,740	1.36
08/26/04	14,890		59,846	0.00	3,803,030	25,815	2,766,555	1.28
09/02/04	15,058		60,014	0.00	3,811,977	8,947	2,775,502	0.89
09/16/04	15,394		60,350	0.09	3,832,211	20,234	2,795,736	1.00
10/07/04	15,902		60,858	0.00	3,867,732	35,521	2,831,257	1.17
10/21/04	16,235		61,191	0.65	3,891,217	23,485	2,854,742	1.17

Table 1
Treatment System Metered Volume
ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Meter Reading Date	Hour Meter Reading (Hrs)		Total (hrs)	System Downtime (%) ^(a)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
11/04/04	16,572		61,528	0.00	3,917,240	26,023	2,880,765	1.29
11/18/04	16,908		61,864	0.00	3,942,990	25,750	2,906,515	1.28
12/02/04	17,242		62,198	0.57	3,967,880	24,890	2,931,405	1.24
12/16/04	17,579		62,535	0.00	3,994,102	26,222	2,957,627	1.30
12/30/04	17,915		62,871	0.00	4,020,937	26,835	2,984,462	1.33
01/05/05	18,062		63,018	0.00	4,033,820	12,883	2,997,345	1.46
01/19/05	18,396		63,352	0.63	4,063,602	29,782	3,027,127	1.49
02/02/05	18,734		63,690	0.00	4,091,628	28,026	3,055,153	1.38
02/16/05	19,068		64,024	0.45	4,117,922	26,294	3,081,447	1.31
03/02/05	19,406		64,362	0.00	4,146,956	29,034	3,110,481	1.43
03/16/05	19,741		64,697	0.36	4,175,328	28,372	3,138,853	1.41
03/30/05	20,072		65,028	1.28	4,203,345	28,017	3,166,870	1.41
04/07/05	20,263		65,219	0.89	4,219,430	16,085	3,182,955	1.41
04/20/05	20,578		65,534	0.00	4,244,807	25,377	3,208,332	1.34
05/04/05	20,915		65,871	0.00	4,269,751	24,944	3,233,276	1.23
05/18/05	21,057		66,013	57.95	4,279,950	10,199	3,243,475	1.20
06/02/05	21,415		66,371	0.53	4,304,727	24,777	3,268,252	1.15
06/15/05	21,728		66,684	0.00	4,325,824	21,097	3,289,349	1.12
06/23/05	N/A		N/A	N/A	4,337,710	11,886	3,301,235	N/A
07/11/05	22,354		67,310	0.00	4,363,217	37,393	3,326,742	1.00
07/26/05	22,468	m	67,424	68.25	4,369,300	6,083	3,332,825	0.89
08/10/05	22,827		67,783	0.22	4,388,486	19,186	3,352,011	0.89
08/25/05	23,184		68,140	0.94	4,407,134	18,648	3,370,659	0.87
09/07/05	23,497		68,453	0.00	4,421,840	14,706	3,385,365	0.78
09/20/05	23,812		68,768	0.00	4,436,511	14,671	3,400,036	0.78
10/04/05	24,150		69,106	0.00	4,451,324	14,813	3,414,849	0.73
10/18/05	24,483		69,439	1.01	4,465,577	14,253	3,429,102	0.71
11/02/05	24,956	n	69,912	0.00	4,480,107	14,530	3,443,632	0.51
11/16/05	25,178		70,134	34.05	4,495,190	15,083	3,458,715	1.13
11/29/05	25,491		70,447	0.00	4,508,180	12,990	3,471,705	0.69
12/13/05	25,825		70,781	0.00	4,523,250	15,070	3,486,775	0.75
12/27/05	26,163		71,119	0.00	4,538,830	15,580	3,502,355	0.77
01/12/06	26,546		71,502	0.26	4,562,040	23,210	3,525,565	1.01
01/24/06	26,835		71,791	0.00	4,577,920	15,880	3,541,445	0.92
02/08/06	27,195		72,151	0.03	4,595,860	17,940	3,559,385	0.83
02/21/06	27,505		72,461	0.61	4,609,460	13,600	3,572,985	0.73
03/06/06	27,816		72,772	0.22	4,621,920	12,460	3,585,445	0.67
03/22/06	28,199		73,155	0.23	4,637,100	15,180	3,600,625	0.66
04/03/06	28,489		73,445	0.00	4,651,630	14,530	3,615,155	0.84

Table 1
Treatment System Metered Volume
ARCO Service Station #0608
17601 Hesperian Boulevard at Hacienda Avenue
San Lorenzo, California

Meter Reading Date	Hour Meter Reading (Hrs)	Total (hrs)	System Downtime (%) ^(k)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
04/17/06	28,827	73,783	0.00	4,669,497	17,867	3,633,022	0.88
05/02/06	N/A	N/A	N/A	4,686,187	16,690	3,649,712	N/A
05/15/06	29,497	74,453	0.30	4,690,347	4,160	3,653,872	0.10
05/30/06	29,855	74,811	0.53	4,694,809	4,462	3,658,334	0.21
06/13/06	30,189	75,145	0.54	4,694,809	0	3,658,334	0.00
06/27/06	30,524	75,480	0.33	4,697,476	2,667	3,661,001	0.13
07/17/06	31,006	75,962	0.00	4,706,984	9,508	3,670,509	0.33
07/26/06	31,225	76,181	0.00	4,711,695	4,711	3,675,220	0.36
08/09/06	31,556	76,512	1.28	4,719,605	7,910	3,683,130	0.40
08/22/06	31,874	76,830	0.00	4,726,757	7,152	3,690,282	0.38
08/29/06	32,036	76,992	3.15	4,730,248	3,491	3,693,773	0.36
09/12/06	32,371	77,327	0.48	4,731,489	1,241	3,695,014	0.06
09/27/06	32,731	77,687	0.00	4,732,102	613	3,695,627	0.03
10/09/06	33,014	77,970	1.67	4,732,140	38	3,695,665	0.00
10/26/06	33,426	78,382	0.00	4,732,179	39	3,695,704	0.00
11/10/06	33,784	78,740	0.00	4,732,180	1	3,695,705	0.00

REPORTING PERIOD:	10/26/06 to 11/10/06
PERIOD AVERAGE FLOW RATE (gpm):	0.00
PERIOD VOLUME DISCHARGED (gallons):	1

hrs = hours

gpm = gallons per minute

N/A = not analyzed/not applicable/not available

Initial 3-hour startup pumping period May 31, 2000

- a. System restarted 6/5/00 (previously ran 9/25/91 - 8/21/95)
- b. System down during construction to main sewer line starting 6/25/01.
- c. System restarted 8/14/01 following completion of construction work.
- d. Hour meter reading not recorded. Estimated hours using last 3 months average.
- e. Hour meter reading not functioning.
- f. Hour meter replaced.
- g. An error in the table has been corrected to show correct flow rate values.
- h. System was down upon arrival due to utility power outage.
- i. System restarted 5/30/03 after power restored to system.
- k. Downtime calculated by the following: $100 - \frac{\text{Hours Running in Period}}{\text{Days in Reporting Period}} \times (24 \text{ hours/day})$
- l. Data from 11/6/03 site visit is unavailable.
- m. During the period of July 11 to July 26, the GWET system tripped an inlet pressure switch and shut down.
- n. Based on previous readings, the hour meter reading on the field data sheets is incorrect.

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

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

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon) (cont.)										
02/06/95	100	2.4	1.1	1.2	2.8	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/04/95	290	6.6	<0.50	10	1.7	---	---	---	---	---
05/02/95	240	7.1	<0.50	3.2	1.6	---	---	---	---	---
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/06/95	270	2.4	<0.50	7.6	1	---	---	---	---	---
08/21/95	230	1.8	<0.50	1.6	0.92	---	---	---	---	---
06/05/00	700	7.24	<1.0	2.11	<1.0	361	---	---	---	---
07/08/00	133	5.09	0.598	<0.50	<0.50	272	---	---	---	---
08/10/00	144	2.8	<0.50	1.04	<0.50	126	---	---	---	---
09/08/00	261	2.74	0.826	0.626	<0.50	120	---	---	---	---
10/10/00	114	<0.50	1.68	0.843	<0.50	<2.5	---	---	---	---
11/07/00	128	<0.50	<0.50	<0.50	<0.50	98.6	---	---	---	---
12/05/00	167	0.775	<0.50	<0.50	<0.50	104	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	86.8	---	---	---	---
02/06/01	203	0.572	<0.50	0.513	<0.50	80.5	---	---	---	---
03/08/01	219	<0.50	6.16	1.21	0.682	81	---	---	---	---
04/18/01	74.5	<0.50	<0.50	<0.50	<0.50	97.5	---	---	---	---
05/04/01	63.3	<0.50	<0.50	<0.50	<0.50	93.2	---	---	---	---
06/09/01	64	<0.50	<0.50	<0.50	<0.50	71	---	---	---	---
07/05/01	100	<0.50	2.5	<0.50	<0.50	430	---	---	---	---
08/14/01	290	2.2	3.5	<1.0	<1.0	870	---	---	---	---
09/05/01	<100	<1.0	<1.0	<1.0	<1.0	340	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	150	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	92	---	---	---	---
12/11/01	65	<0.50	0.58	<0.50	<0.50	83	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	140	---	---	---	---
02/05/02	100	<0.50	<0.50	<0.50	<0.50	190	---	---	---	---
03/05/02	150	<1.2	<1.2	<1.2	<1.2	350	---	---	---	---
04/08/02	400	9.6	<1.0	1.4	<1.0	260	---	---	---	---
05/16/02	310	<1.0	<1.0	<1.0	<1.0	330	---	---	---	---
10/07/02	160	4.1	<1.0	<1.0	<1.0	130	---	---	---	---
11/07/02	250	<0.50	10	0.7	0.77	210	---	---	---	---
12/05/02	220	<1.0	<1.0	<1.0	<1.0	110	---	---	---	---
01/03/03	170	<1.0	<1.0	<1.0	<1.0	140	---	---	---	---
2/13/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	66	---	---	---	---
3/27/03 ¹	110	<0.50	<0.50	<0.50	<0.50	71	---	---	---	---
4/24/03 ¹	120	<0.50	<0.50	<0.50	<0.50	56	---	---	---	---
5/30/03 ¹	20	<0.50	<0.50	<0.50	<0.50	<50	---	---	---	---
06/19/03	160	<0.50	<0.50	<0.50	<0.50	46	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon) (cont.)										
07/24/03	51	<0.50	<0.50	<0.50	<0.50	41 (47) ²	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	30 (40) ²	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	28	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	28 (28) ²	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	22	---	---	---	---
12/18/03	52	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	25	---	---	---	---
03/18/04	<50	<0.50	<0.50	<0.50	<1.0	27	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	25	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
06/16/04	63	<0.50	<0.50	<0.50	<1.0	20	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	23	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	18	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	17	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	14	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
01/19/05	84	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
02/16/05	<50 ³	<0.50	<0.50	<0.50	<1.0	29	---	---	---	---
03/16/05	56 ³	<0.50	<0.50	<0.50	<1.0	21	---	---	---	---
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
05/18/05	82 ³	<0.50	<0.50	<0.50	<1.0	16	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	13	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	9.8	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	8.2	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	9.2	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	11	---	---	---	---
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	16	---	---	---	---
02/08/06	60	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
03/06/06	<50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
04/03/06	<50	<0.50	<0.50	<0.50	<0.50	17	---	---	---	---
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	15	---	---	---	---
07/17/06	<50	<0.50	0.58	<0.50	<0.50	5.7	---	---	---	---
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	4.6	---	---	---	---
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	2.9	---	---	---	---
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
11/10/06	<50	<0.50	<0.50	<0.50	<0.50	6.6	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	---	---	---	---	---	---	---	---	---	---
08/18/92	---	---	---	---	---	---	---	---	---	---
09/15/92	---	---	---	---	---	---	---	---	---	---
10/16/92	---	---	---	---	---	---	---	---	---	---
11/18/92	---	---	---	---	---	---	---	---	---	---
12/17/92	---	---	---	---	---	---	---	---	---	---
01/18/93	---	---	---	---	---	---	---	---	---	---
02/22/93	---	---	---	---	---	---	---	---	---	---
03/15/93	---	---	---	---	---	---	---	---	---	---
04/09/93	---	---	---	---	---	---	---	---	---	---
05/13/93	---	---	---	---	---	---	---	---	---	---
06/04/93	---	---	---	---	---	---	---	---	---	---
07/14/94	ND	ND	ND	ND	ND	---	---	---	---	---
08/17/94	---	---	---	---	---	---	---	---	---	---
09/12/94	---	---	---	---	---	---	---	---	---	---
10/18/94	---	---	---	---	---	---	---	---	---	---
11/05/94	---	---	---	---	---	---	---	---	---	---
12/05/94	---	---	---	---	---	---	---	---	---	---
01/04/95	---	---	---	---	---	---	---	---	---	---
02/06/95	---	---	---	---	---	---	---	---	---	---
03/02/95	---	---	---	---	---	---	---	---	---	---
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons) (cont.)										
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	5.7	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	9	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	26	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	17	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	39	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	58	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	55	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	100	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	51	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	66	---	---	---	---
2/13/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	130	---	---	---	---
3/27/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	120	---	---	---	---
4/24/03 ¹	280	<2.5	<2.5	<2.5	<2.5	110	---	---	---	---
5/30/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	140	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (1.3) ²	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	1.1	---	---	---	---
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	1.2	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.3	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	1.2	---	---	---	---
03/18/04	67	<0.50	<0.50	<0.50	<1.0	1.4	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	1.5	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.3	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	2.0	---	---	---	---
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	1.8	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.6	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	2.0	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	1.5	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons) (cont.)										
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	1.9	---	---	---	---
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
02/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.9	---	---	---	---
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	2.4	---	---	---	---
05/18/05	58 ³	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	3.2	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/08/06	55	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/06/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
04/03/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
07/17/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
11/10/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
MID-2 (between secondary and tertiary carbons)										
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	---	---	---	---	---	---	---	---	---	---
09/08/00	---	---	---	---	---	---	---	---	---	---
10/10/00	---	---	---	---	---	---	---	---	---	---
11/07/00	---	---	---	---	---	---	---	---	---	---
12/05/00	---	---	---	---	---	---	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-2 (between secondary and tertiary carbons) (cont.)										
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.94	---	---	---	---
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5) ²	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/18/04	86	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-2 (between secondary and tertiary carbons) (cont.)										
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	3.2	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	1.6	---	---	---	---
02/08/06	66	<0.50	<0.50	<0.50	<1.0	3.3	---	---	---	---
03/06/06	<50	<0.50 ⁵	<0.50	<0.50	<0.50	3.0	---	---	---	---
04/03/06	<50	<0.50	<0.50	<0.50	<0.50 ⁶	2.6	---	---	---	---
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
07/17/06	<50	<0.50	<0.50	<0.50	<0.50	4.3	---	---	---	---
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	3.4	---	---	---	---
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	5.2	---	---	---	---
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	4.6	---	---	---	---
11/10/06	<50	<0.50	<0.50	<0.50	<0.50	3.7	---	---	---	---
EFFL (effluent to sewer)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
11/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/22/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/09/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/04/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/20/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/16/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (cont.)										
09/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/04/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/06/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/04/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/06/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/21/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	7.19	---
06/12/00	<50	---	---	---	---	---	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	32.1	<10	7.08	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	23.4	<10	6.67	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	29.2	<10	6.82	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.25	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.24	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	44	<10	7.48	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.00	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	10.7	7.03	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.04	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	28.5	<10	7.06	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.31	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.05	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.10	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	14	7.09	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	70	<10	7.07	---

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

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

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (cont.)										
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.56	1.75
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.78	1.24
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.82	1.03
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.91	1.07
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.86	2.33
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.61	2.35
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.59	36.6 ⁴
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	7.3	2.93
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<20	7.2	15.0 ⁴
02/08/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<20	6.82	3.02
03/06/06	<50	<0.50 ⁵	<0.50	<0.50	<0.50	<0.50	<30	<10	6.87	1.12
04/03/06	<50	<0.50	<0.50	<0.50	<0.50 ⁶	0.80	<30	<10	6.78	---
05/02/06	<50	<0.50	<0.50	<0.50	<0.50	---	<30	<10	7.58	4.45
06/13/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.66	4.28
07/17/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.24	3.47
08/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.32	7.26
09/12/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.39	5.24
10/09/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.54	5.25
11/10/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.03	---

SYMBOLS AND ABBREVIATIONS:

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

FOOTNOTES:

- 1 =Analyzed with EPA Method 8260
- 2 =MTBE concentration analyzed by EPA methods 8021B and 8260B (Results of EPA Method 8260 shown in parenthesis).
- 3= Quantity of unknown hydrocarbon(s) in sample based on gasoline.
- 4 = Value appears to be anomalous
- 5 = Possible high bias due to CCV falling outside acceptance criteria
- 6 = Analyte present in the method blank

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
--------------	------------------	----------------	----------------	----------------------	----------------	-------------	------------	------------	------------	-----------

NOTES:

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

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

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

ATTACHMENT A

**CERTIFIED ANALYTICAL REPORT
AND CHAIN-OF-CUSTODY DOCUMENTATION**

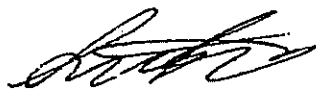
22 November, 2006

Alok Kolekar
URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland, CA 94612

RE: ARCO #0608, San Lorenzo, CA
Work Order: MPK0369

Enclosed are the results of analyses for samples received by the laboratory on 11/11/06 08:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Race
Senior Project Manager

CA ELAP Certificate # 1210

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

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: GOC24-0012
Project Manager: Alok Kolekar

MPK0369
Reported:
11/22/06 15:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
INF	MPK0369-01	Water	11/10/06 10:05	11/11/06 08:30
MID-1	MPK0369-02	Water	11/10/06 10:00	11/11/06 08:30
MID-2	MPK0369-03	Water	11/10/06 09:55	11/11/06 08:30
EFFL	MPK0369-04	Water	11/10/06 09:50	11/11/06 08:30
TRIP BLANK	MPK0369-05	Water	11/10/06 09:00	11/11/06 08:30

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

These samples were received with intact custody seals.

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0012 Project Manager: Alok Kolekar	MPK0369 Reported: 11/22/06 15:08
---	---	--

**Total Purgeable Hydrocarbons by GC/MS (CA LUFT)
TestAmerica - Morgan Hill, CA**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
INF (MPK0369-01) Water Sampled: 11/10/06 10:05 Received: 11/11/06 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6K13016	11/13/06	11/14/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		87 %	60-145		"	"	"	"	
MID-1 (MPK0369-02) Water Sampled: 11/10/06 10:00 Received: 11/11/06 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6K13016	11/13/06	11/14/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		87 %	60-145		"	"	"	"	
MID-2 (MPK0369-03) Water Sampled: 11/10/06 09:55 Received: 11/11/06 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6K14028	11/14/06	11/15/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		96 %	60-145		"	"	"	"	
EFFL (MPK0369-04) Water Sampled: 11/10/06 09:50 Received: 11/11/06 08:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	6K14028	11/14/06	11/15/06	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		94 %	60-145		"	"	"	"	

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: ARCO #0608, San Lorenzo, CA Project Number: GOC24-0012 Project Manager: Alok Kolekar	MPK0369 Reported: 11/22/06 15:08
---	---	--

Volatile Organic Compounds by EPA Method 8260B
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

INF (MPK0369-01) Water Sampled: 11/10/06 10:05 Received: 11/11/06 08:30

tert-Amyl methyl ether	ND	0.50	ug/l	1	6K13016	11/13/06	11/14/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	6.6	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		88 %		75-130	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87 %		60-145	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		90 %		70-130	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		88 %		60-120	"	"	"	"	

MID-1 (MPK0369-02) Water Sampled: 11/10/06 10:00 Received: 11/11/06 08:30

tert-Amyl methyl ether	ND	0.50	ug/l	1	6K13016	11/13/06	11/14/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	IC
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		90 %		75-130	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87 %		60-145	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		91 %		70-130	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86 %		60-120	"	"	"	"	

TestAmerica - Morgan Hill, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0012
Project Manager: Alok Kolekar

MPK0369
Reported:
11/22/06 15:08

Volatile Organic Compounds by EPA Method 8260B TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
MID-2 (MPK0369-03) Water Sampled: 11/10/06 09:55 Received: 11/11/06 08:30										
tert-Amyl methyl ether	ND	0.50		ug/l	1	6K14028	11/14/06	11/15/06	EPA 8260B	
Benzene	ND	0.50		"	"	"	"	"	"	
tert-Butyl alcohol	ND	20		"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50		"	"	"	"	"	"	
Ethanol	ND	300		"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	ND	0.50		"	"	"	"	"	"	
Methyl tert-butyl ether	3.7	0.50		"	"	"	"	"	"	
Toluene	ND	0.50		"	"	"	"	"	"	
Xylenes (total)	ND	0.50		"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		94 %		75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96 %		60-145		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96 %		70-130		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92 %		60-120		"	"	"	"	
EFFL (MPK0369-04) Water Sampled: 11/10/06 09:50 Received: 11/11/06 08:30										
tert-Amyl methyl ether	ND	0.50		ug/l	1	6K14028	11/14/06	11/15/06	EPA 8260B	
Benzene	ND	0.50		"	"	"	"	"	"	
tert-Butyl alcohol	ND	20		"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50		"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50		"	"	"	"	"	"	
Ethanol	ND	300		"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Ethylbenzene	ND	0.50		"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50		"	"	"	"	"	"	
Toluene	ND	0.50		"	"	"	"	"	"	
Xylenes (total)	ND	0.50		"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		93 %		75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94 %		60-145		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		96 %		70-130		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91 %		60-120		"	"	"	"	

TestAmerica - Morgan Hill, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0012
Project Manager: Alok Kolekar

MPK0369
Reported:
11/22/06 15:08

Conventional Chemistry Parameters by APHA/EPA Methods
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MPK0369-04) Water Sampled: 11/10/06 09:50 Received: 11/11/06 08:30									
Chemical Oxygen Demand	ND	30000	ug/l	1	6K21025	11/20/06	11/21/06	EPA 410.4	
Total Suspended Solids	ND	10000	"	"	6K15042	11/15/06	11/15/06	EPA 160.2	

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0012 Project Manager: Alok Kolekar	MPK0369 Reported: 11/22/06 15:08
---	---	--

Total Purgeable Hydrocarbons by GC/MS (CA LUFT) - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6K13016 - EPA 5030B P/T / LUFT GCMS

Blank (6K13016-BLK1)		Prepared: 11/13/06 Analyzed: 11/14/06								
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.13		"	2.50		85	60-145			
Laboratory Control Sample (6K13016-BS2)		Prepared & Analyzed: 11/13/06								
Gasoline Range Organics (C4-C12)	404	50	ug/l	440		92	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.14		"	2.50		86	60-145			
Laboratory Control Sample Dup (6K13016-BSD2)		Prepared & Analyzed: 11/13/06								
Gasoline Range Organics (C4-C12)	400	50	ug/l	440		91	75-140	1	20	
Surrogate: 1,2-Dichloroethane-d4	2.15		"	2.50		86	60-145			

Batch 6K14028 - EPA 5030B P/T / LUFT GCMS

Blank (6K14028-BLK1)		Prepared & Analyzed: 11/14/06								
Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.34		"	2.50		94	60-145			
Laboratory Control Sample (6K14028-BS2)		Prepared & Analyzed: 11/14/06								
Gasoline Range Organics (C4-C12)	427	50	ug/l	440		97	75-140			
Surrogate: 1,2-Dichloroethane-d4	2.22		"	2.50		89	60-145			
Laboratory Control Sample Dup (6K14028-BSD2)		Prepared & Analyzed: 11/14/06								
Gasoline Range Organics (C4-C12)	432	50	ug/l	440		98	75-140	1	20	
Surrogate: 1,2-Dichloroethane-d4	2.28		"	2.50		91	60-145			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: GOC24-0012
Project Manager: Alok Kolekar

MPK0369
Reported:
11/22/06 15:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6K13016 - EPA 5030B P/T / EPA 8260B

Blank (6K13016-BLK1)

Prepared: 11/13/06 Analyzed: 11/14/06

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
<i>Surrogate: Dibromofluoromethane</i>	2.19		"	2.50		88	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.13		"	2.50		85	60-145			
<i>Surrogate: Toluene-d8</i>	2.18		"	2.50		87	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.17		"	2.50		87	60-120			

Laboratory Control Sample (6K13016-BS1)

Prepared & Analyzed: 11/13/06

tert-Amyl methyl ether	20.3	0.50	ug/l	20.0		102	65-135			
Benzene	21.4	0.50	"	20.0		107	70-125			
tert-Butyl alcohol	379	20	"	400		95	60-135			
Di-isopropyl ether	19.5	0.50	"	20.0		98	70-130			
1,2-Dibromoethane (EDB)	22.2	0.50	"	20.0		111	80-125			
1,2-Dichloroethane	22.3	0.50	"	20.0		112	75-125			
Ethanol	317	300	"	400		79	15-150			
Ethyl tert-butyl ether	20.5	0.50	"	20.0		102	65-130			
Ethylbenzene	22.7	0.50	"	20.0		114	70-130			
Methyl tert-butyl ether	20.8	0.50	"	20.0		104	50-140			
Toluene	22.1	0.50	"	20.0		110	70-120			
Xylenes (total)	67.5	0.50	"	60.0		112	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.23		"	2.50		89	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.16		"	2.50		86	60-145			
<i>Surrogate: Toluene-d8</i>	2.29		"	2.50		92	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.18		"	2.50		87	60-120			

TestAmerica - Morgan Hill, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: GOC24-0012
Project Manager: Alok Kolekar

MPK0369
Reported:
11/22/06 15:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6K13016 - EPA 5030B P/T / EPA 8260B

Matrix Spike (6K13016-MS1)		Source: MPK0332-05			Prepared & Analyzed: 11/13/06					
tert-Amyl methyl ether	50.2	2.5	ug/l	50.0	ND	100	65-135			
Benzene	210	2.5	"	50.0	170	80	70-125			
tert-Butyl alcohol	2580	100	"	1000	1700	88	60-135			
Di-isopropyl ether	48.8	2.5	"	50.0	ND	98	70-130			
1,2-Dibromoethane (EDB)	56.0	2.5	"	50.0	ND	112	80-125			
1,2-Dichloroethane	59.2	2.5	"	50.0	ND	118	75-125			
Ethanol	502	1500	"	1000	ND	50	15-150			
Ethyl tert-butyl ether	51.0	2.5	"	50.0	ND	102	65-130			
Ethylbenzene	130	2.5	"	50.0	85	90	70-130			
Methyl tert-butyl ether	65.0	2.5	"	50.0	12	106	50-140			
Toluene	67.6	2.5	"	50.0	12	111	70-120			
Xylenes (total)	232	2.5	"	150	74	105	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.29		"	2.50		92	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.25		"	2.50		90	60-145			
<i>Surrogate: Toluene-d8</i>	2.37		"	2.50		95	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.23		"	2.50		89	60-120			

Matrix Spike Dup (6K13016-MSD1)		Source: MPK0332-05			Prepared & Analyzed: 11/13/06					
tert-Amyl methyl ether	50.2	2.5	ug/l	50.0	ND	100	65-135	0	25	
Benzene	207	2.5	"	50.0	170	74	70-125	1	15	
tert-Butyl alcohol	2560	100	"	1000	1700	86	60-135	0.8	35	
Di-isopropyl ether	47.8	2.5	"	50.0	ND	96	70-130	2	35	
1,2-Dibromoethane (EDB)	54.8	2.5	"	50.0	ND	110	80-125	2	15	
1,2-Dichloroethane	58.2	2.5	"	50.0	ND	116	75-125	2	10	
Ethanol	537	1500	"	1000	ND	54	15-150	7	35	
Ethyl tert-butyl ether	50.3	2.5	"	50.0	ND	101	65-130	1	35	
Ethylbenzene	130	2.5	"	50.0	85	90	70-130	0	15	
Methyl tert-butyl ether	63.4	2.5	"	50.0	12	103	50-140	2	25	
Toluene	66.4	2.5	"	50.0	12	109	70-120	2	15	
Xylenes (total)	234	2.5	"	150	74	107	80-125	0.9	15	
<i>Surrogate: Dibromofluoromethane</i>	2.22		"	2.50		89	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.13		"	2.50		85	60-145			
<i>Surrogate: Toluene-d8</i>	2.37		"	2.50		92	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.30		"	2.50		92	60-120			

TestAmerica - Morgan Hill, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0012
Project Manager: Alok Kolekar

MPK0369
Reported:
11/22/06 15:08

Volatile Organic Compounds by EPA Method 8260B - Quality Control TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6K14028 - EPA 5030B P/T / EPA 8260B

Blank (6K14028-BLK1)

Prepared & Analyzed: 11/14/06

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
<i>Surrogate: Dibromofluoromethane</i>	2.32		"	2.50		93	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.34		"	2.50		94	60-145			
<i>Surrogate: Toluene-d8</i>	2.40		"	2.50		96	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.34		"	2.50		94	60-120			

Laboratory Control Sample (6K14028-BS1)

Prepared & Analyzed: 11/14/06

tert-Amyl methyl ether	11.2	0.50	ug/l	10.0		112	65-135			
Benzene	10.0	0.50	"	10.0		100	70-125			
tert-Butyl alcohol	196	20	"	200		98	60-135			
Di-isopropyl ether	10.1	0.50	"	10.0		101	70-130			
1,2-Dibromoethane (EDB)	10.5	0.50	"	10.0		105	80-125			
1,2-Dichloroethane	9.78	0.50	"	10.0		98	75-125			
Ethanol	189	300	"	200		94	15-150			
Ethyl tert-butyl ether	10.5	0.50	"	10.0		105	65-130			
Ethylbenzene	10.4	0.50	"	10.0		104	70-130			
Methyl tert-butyl ether	10.7	0.50	"	10.0		107	50-140			
Toluene	10.0	0.50	"	10.0		100	70-120			
Xylenes (total)	31.2	0.50	"	30.0		104	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.48		"	2.50		99	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.39		"	2.50		96	60-145			
<i>Surrogate: Toluene-d8</i>	2.45		"	2.50		98	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.48		"	2.50		99	60-120			

TestAmerica - Morgan Hill, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: ARCO #0608, San Lorenzo, CA Project Number: GOC24-0012 Project Manager: Alok Kolekar	MPK0369 Reported: 11/22/06 15:08
---	---	--

Volatile Organic Compounds by EPA Method 8260B - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6K14028 - EPA 5030B P/T / EPA 8260B

Matrix Spike (6K14028-MS1)		Source: MPK0376-06			Prepared: 11/14/06 Analyzed: 11/15/06					
tert-Amyl methyl ether	12.9	0.50	ug/l	10.0	ND	129	65-135			
Benzene	12.7	0.50	"	10.0	ND	127	70-125			LM
tert-Butyl alcohol	238	20	"	200	ND	119	60-135			
Di-isopropyl ether	12.8	0.50	"	10.0	ND	128	70-130			
1,2-Dibromoethane (EDB)	12.7	0.50	"	10.0	ND	127	80-125			LM
1,2-Dichloroethane	12.6	0.50	"	10.0	ND	126	75-125			LM
Ethanol	247	300	"	200	ND	124	15-150			
Ethyl tert-butyl ether	12.8	0.50	"	10.0	ND	128	65-130			
Ethylbenzene	13.0	0.50	"	10.0	ND	130	70-130			
Methyl tert-butyl ether	12.9	0.50	"	10.0	ND	129	50-140			
Toluene	12.6	0.50	"	10.0	ND	126	70-120			LM
Xylenes (total)	38.5	0.50	"	30.0	ND	128	80-125			LM
Surrogate: Dibromofluoromethane	2.46		"	2.50		98	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.46		"	2.50		98	60-145			
Surrogate: Toluene-d8	2.44		"	2.50		98	70-130			
Surrogate: 4-Bromofluorobenzene	2.43		"	2.50		97	60-120			

Matrix Spike Dup (6K14028-MSD1)		Source: MPK0376-06			Prepared: 11/14/06 Analyzed: 11/15/06					
tert-Amyl methyl ether	13.0	0.50	ug/l	10.0	ND	130	65-135	0.8	25	
Benzene	12.3	0.50	"	10.0	ND	123	70-125	3	15	
tert-Butyl alcohol	231	20	"	200	ND	116	60-135	3	35	
Di-isopropyl ether	12.6	0.50	"	10.0	ND	126	70-130	2	35	
1,2-Dibromoethane (EDB)	12.8	0.50	"	10.0	ND	128	80-125	0.8	15	LM
1,2-Dichloroethane	12.6	0.50	"	10.0	ND	126	75-125	0	10	LM
Ethanol	246	300	"	200	ND	123	15-150	0.4	35	
Ethyl tert-butyl ether	12.5	0.50	"	10.0	ND	125	65-130	2	35	
Ethylbenzene	12.4	0.50	"	10.0	ND	124	70-130	5	15	
Methyl tert-butyl ether	12.9	0.50	"	10.0	ND	129	50-140	0	25	
Toluene	12.1	0.50	"	10.0	ND	121	70-120	4	15	LM
Xylenes (total)	36.6	0.50	"	30.0	ND	122	80-125	5	15	
Surrogate: Dibromofluoromethane	2.48		"	2.50		99	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.52		"	2.50		101	60-145			
Surrogate: Toluene-d8	2.46		"	2.50		98	70-130			
Surrogate: 4-Bromofluorobenzene	2.43		"	2.50		97	60-120			

TestAmerica - Morgan Hill, CA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

URS Corporation [Arco] 1333 Broadway, Suite 800 Oakland CA, 94612	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0012 Project Manager: Alok Kolekar	MPK0369 Reported: 11/22/06 15:08
---	---	--

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 6K15042 - General Preparation / EPA 160.2

Blank (6K15042-BLK1)		Prepared & Analyzed: 11/15/06								
Total Suspended Solids	ND	10000	ug/l							
Duplicate (6K15042-DUP1)		Source: MPK0369-04 Prepared & Analyzed: 11/15/06								
Total Suspended Solids	ND	10000	ug/l		ND				20	

Batch 6K21025 - General Preparation / EPA 410.4

Blank (6K21025-BLK1)		Prepared: 11/20/06 Analyzed: 11/21/06								
Chemical Oxygen Demand	ND	30000	ug/l							
Laboratory Control Sample (6K21025-BS1)		Prepared: 11/20/06 Analyzed: 11/21/06								
Chemical Oxygen Demand	119000	33000	ug/l	111000		107	75-120			
Matrix Spike (6K21025-MS1)		Source: MPK0650-01 Prepared: 11/20/06 Analyzed: 11/21/06								
Chemical Oxygen Demand	188000	33000	ug/l	111000	58000	117	75-120			
Matrix Spike Dup (6K21025-MSD1)		Source: MPK0650-01 Prepared: 11/20/06 Analyzed: 11/21/06								
Chemical Oxygen Demand	187000	33000	ug/l	111000	58000	116	75-120	0.5	15	

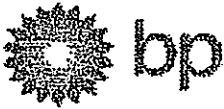
URS Corporation [Arco]
1333 Broadway, Suite 800
Oakland CA, 94612

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0012
Project Manager: Alok Kolekar

MPK0369
Reported:
11/22/06 15:08

Notes and Definitions

- LM MS and/or MSD above acceptance limits. See Blank Spike(LCS).
- IC Calib. verif. is within method limits but outside contract limits
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



Chain of Custody Record

Project Name: Station 608 - O&M - Remediation
 BP BU/AR Region/Enfos Segment: Retail
 State or Lead Regulatory Agency: Oro Loma Sanitary District
 Requested Due Date (mm/dd/yy): 11/24/06
 (14- day TAT)

On-site Time: <u>0900</u>	Temp: <u>N/A</u>
Off-site Time: <u>1015</u>	Temp: <u>N/A</u>
Sky Conditions: <u>Clear</u>	
Meteorological Events: <u>None</u>	
Wind Speed: <u>N/A</u>	Direction: <u>N/A</u>

Lab Name: <u>Sequoia Analytical (Morgan Hill)</u>	BP/AR Facility No.: <u>Station 608</u>	Consultant/Contractor: <u>URS Oakland</u>
Lab Address: <u>885 Jarvis Drive</u>	BP/AR Facility Address: <u>17601 Hesperian Blvd, San Lorenzo</u>	Address: <u>1333 Broadway, Suite 800</u>
<u>Morgan Hill, CA</u>	Site Lat/Long: <u>37.673888 / -122.123</u>	<u>Oakland CA 94612</u>
Lab PM: <u>Lisa Race</u>	California Global ID No.: <u>T000100085</u>	Consultant/Contractor Project No.: <u>38487590</u>
Tele/Fax: <u>408-782-8156/408-782-6308</u>	Enfos Project No.: <u>GDC24-0012</u>	Consultant/Contractor PM: <u>Alok Kolekar</u>
BP/AR PM Contact: <u>Paul Supple</u>	Provision or RCOP: <u>Provision</u>	Tele/Fax: <u>510.893.3600/510.874.3268</u>
Address: <u>P.O. Box 6549</u>	Phase/WBS: <u>03 - O&M</u>	Report Type & QC Level: <u>Level 1 and EDF</u>
<u>Moraga CA 94570</u>	Sub Phase/Task: <u>03 - Analytical</u>	E-mail BDD To: <u>alok.kolekar@urcorp.com,</u> <u>amber.budd@urcorp.com, bpedff@broadbentinc.com</u>
Tele/Fax: <u>925.299.8891/925.299.8872</u>	Cost Element: <u>05 - Subcontractor Costs</u>	(invoice to: Consultant or BP or Atlantic Richfield Co. (circle one))

Lab Bottle Order No.	Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis			Sample Point Lat/Long and Comment
					Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	BTEX/Oxy/TFE (\$260)	COD (\$10.4)	TSS (160.2)	
	1	INF	1005	11/20/06	X			01	3				X					MPK0369 HOLD
	2	MID-1	1000		X			02	3				X					
	3	MID-2	0955		X			03	3				X					
	4	BFLL	0950		X			04	3				X					
	5	BFLL	0950		X			2	1	X					X			
	6	BFLL	0950		X			2	1	X				X				
	7	TRIP BLANK	0900	✓	X			05	2									
	8																	
	9																	
	10																	

Sampler's Name: <u>Diana Ross</u>	Relinquished By / Affiliation: <u>[Signature] URS</u>	Date: <u>11/20/06</u>	Time: <u>1220</u>	Accepted By / Affiliation: <u>[Signature] URS</u>	Date: <u>11/20/06</u>	Time: <u>1600</u>
Shipment Date: <u>11/16/06</u>	Shipment Method: <u>Hand</u>	Shipment Tracking No: <u></u>	Instructions: <u></u>			

Temp Blank Yes No Cooler Temperature on Receipt 2.6 °C Trip Blank Yes No

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

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: BP 1608
 REC. BY (PRINT) EW
 WORKORDER: HPK 0369

DATE REC'D AT LAB: 11/11/06
 TIME REC'D AT LAB: 830
 DATE LOGGED IN: 11-12-06

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

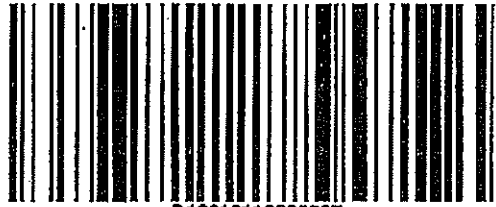
CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <input checked="" type="radio"/> Present / <input type="radio"/> Absent <input type="radio"/> Intact / <input type="radio"/> Broken*	01	INE	3 UDAS	HCL	—	L	11/10	
2. Chain-of-Custody <input checked="" type="radio"/> Present / <input type="radio"/> Absent*	02	MID-1	SAME	SAME	↓	↓	↓	
3. Traffic Reports or Packing List: <input checked="" type="radio"/> Present / <input type="radio"/> Absent	03	MID-2	↓	↓	↓	↓	↓	
4. Airbill: <input checked="" type="radio"/> Airbill / <input type="radio"/> Sticker <input checked="" type="radio"/> Present / <input type="radio"/> Absent	04	EFL	↓	↓	↓	↓	↓	
5. Airbill #: <u>SEC ATT</u>	05	EFL	AMBER	—	↓	↓	↓	
6. Sample Labels: <input checked="" type="radio"/> Present / <input type="radio"/> Absent	06	EFL	250 PLY	HNO3	↓	↓	↓	
7. Sample IDs: <input checked="" type="radio"/> Listed / <input type="radio"/> Not Listed on Chain-of-Custody		TBP BLANK	2 UDAS	HCL	↓	↓	↓	
8. Sample Condition: <input checked="" type="radio"/> Intact / <input type="radio"/> Broken* / <input type="radio"/> Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input checked="" type="radio"/> Yes / <input type="radio"/> No*								
10. Sample received within hold time? <input checked="" type="radio"/> Yes / <input type="radio"/> No*								
11. Adequate sample volume received? <input checked="" type="radio"/> Yes / <input type="radio"/> No*								
12. Proper preservatives used? <input checked="" type="radio"/> Yes / <input type="radio"/> No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) <input checked="" type="radio"/> Yes / <input type="radio"/> No*								
14. Read Temp: <u>2.1°C</u> Corrected Temp: <u>3.1°C</u> Is corrected temp 4 +/- 2°C? <input checked="" type="radio"/> Yes / <input type="radio"/> No** <small>(Acceptance range for samples requiring thermal pres.)</small>								
**Exception (if any): <u>METALS / DFF ON ICE</u> or Problem GOC								

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

California Overnight Shipping Label



1-888-334-5000 / www.calover.com



D10010110828005

Date Printed 11/10/2006

Tracking#D10010110828005

Shipped From:
TEST AMERICA - SACRAMENTO
819 STRIKER AVENUE 8
SACRAMENTO, CA 95834

Sent By: TIM ALBRIGHT
Phone#: (916)921-9600
wgt(lbs): 69
Reference:
Decl. Value: \$0.00

<p><i>Ship To Company:</i> TESTAMERICA - MORGAN HILL 885 JARVIS DR MORGAN HILL, CA 95037 SAMPLE CONTROL (408)776-9600</p>	<p><i>Service:</i> S <i>Sort Code:</i> SJC <i>Special Services:</i> Saturday Delivery</p>
---	--

ATTACHMENT B
OPERATION AND MAINTENANCE FIELD LOGS

FIELD SERVICES / ROUTINE O&M REQUEST

Identification

Project # 38487590 Cost Code: 0033501
 Station # ARCO 0608
 Site Address: 17601 Hesperian Blvd.
 County: San Lorenzo CA
 Project Manager: Donna Cosper (874-3019)
 Lead Engineer: Amber Budd (874-1769)
 Client: BP
 Client P.O.C.: Paul Supple
 Revision Date: 2/13/2006
 Laboratory: Sequoia

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

Complete attached Data Sheets as prescribed in the following table:

Scheduling Table

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

Monthly = once a month during week 1

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

Comments:

Departure Check:

Sample Ports Closed: Yes No
 Gate Locked: Yes No
 System Controls in Auto Mode: Yes No

System Under Compliance:

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

Field Technician Response:

Completed by: D. Ross Date: 11/10/06
 Arrival time: 0700 Departure time: 1015
 Sample this visit?: Yes Engineer contacted?: NO

Groundwater Extraction & Treatment System
ARCO Service Station No. 0608
17501 Hesperian Blvd.
San Lorenzo CA

Date: 11/10/06

System Description:

Groundwater Extraction Wells

Extraction Well	Size	Type	Control	Screen Interval	Set Depth (TOB)	Well Online (Yes/No)	Totalizer Reading (gallons)
E-1A	3"	Electric (Grundfos SSQ05A-180)	Auto		23.9	yes	N/A

Abatement Device:

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

Equipment Required:

pH meter, conductivity and temp meter, water level meter

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

System on upon arrival?

yes (if no, specify reason in comments)

System on departure?

yes (if no, specify reason in comments)

Filter Changed?

no

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4732180	
ELECTRIC METER READING (kWh)	49711	N/A
Hour Meter Reading (hrs)	33783.7	N/A
FILTER INLET PRESSURE (psig)	(Change filter if pressure > 30 psig) 40	After changing filter =
CARBON #1 INLET PRESSURE (psig)	(Backflush if pressure > 20 psig) 3	After backflush =
CARBON #2 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 5	After backflush =
CARBON #3 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 0	After backflush =
DISCHARGE PRESSURE (psig)	0	
EFF FLOW RATE (gpm)	0.8 gpm	

PART B: COMMENTS

PART C: WELL DATA (Monthly)

* Allow system to run 1 hour before obtaining DTW readings

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

NO DATA COLLECTED

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

SAMPLE	ANALYSIS	BOTTLE REQUIREMENT	COMMENTS
INFLUENT	GRO/BTEX /Fuel Oxy, EPA 8260, 14-day TAT	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxy, EPA 8260, 14-day TAT	3X40 mL HCl VOA's	
MID 2	GRO/BTEX /Fuel Oxy, EPA 8260, 14-day TAT	3X40 mL HCl VOA's	
EFFLUENT	GRO/BTEX /Fuel Oxy (EPA 8260), COD (410.4), TSS (160.2), 14-day TAT	3X40 mL HCl VOA's, Unpreserved, 1 H ₂ SO ₄	
TRIP BLANK	GRO/BTEX, EPA 8260 (on Hold)	3X40 mL VOA supplied by the lab	

PART E: SYSTEM MAINTENANCE (Every Visit)

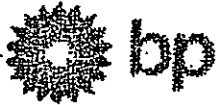
Sump Pump Tested?	<i>OK</i>	Enclosure Swapt?	<i>NO</i>
Test Compound Float Switch?	<i>YES</i>	Test Filter Pressure Switch?	<i>NO</i>
Air Solenoid Valve?	<i>N/A</i>	Number of Spare Filters On Site?	<i>0</i>

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

Submersible Pumps Checked?	<i>NO</i>	Flow Totalizers Cleaned?	<i>NO</i>
Control Logics Checked?	<i>NO</i>		

PART G: READINGS (Monthly during week 1)

	pH (UNITS):	Temperature (°F):	Electrical Conductivity: (µS/cm)	Dissolved Oxygen (ppm):
EFFLUENT	<i>7.03</i>	<i>16.8</i>	<i>1152</i>	<i>N/A</i>
permit limits:	5.5 to 12.5	150°F		



Chain of Custody Record

Project Name: Station 608 - O&M - Remediation
 BP BU/AR Region/Enfus Segment: Retail
 State or Lead Regulatory Agency: Oro Loma Sanitary District
 Requested Due Date (mm/dd/yy): 11/24/06
 (14-day TAT)

Page 1 of 1

On-site Time: <u>12:00</u>	Temp: <u>N/A</u>
Off-site Time: <u>12:15</u>	Temp: <u>N/A</u>
Sky Conditions: <u>Clear</u>	
Meteorological Events: <u>None</u>	
Wind Speed: <u>N/A</u>	Direction: <u>N/A</u>

Lab Name: <u>Sequoia Analytical (Moraga Hill)</u>	BP/AR Facility No.: <u>Station 608</u>	Consultant/Contractor: <u>URS Oakland</u>
Lab Address: <u>885 Jacris Drive</u>	BP/AR Facility Address: <u>17601 Hesperian Blvd, San Lorenzo</u>	Address: <u>1333 Broadway, Suite 800</u>
<u>Moraga Hill, CA</u>	Site Lab/Long: <u>37.673888 / -122.123</u>	<u>Oakland CA 94612</u>
Lab PM: <u>Lisa Rice</u>	California Global ID No.: <u>X000100085</u>	Consultant/Contractor Project No.: <u>38487590</u>
Tele/Fax: <u>408-782-8156/408-782-6308</u>	Enfus Project No.: <u>GSC24-0012</u>	Consultant/Contractor PM: <u>Alok Kulkar</u>
BP/AR PM Contact: <u>Paul Supple</u>	Provision or RCOP: <u>Provision</u>	Tele/Fax: <u>510.893.3600/510.874.3268</u>
Address: <u>P.O. Box 6549</u>	Phase/WBS: <u>03 - O&M</u>	Report Type & QC Level: <u>Level 1 and EDF</u>
<u>Moraga CA 94570</u>	Sub Phase/Task: <u>03 - Analytical</u>	E-mail HDD To: <u>alok.kulkar@urscorp.com,</u>
Tele/Fax: <u>925.299.8891/925.299.8872</u>	Cost Element: <u>05 - Subcontractor Costs</u>	<u>amber.budd@urscorp.com, bpedit@broadbenline.com</u>
Lab Bottle Order No:		(invoice to: Consultant or BP or Atlantic Richfield Co. (circle one))

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservatives					Requested Analysis			Sample Point Lat/Long and Comment
				Soil/Solid	Water/Liquid	Air			Unpreserved	H2SO4	HNO3	HCl	Methanol	PERM/Oxy/THH (326)	COD (410.4)	TSs (160.2)	
1	INR	1203	11/16/06	X			13			X			X				
2	MID-1	1200		X			13			X			X				
3	MID-2	0155		X			3			X			X				
4	BPFL	0150		X			3			X			X				
5	BPFL	0150		X			1	X						X			
6	BPFL	0150		X			1	X					X				
7	TRIP BLANK	0100		X			2	X					X				
8																	HOLD
9																	
10																	

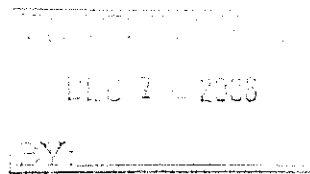
Sampler's Name: <u>DAVID ROSS</u>	Relinquished By / Affiliation: <u>[Signature] URS</u>	Date: <u>11/16/06</u>	Time: <u>12:00</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>11/16/06</u>	Time: <u>12:30</u>
Sampler's Company: <u>URS</u>						
Shipment Date: <u>11/16/06</u>						
Shipment Method: <u>Hand</u>						
Shipment Tracking No:						
Special Instructions:						

Custody Seals in Place Yes No Temp Blank Yes X No No / Cooler Temperature on Receipt 9/C Trip Blank Yes X No No

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

RE COC Rev. 4 10/2/04

4.70



3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

December 12, 2006

Mr. Rob Miller
Broadbent & Associates
2000 Kirman Ave.
Reno, NV 89502

Re: System O&M Data Package, ARCO Service Station No. 608, located at 17601 Hesperian Boulevard, San Lorenzo, California (Field activities performed on November 29, 2006)

General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes / Jay Johnson

Phone Number: (530) 676-6000

On-Site Supplier Representative: Chris Hill

System Overview: Groundwater Extraction and Treatment System

Operational Status: Continuous operation.

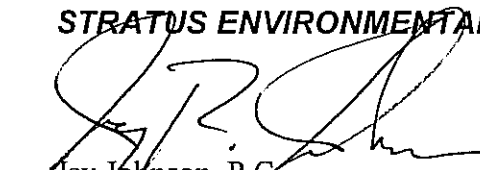
Scope of Work Performed: Field measurements taken.

Variations from Work Scope: None

The attachments include field data sheets. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.

Sincerely,

STRATUS ENVIRONMENTAL, INC.



Jay Johnson, P.G.
Project Manager



Attachments:

- Field Data Sheets

CC: Paul Supple, BP/ARCO

ARCO FACILITY NO. 0608
 17601 Hesperian Boulevard
 San Lorenzo, California
Groundwater Extraction and Treatment System
 (Frequency of Site Visits = 2 per month)

 ORIGINAL

Date: 11-29-06 Technician: CHILL
 Onsite Time: 0740 Weather Conditions: Clear
 Offsite Time: 0830 Ambient Temperature: 36

Equipment Information/Model#: One 3-inch Dia. Extraction Well with Grundfos Pump and Three 2,400-pounds Carbon Vessels.

System Status Upon Arrival: Operational Non-operational

System Status Upon Departure: Operational Non-operational

Extraction Well Pump: Operational Non-operational

Transfer Pump: N/A Operational Non-operational

Electric Meter Reading: 50975 Change Filter BAG

Hour Meter Reading: 34237.1

Flow Totalizer Reading Before Carbon Treatment: N/A

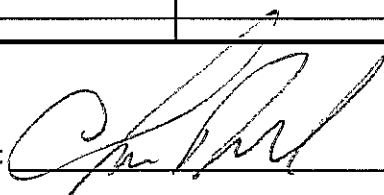
Flow Totalizer Reading After Carbon Treatment: 4732186

No. of Carbon Vessels: Three 2,400 Pound Virgin Coconut Shell Carbon in Series

	Particulate Filter	Vessel 1	Vessel 2	Vessel 3
Inlet Pressure, psig	1	4	3.5	2

Sample Port	Field Measurements (Monthly)		
	Temperature	pH	Electrical Conductivity
	°F	units	msiemens
Effluent			

Sampling Information (Monthly)			
Sample ID	Date & Time	Sample ID	Date & Time
00608WINF			
00608WGAC1			
00608WGAC2			
00608WEFF			

Signature:  Date: 11-29-06



3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

January 4, 2007
Project No. E608-3

Mr. Jeff Carson
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, California 94580

Subject: Monthly Discharge Report -December 2006
Discharge Permit No. SPD-037
ARCO Service Station No. 608
17601 Hesperian Boulevard
San Lorenzo, California 94580

Dear Mr. Carson:

Stratus Environmental, Inc. (Stratus) has prepared this monthly report of waste discharge on behalf of Atlantic Richfield Company (a BP Affiliated Company), for the groundwater extraction and treatment (GWET) system operated at ARCO Service Station No. 608, 17601 Hesperian Boulevard, San Lorenzo, California (Figures 1 and 2). This report presents a summary of the GWET system's operational and performance data for reporting period of November 29 through December 5, 2006. The GWETS operational parameters for December 2006 are summarized below:

<i>Treatment System Status:</i>	Shutdown on December 5, 2006
<i>Reporting Period:</i>	November 29, 2006 to December 5, 2006
<i>Volume Discharged This Period:</i>	Zero gallons
<i>Average Flow Rate This Period:</i>	0.00 gallons per minute (gpm)
<i>Effluent pH Reading:</i>	Not sampled (system shutdown on 12/05/06)
<i>Analytical Report:</i>	Not sampled (system shutdown on 12/05/06)

Discussion:

During December 2006, Stratus conducted only one site visit (Appendix A) to shutdown the GWET system to facilitate change of operator information in the sewer discharge permit. In a letter dated December 18, 2006, Stratus requested Oro Loma Sanitary District (OLSD) to change

the operator information from URS Corporation Americas (URS) to Stratus. OLSD in a telephone conversation on December 21, 2006, indicated the change of operator was approved and the GWETS could be re-started. Stratus re-started the GWETS on January 2, 2007 and was shutdown the same day after sample collection. The GWETS will be re-started pending receipt and verification of analytical results.

Based on the hour meter readings, the GWETS operated for approximately 6 days between November 29, 2006 and December 5, 2006, and was likely shutdown on December 4, 2006 for unknown reasons. Although the hour meter of the submersible pump indicates that the pump operated for approximately 6-days between November 29 and December 4, 2006, the totalizer reading remained unchanged for both these dates. This probably is due to clogging of filter vessels or pump malfunction. On January 2, 2007, the GWETS was re-started after replacing the bag filters and the system appeared to be functioning normally. The GWETS was switched off the same day after sample collection and will be re-started pending receipt and verification of analytical data.

Upon system re-start, Stratus will collect the influent, mid-fluent (between carbon vessels, see Figure 3), and effluent water samples and forward them to a state-certified laboratory for chemical analysis. The water samples will be analyzed for gasoline range organics (GRO), benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tertiary butyl ether (MTBE), tertiary amyl methyl ether (TAME), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), and tertiary butyl alcohol (TBA) by United States Environmental Protection Agency (USEPA) Method 8260B. In addition, per discussions with OLSD, the influent and effluent water samples will also analyzed for metals and total oil and grease.

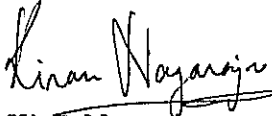
CERTIFICATION

“I certify under the penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

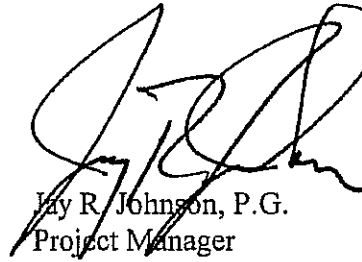
If you have any questions regarding this report, please contact Jay Johnson at (530) 676-6000.

Sincerely,

STRATUS ENVIRONMENTAL, INC.



Kiran Nagaraju
Staff Engineer



Jay R. Johnson, P.G.
Project Manager



cc: Mr. Paul Supple, Atlantic Richfield Company
Mr. Chuck Headlee, Regional Water Quality Control Board
Mr. Rob Miller, Broadbent & Associates, Inc.

Attachment: Table 1 Groundwater Extraction Performance Data
Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Process Flow Diagram
Appendix A Field Data Sheets

**Table 1. Ground-Water Extraction Performance Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	GRO/TPH-g				Benzene			MTBE		
						Average Flow (gpm)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)
09/25/91		0	—	0	0	0.0	ND	—	0.00	—	0.000	0.00	—	—	—
09/26/91		—	—	1,144	1,144	—	38	0.00	0.00	4.8	0.000	0.00	—	—	—
10/22/91		26	95.9	12,844	11,700	7.6	ND	—	0.00	ND	0.000	0.00	—	—	—
11/22/91		77	93.1	52,532	39,688	13.0	ND	—	0.00	0.5	0.000	0.00	—	—	—
12/19/91		322	62.1	122,540	70,008	4.8	ND	—	0.00	ND	0.000	0.00	—	—	—
01/16/92		994	0.0	283,289	160,749	4.0	ND	—	0.00	ND	0.000	0.00	—	—	—
02/19/92		1,809	0.2	485,200	201,911	4.1	370	0.31	0.31	14.0	0.012	0.01	—	—	—
03/17/92		2,462	0.0	662,847	177,647	4.5	160	0.39	0.70	18.0	0.024	0.04	—	—	—
04/15/92		3,150	1.1	851,100	188,253	4.6	200	0.28	0.99	11.0	0.023	0.06	—	—	—
05/14/92		3,849	0.0	1,030,086	178,986	4.3	45	0.18	1.17	1.4	0.009	0.07	—	—	—
06/19/92		4,712	0.1	1,229,960	199,874	3.9	ND	—	1.17	ND	0.001	0.07	—	—	—
07/14/92		5,001	51.8	1,291,201	81,241	3.5	97	0.02	1.19	25.0	0.006	0.08	—	—	—
08/18/92		—	—	1,410,018	118,817	—	ND	—	1.19	ND	0.012	0.09	—	—	—
09/15/92		6,298	—	1,535,640	125,622	3.1	ND	—	1.19	ND	0.000	0.09	—	—	—
10/16/92		7,012	4.1	1,651,623	115,983	2.7	ND	—	1.19	ND	0.000	0.09	—	—	—
11/18/92		7,809	0.0	1,788,076	116,453	2.4	ND	—	1.19	ND	0.000	0.09	—	—	—
12/17/92		8,502	0.4	1,864,300	96,224	2.3	96	0.04	1.23	7.7	0.003	0.09	—	—	—
01/18/93		8,798	61.5	1,915,165	50,865	2.9	100	0.04	1.27	13.0	0.004	0.10	—	—	—
02/22/93		9,607	0.0	2,096,930	181,765	3.7	480	0.44	1.71	36.0	0.037	0.13	—	—	—
03/15/93		10,113	0.0	2,205,833	108,903	3.6	310	0.36	2.07	29.0	0.030	0.16	—	—	—
04/09/93		10,517	32.8	2,298,770	92,937	3.8	140	0.17	2.25	11.0	0.015	0.18	—	—	—
05/13/93		11,211	14.9	2,449,160	150,390	3.6	530	0.42	2.67	27.0	0.024	0.20	—	—	—
06/04/93		11,734	1.0	2,543,600	94,340	3.0	170	0.28	2.94	5.2	0.013	0.21	—	—	—
07/20/93		12,573	24.0	2,689,697	146,197	2.9	200	0.23	3.17	12.0	0.010	0.22	—	—	—
08/16/93		13,219	0.3	2,791,366	101,669	2.6	150	0.15	3.32	4.9	0.007	0.23	—	—	—
09/13/93		13,888	0.4	2,884,736	93,370	2.3	80	0.09	3.41	2.2	0.003	0.23	—	—	—
10/08/93		14,485	0.5	2,951,737	67,001	1.9	ND	0.02	3.43	ND	0.001	0.24	—	—	—
11/19/93		15,494	0.0	3,036,032	84,295	1.4	ND	0.00	3.43	ND	0.000	0.24	—	—	—
12/21/93		16,260	0.3	3,113,565	77,533	1.7	73	0.02	3.45	3.5	0.001	0.24	—	—	—
01/18/94		16,939	0.0	3,190,900	77,335	1.9	60	0.04	3.49	3.1	0.002	0.24	—	—	—
02/17/94		17,658	0.0	3,273,720	82,820	1.9	ND	0.02	3.51	2.5	0.002	0.24	—	—	—
03/15/94		18,235	7.5	3,344,249	70,529	2.0	ND	0.00	3.51	ND	0.001	0.24	—	—	—
04/21/94		18,849	30.8	3,418,537	74,288	2.0	110	0.03	3.55	7.8	0.002	0.24	—	—	—
05/13/94		19,351	5.1	3,478,910	60,373	2.0	230	0.09	3.63	8.3	0.004	0.25	—	—	—
06/14/94	a	19,680	57.1	3,518,608	39,698	2.0	230	0.08	3.71	12.0	0.003	0.25	—	—	—
07/14/94	b	20,145	35.4	3,574,408	55,800	2.0	270	0.12	3.83	6.9	0.004	0.26	—	—	—
08/17/94	c	20,920	5.0	51,260	91,580	2.0	ND	0.10	3.93	1.8	0.003	0.26	—	—	—
09/12/94		21,549	0.0	120,910	69,650	1.8	ND	0.00	3.93	ND	0.001	0.26	—	—	—
10/18/94		22,408	0.5	211,880	90,970	1.8	ND	0.00	3.93	ND	0.000	0.26	—	—	—
11/15/94		23,080	0.0	280,840	68,960	1.7	ND	0.00	3.93	0.7	0.000	0.26	—	—	—
12/05/94		23,489	14.8	325,830	44,990	1.8	470	0.09	4.02	32.0	0.006	0.27	—	—	—

**Table 1. Ground-Water Extraction Performance Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	GRO/TPH-g				Benzene			MTBE		
						Average Flow (gpm)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)
01/04/95		24,205	0.6	408,740	82,910	1.9	ND	0.16	4.18	1.1	0.011	0.28	—	—	—
02/06/95		24,926	9.0	499,690	90,950	2.1	100	0.04	4.22	2.4	0.001	0.28	—	—	—
03/02/95		25,465	6.4	569,180	69,490	2.1	ND	0.03	4.25	ND	0.001	0.28	—	—	—
04/04/95		26,253	0.5	672,510	103,330	2.2	290	0.12	4.37	6.6	0.003	0.28	—	—	—
05/02/95		26,924	0.1	760,350	87,840	2.2	240	0.19	4.57	7.1	0.005	0.29	—	—	—
06/05/95		27,721	2.4	848,810	88,460	1.9	ND	0.09	4.65	ND	0.003	0.29	—	—	—
07/06/95		28,464	0.1	921,260	72,450	1.6	270	0.08	4.74	2.4	0.001	0.29	—	—	—
08/21/95	d	29,568	0.0	993,320	72,060	1.1	230	0.15	4.89	1.8	0.001	0.29	—	—	—
06/05/00	e	29,592	—	976,600	—	—	700	—	4.89	7.2	—	0.29	361.0	—	0.000
06/05/00		29,593	0.0	979,800	3,200	2.1	700	0.02	4.91	7.2	0.000	0.29	361.0	0.01	0.010
07/08/00		30,352	4.2	1,131,560	151,760	3.3	133	0.53	5.43	5.1	0.008	0.30	272.0	0.40	0.410
08/07/00		30,955	16.3	1,228,240	96,680	2.7	144	0.11	5.54	2.8	0.003	0.30	126.0	0.16	0.570
09/08/00		31,528	25.4	1,306,300	78,050	2.3	261	0.13	5.68	2.7	0.002	0.30	120.0	0.08	0.651
10/10/00		32,230	8.6	1,393,820	87,520	2.1	114	0.14	5.81	ND	0.001	0.31	ND	0.04	0.694
11/07/00		32,880	3.3	1,472,930	79,110	2.0	128	0.08	5.89	ND	0.000	0.31	98.6	0.03	0.727
12/05/00		33,516	5.4	1,548,840	75,910	2.0	167	0.09	5.99	0.8	0.000	0.31	104.0	0.06	0.791
01/04/01		33,924	43.3	1,595,340	46,500	1.9	ND	0.03	6.02	ND	0.000	0.31	86.8	0.04	0.828
02/06/01		34,556	20.2	1,672,330	76,990	2.0	203	0.07	6.08	0.6	0.000	0.31	80.5	0.05	0.882
03/08/01		34,776	69.5	1,698,860	26,530	2.0	219	0.05	6.13	ND	0.000	0.31	81.0	0.02	0.899
03/24/01	†	35,088	18.7	1,741,170	42,310	2.3	—	0.07	6.20	—	0.000	0.31	—	0.03	0.928
04/18/01		35,335	59.0	1,770,860	29,690	2.0	75	0.04	6.24	ND	0.000	0.31	97.5	0.02	0.950
05/04/01		35,716	0.0	1,812,690	41,830	1.8	63	0.02	6.26	ND	0.000	0.31	93.2	0.03	0.983
06/09/01		36,345	27.1	1,879,710	67,020	1.8	64	0.04	6.30	ND	0.000	0.31	71.0	0.05	1.029
07/05/01	f	36,469	80.1	1,897,180	17,470	2.3	100	0.01	6.31	ND	0.000	0.31	430.0	0.04	1.066
08/14/01	f	36,822	63.3	1,928,510	31,330	1.5	290	0.05	6.36	2.2	0.000	0.31	870.0	0.17	1.235
09/05/01		37,219	24.8	1,977,050	48,540	2.0	<100	0.06	6.42	<1.0	0.000	0.31	340.0	0.24	1.480
10/05/01		37,932	0.0	2,040,950	63,900	1.5	ND	0.00	6.42	ND	0.000	0.31	150.0	0.13	1.611
11/13/01		38,820	0.0	2,119,670	78,720	1.5	ND	0.00	6.42	ND	0.000	0.31	92.0	0.08	1.690
12/11/01		39,496	0.0	2,186,530	66,860	1.6	65	0.02	6.44	ND	0.000	0.31	83.0	0.05	1.739
01/04/02		40,063	0.0	2,248,700	62,170	1.8	<50	0.02	6.46	ND	0.000	0.31	140.0	0.06	1.797
02/05/02		40,830	0.2	2,333,090	84,390	1.8	100	0.04	6.49	ND	0.000	0.31	190.0	0.12	1.913
03/05/02		40,968	79.4	2,353,460	20,370	2.5	150	0.02	6.51	<1.2	0.000	0.31	350.0	0.05	1.959
04/08/02		41,735	6.0	2,448,360	94,900	2.1	400	0.22	6.73	9.6	0.004	0.31	260.0	0.24	2.200
05/16/02		42,642	0.6	2,499,320	50,960	0.9	310	0.15	6.88	<1.0	0.002	0.31	330.0	0.13	2.325
05/31/02		42,832	47.2	2,503,380	4,060	0.4	—	0.00	6.88	—	0.000	0.31	—	0.00	2.325
08/19/02	g	44,925	—	2,520,289	16,909	0.1	—	0.00	6.88	—	0.000	0.31	—	0.00	2.325
10/03/02	g	44,956	—	2,520,582	293	0.2	—	0.00	6.88	—	0.000	0.31	—	0.00	2.325
10/07/02	g	44,956	—	2,522,394	1,812	—	160	0.00	6.89	<1.0	0.000	0.31	130.0	0.00	2.329
11/07/02	h	0	—	2,527,925	5,531	—	250	0.01	6.89	<1.0	0.000	0.31	210.0	0.01	2.337
12/05/02		479	28.7	2,528,113	188	0.0	220	0.00	6.89	<1.0	0.000	0.31	110.0	0.00	2.337
01/03/03		1,174	0.1	2,591,359	63,246	1.5	170	0.10	7.00	<1.0	0.000	0.31	140.0	0.07	2.403

**Table 1. Ground-Water Extraction Performance Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	GRO/TPH-g				Benzene			MTBE		
						Average Flow (gpm)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)
02/13/03		2,156	0.2	2,692,710	101,351	1.7	<250	0.07	7.07	<2.5	0.000	0.31	66.0	0.09	2.490
03/27/03		3,165	0.0	2,790,668	97,958	1.6	110	0.04	7.11	<0.50	0.000	0.31	71.0	0.06	2.546
04/24/03		4,172	0.0	2,865,050	74,382	1.2	120	0.07	7.19	<0.50	0.000	0.31	56.0	0.04	2.585
05/30/03		4,459	66.7	2,931,190	66,140	3.8	20	0.04	7.22	<5.0	0.000	0.31	<50	0.00	2.585
06/19/03		4,940	0.0	2,971,985	40,795	1.4	160	0.03	7.25	<5.0	0.000	0.31	46.0	0.01	2.593
07/24/03		5,331	86.3	2,972,362	181,694	1.4	51	0.12	7.38	<0.50	0.000	0.31	41.0	0.08	2.678
08/28/03		6,165	0.8	3,040,900	68,538	1.4	<50	0.01	7.39	<0.50	0.000	0.31	30.0	0.02	2.698
09/25/03		6,838	0.0	3,095,020	54,120	1.3	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.01	2.711
10/23/03		7,512	0.0	3,149,200	177,215	1.1	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.04	2.753
11/20/03		8,182	0.3	3,204,612	55,412	1.4	<50	0.00	7.39	<0.50	0.000	0.31	22.0	0.01	2.764
12/18/03		8,851	1.1	3,264,487	30,531	1.5	52	0.01	7.40	<0.50	0.000	0.31	27.0	0.00	2.770
01/08/04		9,356	1.0	3,312,485	47,998	1.6	—	0.00	7.40	—	0.000	0.31	—	0.00	2.770
01/22/04		9,690	0.7	3,344,994	32,509	1.6	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.00	2.774
02/19/04		10,357	1.6	3,410,457	32,947	1.7	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.00	2.781
03/18/04		11,030	0.0	3,480,800	70,343	1.7	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.02	2.795
04/07/04		11,509	0.2	3,524,179	43,379	1.5	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.01	2.806
04/22/04		11,869	0.0	3,552,144	27,965	1.3	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.811
05/19/04		12,522	0.0	3,607,015	54,871	1.4	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.819
06/16/04		13,198	0.0	3,664,594	57,579	1.4	63	0.02	7.41	<0.50	0.000	0.31	20.0	0.01	2.829
07/22/04		14,050	1.4	3,736,245	71,651	1.4	<50	0.02	7.43	<0.50	0.000	0.31	15.0	0.01	2.839
08/26/04		14,890	0.0	3,803,030	66,785	1.3	<50	0.00	7.43	<0.50	0.000	0.31	23.0	0.01	2.850
09/16/04		15,394	0.0	3,832,211	29,181	1.0	<50	0.00	7.43	<0.50	0.000	0.31	18.0	0.00	2.855
10/21/04		16,235	0.0	3,891,299	59,088	1.2	<50	0.00	7.43	<0.50	0.000	0.31	17.0	0.01	2.863
11/18/04		16,908	0.0	3,942,990	51,691	1.3	<50	0.00	7.43	<0.50	0.000	0.31	14.0	0.01	2.870
12/16/04		17,579	0.2	3,994,185	51,195	1.3	<50	0.00	7.43	<0.50	0.000	0.31	15.0	0.01	2.876
01/19/05		18,396	0.0	4,063,710	69,525	1.4	84	0.02	7.46	<0.50	0.000	0.31	19	0.01	2.886
02/16/05	i	19,068	0.0	4,117,922	54,212	1.3	<50	0.02	7.48	<0.50	0.000	0.31	29	0.01	2.897
03/16/05	i	19,741	0.0	4,175,364	57,442	1.4	56	0.01	7.49	<0.50	0.000	0.31	21	0.01	2.909
04/20/05		20,578	0.3	4,244,807	69,443	1.4	<50	0.02	7.50	<0.50	0.000	0.31	19	0.01	2.921
05/18/05		21,057	28.8	4,279,950	35,143	1.2	82	0.01	7.52	<0.50	0.000	0.31	16	0.01	2.926
06/15/05		21,728	0.1	4,325,824	45,874	1.1	<50	0.02	7.53	<0.50	0.000	0.31	15	0.01	2.932
07/26/05		22,468	24.8	4,369,300	43,476	1.0	<50	0.00	7.53	<0.50	0.000	0.31	13	0.01	2.937
08/25/05		23,184	0.6	4,407,082	37,782	0.9	<50	0.00	7.53	—	0.000	0.31	9.8	0.004	2.940
09/20/05		23,812	0.0	4,436,511	29,429	0.8	<50	0.00	7.53	<0.50	0.000	0.31	8.2	0.002	2.942
10/18/05		24,483	0.2	4,465,577	29,066	0.7	<50	0.00	7.53	<0.50	0.000	0.31	9.2	0.002	2.945
11/16/05		25,178	0.1	4,495,190	29,613	0.7	<50	0.00	7.53	<0.50	0.000	0.31	15	0.003	2.948
12/13/05		25,825	0.2	4,523,250	28,060	0.7	<50	0.00	7.53	<0.50	0.000	0.31	11	0.003	2.951
01/12/06		26,546	0.0	4,562,040	38,790	0.9	<50	0.00	7.53	<0.50	0.000	0.31	16	0.004	2.955
02/08/06		27,195	0.0	4,595,860	33,820	0.9	60	0.01	7.54	<0.50	0.000	0.31	15	0.004	2.959

**Table 1. Ground-Water Extraction Performance Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

Influent Sample Date	Foot note	Hour Meter Reading (hours)	System Down Time (%)	Volume Reading (gallons)	Net Volume (gallons)	GRO/TPH-g				Benzene			MTBE		
						Average Flow (gpm)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)	Influent Concentration (µg/L)	Net Removed (pounds)	Removed To Date (pounds)
03/06/06		27,816	0.5	4,621,920	26,060	0.7	<50	0.00	7.54	<0.50	0.000	0.31	16	0.003	2.963
04/03/06		28,489	0.0	4,651,630	29,710	0.7	<50	0.00	7.54	<0.50	0.000	0.31	16	0.004	2.967
05/02/06		NA	NA	4,686,187	34,557	--	<50	0.00	7.54	<0.50	0.000	0.31	--	0.000	2.967
06/13/06		30,189	0.54	4,694,809	8,622	0.1	<50	0.00	7.54	<0.50	0.000	0.31	15	0.001	2.967
06/27/06		30,524	0.3	4,697,476	2,667	--	--	--	--	--	--	--	--	--	--
07/17/06		31,006	0.0	4,706,984	9,508	0.3	<50	0.00	7.54	<0.50	0.000	0.31	5.7	0.000	2.968
08/09/06		31,556	0.4	4,719,605	12,621	0.4	<50	0.00	7.54	<0.50	0.000	0.31	4.6	0.001	2.968
09/12/06		32,371	0.1	4,731,489	11,884	0.2	<50	0.00	7.54	<0.50	0.000	0.31	2.9	0.000	2.968
09/27/06		32,731	0.0	4,732,102	613	0.03	--	--	--	--	--	--	--	--	--
10/09/06		33,014	1.7	4,732,140	38	0.00	<50	0.00	7.54	<0.50	0.000	0.31	3.3	0.000	2.968
10/26/06		33,426	0.0	4,732,179	39	0.00	--	--	--	--	--	--	--	--	--
11/10/06		33,784	3.3	4,732,180	1	0.00	<50	0.00	7.54	<0.50	0.000	0.31	6.6	0.000	2.968
11/29/06		34,237	0.0	4,732,186	6	0.00	--	--	--	--	--	--	--	--	--
12/05/06	j	34,379	5.3	4,732,186	0	0.00	--	--	--	--	--	--	--	--	--

REPORTING PERIOD:	11/29/06 to 12/05/06				
CUMULATIVE GALLONS EXTRACTED:	8,728,336				
PERIOD GALLONS EXTRACTED:	0				
TOTAL POUNDS REMOVED:		7.54		0.31	2.968
TOTAL GALLONS REMOVED:		1.24		0.04	0.48
AVERAGE PERIOD FLOW RATE (gpm):	0.00				
PERIOD PERCENT OPERATIONAL:	94.7%				
PERIOD POUNDS REMOVED:		NA		NA	NA
PERIOD GALLONS REMOVED:		NA		NA	NA

**Table 1. Ground-Water Extraction System Performance Data
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

SYMBOLS AND ABBREVIATIONS:

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

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

Footnotes:

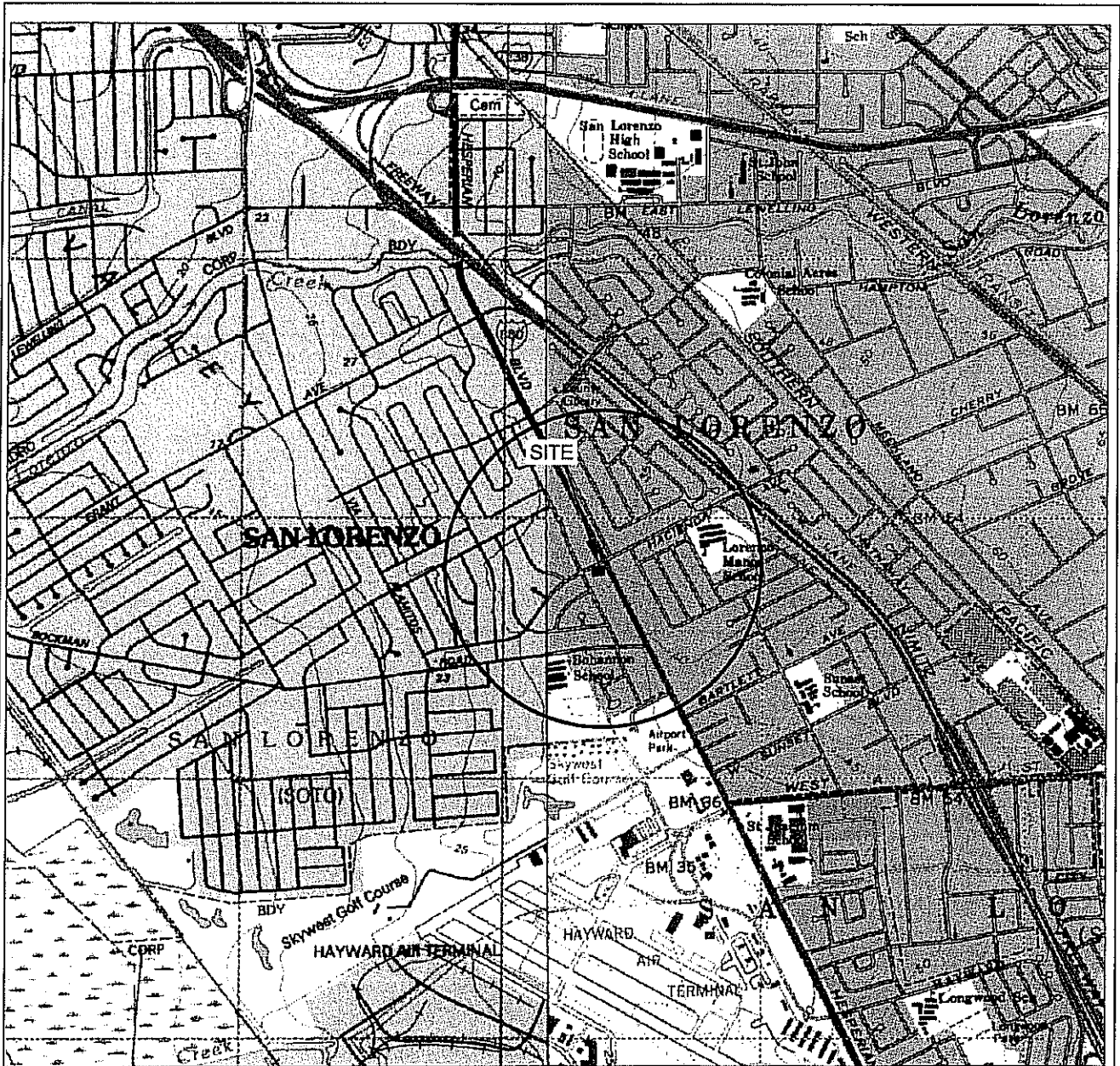
- a. Totalizer broken; volume estimated from hourmeter and flow rate.
- b. Volume estimated from hourmeter and instantaneous flow rate.
- c. Sewer totalizer replaced July 28, 1994; volume discharged estimated at 40,320 gallons for the period between July 14 and 28, 1994 at 2.0 gpm.
- d. GWE system temporarily shut down August 21, 1995.
- e. GWE system restarted June 5, 2000.
- f. System down during construction to main sewer line from approx. 6/25/01; restarted 8/14/01.
- g. Hour meter reading not functioning.
- h. Hour meter replaced.
- i. Quantity of unknown hydrocarbons in sample based on gasoline.
- j. The GWE system was shutdown on December 5, 2006, pending change of operator information on the sewer discharge permit.

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

Notes:

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

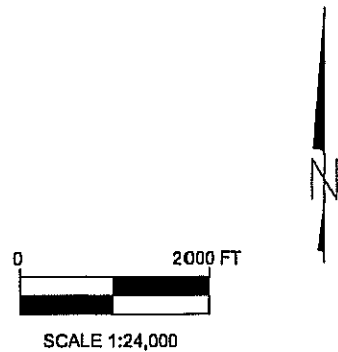
Beginning Fourth Quarter 2003, the laboratory modified the reported analyte list. TPH-g has been changed to GRO. The resulting data may be impacted by the impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in a higher concentration being reported.



GENERAL NOTES:
 BASE MAP FROM U.S.G.S., 7.5 MINUTE TOPOGRAPHIC
 SAN LORENZO, CA. PHOTO REVISED 1980



QUADRANGLE LOCATION



ARCO 608 Site Location Map.dwg
Dec 27, 2006
JMP
ARCD1008

STRATUS
 ENVIRONMENTAL, INC.

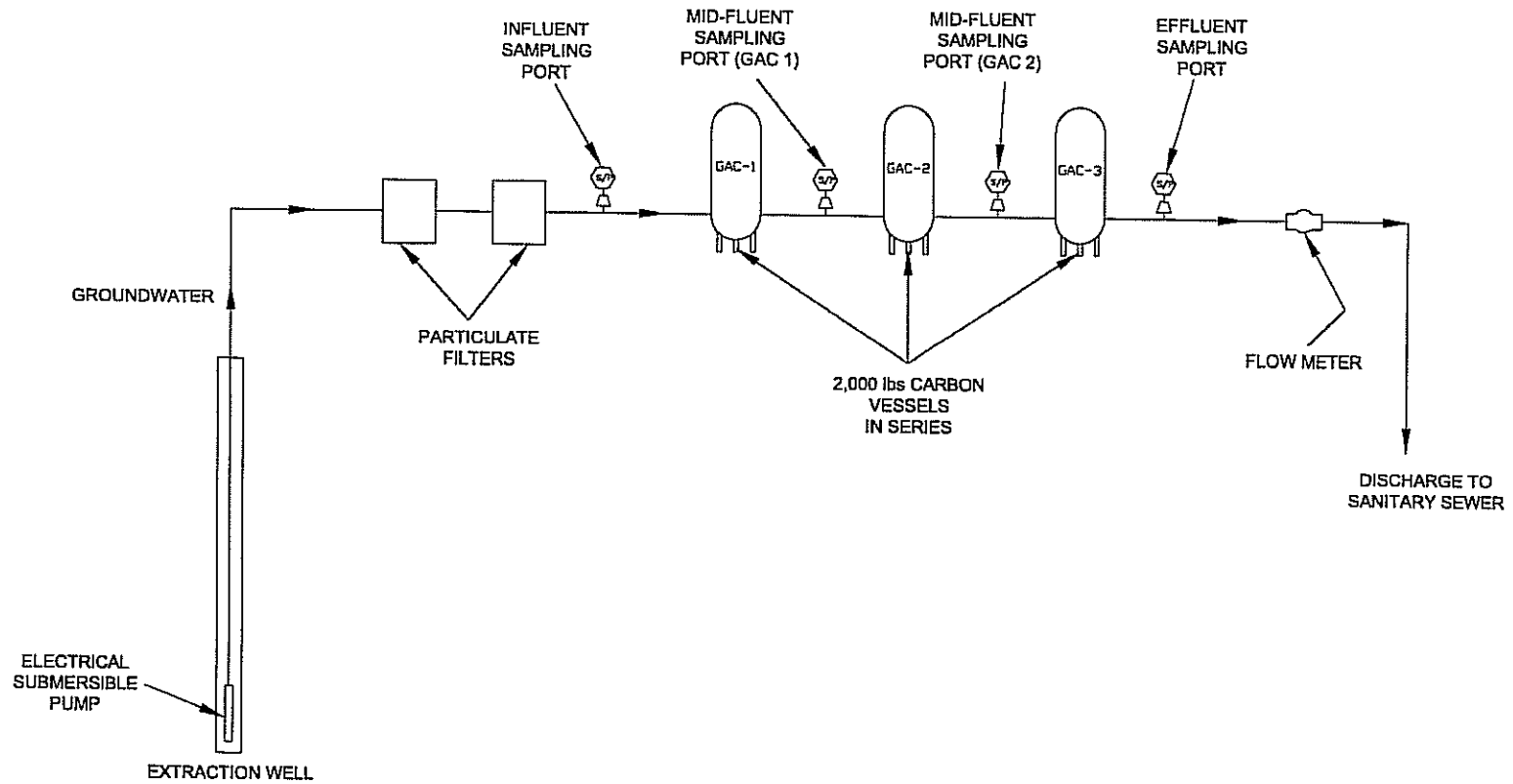
ARCO SERVICE STATION NO. 608
 17601 HESPERIAN BOULEVARD
 SAN LORENZO, CALIFORNIA

SITE LOCATION MAP

FIGURE

1

PROJECT NO.
 U608



NOTE: THIS IS AN ILLUSTRATION ONLY. EQUIPMENT SIZES ARE NOT REPRESENTATIVE & SPECIFICATIONS ARE NOT INCLUDED.

STRATUS
ENVIRONMENTAL, INC.

ARCO SERVICE STATION NO. 608
17601 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA
PROCESS FLOW DIAGRAM

FIGURE
3
PROJECT NO.
U608

APPENDIX A
FIELD DATA SHEETS

ARCO FACILITY NO. 0608
 17601 Hesperian Boulevard
 San Lorenzo, California
Groundwater Extraction and Treatment System
 (Frequency of Site Visits = 2 per month)

Date: 12/05/06
 Onsite Time: 0615 HRS
 Offsite Time: 0730 HRS

Technician: Kiran Nagaraju
 Weather Conditions: Clear
 Ambient Temperature: 60°F

Equipment Information/Model#: One 3-inch Dia. Extraction Well with Grundfos Pump and Three 2,400-pounds Carbon Vessels.

- System Status Upon Arrival: Operational Non-operational
- System Status Upon Departure: Operational Non-operational
- Extraction Well Pump: Operational Non-operational
- Transfer Pump: Operational Non-operational

Electric Meter Reading: 50168

Hour Meter Reading: 34379.4

Flow Totalizer Reading Before Carbon Treatment: NA

Flow Totalizer Reading After Carbon Treatment: 4732186

No. of Carbon Vessels: Three 2,400 Pound Virgin Coconut Shell Carbon in Series

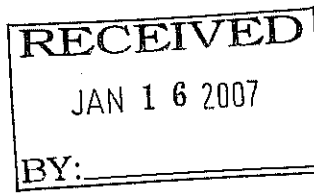
	Particulate Filter	Vessel 1	Vessel 2	Vessel 3
Inlet Pressure, psig				

Sample Port	Field Measurements (Monthly)		
	Temperature °F	pH units	Electrical Conductivity msiemens
Effluent			

Sampling Information (Monthly)			
Sample ID	Date & Time	Sample ID	Date & Time
00608WINF			
00608WGAC1			
00608WGAC2			
00608WEFF			

Signature: Kiran Nagaraju

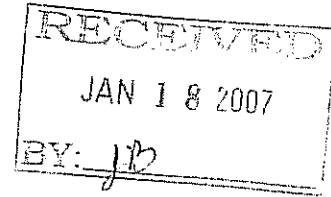
Date: 12/05/06



3330 Cameron Park Drive, Ste 550
Cameron Park, California 95682
(530) 676-6004 ~ Fax: (530) 676-6005

January 11, 2007

Mr. Rob Miller
Broadbent & Associates, Inc.
2000 Kirman Avenue
Reno, NV 89502



Re: System O&M Data Package, ARCO Service Station No. 608, located at 17601 Hesperian Boulevard, San Lorenzo, California (Field activities performed on December 12, 2006)

General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes / Kiran Nagaraju

Phone Number: (530) 676-6007

On-Site Supplier Representative: Kiran Nagaraju

System Overview: Groundwater Extraction and Treatment System

Operational Status: Continuous operation.

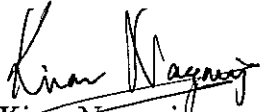
Scope of Work Performed: System shutdown pending change of permit operator from URS Corporation to Stratus Environmental, Inc.

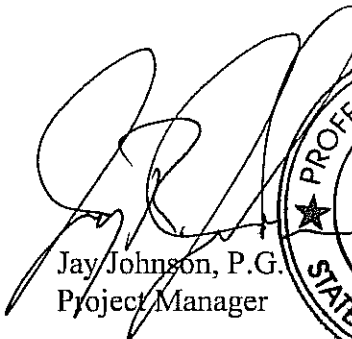
Variations from Work Scope: None


The attachments include field data sheets. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.

Sincerely,

STRATUS ENVIRONMENTAL, INC.


Kiran Nagaraju
Staff Engineer


Jay Johnson, P.G.
Project Manager



Attachments:

- Field Data Sheets

CC: Paul Supple, BP/ARCO

ARCO FACILITY NO. 0608
 17601 Hesperian Boulevard
 San Lorenzo, California
Groundwater Extraction and Treatment System
 (Frequency of Site Visits = 2 per month)

Date: 12/05/06 Technician: Kiran Nagarajan
 Onsite Time: 0615 HRS Weather Conditions: Clear
 Offsite Time: 0730 HRS Ambient Temperature: 60°F
 Equipment Information/Model#: One 3-inch Dia. Extraction Well with Grundfos Pump and Three 2,400-pounds Carbon Vessels.

System Status Upon Arrival: Operational Non-operational
 System Status Upon Departure: Operational Non-operational
 Extraction Well Pump: Operational Non-operational
 Transfer Pump: Operational Non-operational

Electric Meter Reading: 50168

Hour Meter Reading: 34379.4

Flow Totalizer Reading Before Carbon Treatment: NA

Flow Totalizer Reading After Carbon Treatment: 4732186

No. of Carbon Vessels: Three 2,400 Pound Virgin Coconut Shell Carbon in Series

	Particulate Filter	Vessel 1	Vessel 2	Vessel 3
Inlet Pressure, psig				

Sample Port	Field Measurements (Monthly)		
	Temperature °F	pH units	Electrical Conductivity msiemens
Effluent			

Sampling Information (Monthly)			
Sample ID	Date & Time	Sample ID	Date & Time
00608WINF			
00608WGAC1			
00608WGAC2			
00608WEFF			

Signature: Kiran Nagarajan Date: 12/05/06

APPENDIX C

GEOTRACKER UPLOAD CONFIRMATION

Electronic Submittal Information

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

UPLOADING A GEO_WELL FILE

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

Submittal Title: 4Q06 GEO_WELL
Submittal Date/Time: 1/24/2007 3:13:15 PM
Confirmation Number: 8356785416

[Back to Main Menu](#)

Logged in as BROADBENT-C
(CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

Your EDF file has been successfully uploaded!

Confirmation Number: 2252064824

Date/Time of Submittal: 1/26/2007 11:09:06 AM

Facility Global ID: T0600100085

Facility Name: ARCO #00608

Submittal Title: 4Q06 GW Monitoring

Submittal Type: GW Monitoring Report

[Click here](#) to view the detections report for this upload.

ARCO #00608 17601 HESPERIAN SAN LORENZO, CA 94580	Regional Board - Case #: 01-0092 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: RO0000255 ALAMEDA COUNTY LOP - (SP)
--	---

<u>CONF #</u>	<u>TITLE</u>	<u>QUARTER</u>
2252064824	4Q06 GW Monitoring	Q4 2006
<u>SUBMITTED BY</u>	<u>SUBMIT DATE</u>	<u>STATUS</u>
Broadbent & Associates, Inc.	1/26/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

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

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

Your EDF file has been successfully uploaded!

Confirmation Number: 1354382574
Date/Time of Submittal: 1/25/2007 12:32:28 PM
Facility Global ID: T0600100085
Facility Name: ARCO #00608
Submittal Title: Monthly System Sampling 1006
Submittal Type: Soil & Water Investigation Report

Click [here](#) to view the detections report for this upload.

ARCO #00608 17601 HESPERIAN SAN LORENZO, CA 94580	Regional Board - Case #: 01-0092 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: RO0000255 ALAMEDA COUNTY LOP - (SP)
--	---

<u>CONF #</u>	<u>TITLE</u>	<u>QUARTER</u>
1354382574	Monthly System Sampling 1006	Q4 2006
<u>SUBMITTED BY</u>	<u>SUBMIT DATE</u>	<u>STATUS</u>
Broadbent & Associates, Inc.	1/25/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,8260TPH,E160.2,E410.4
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.

Electronic Submittal Information

[Main Menu](#) | [View/Add Facilities](#) | [Upload EDD](#) | [Check EDD](#)

Your EDF file has been successfully uploaded!

Confirmation Number: 2433012008
Date/Time of Submittal: 1/25/2007 2:42:08 PM
Facility Global ID: T0600100085
Facility Name: ARCO #00608
Submittal Title: Monthly System Sampling 1106
Submittal Type: Soil & Water Investigation Report

Click [here](#) to view the detections report for this upload.

ARCO #00608 17601 HESPERIAN SAN LORENZO, CA 94580	Regional Board - Case #: 01-0092 SAN FRANCISCO BAY RWQCB (REGION 2) Local Agency (lead agency) - Case #: RO0000255 ALAMEDA COUNTY LOP - (SP)
--	---

<u>CONF #</u>	<u>TITLE</u>	<u>QUARTER</u>
2433012008	Monthly System Sampling 1106	Q4 2006
<u>SUBMITTED BY</u>	<u>SUBMIT DATE</u>	<u>STATUS</u>
Broadbent & Associates, Inc.	1/25/2007	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	2
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,8260TPH,E160.2,E410.4
TESTED FOR REQUIRED ANALYTES?	Y
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

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

SOIL SAMPLES FOR 8021/8260 SERIES

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

FIELD QC SAMPLES

<u>SAMPLE</u>	<u>COLLECTED</u>	<u>DETECTIONS > REPD</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as BROADBENT-C (CONTRACTOR)

CONTACT SITE ADMINISTRATOR.