



Atlantic Richfield Company
(a BP affiliated company)

P.O. Box 1257
San Ramon, CA 94583
Phone: (925) 275-3801
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29 January 2008

Re: Fourth Quarter 2007 Ground-Water Monitoring and Remediation System Status Report
with Ground-Water Extraction and Treatment System Shutdown Notification
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

RECEIVED

1:42 pm, Jan 31, 2008

Alameda County
Environmental Health



**Fourth Quarter 2007 Ground-Water Monitoring and
Remediation System Status Report with
Ground-Water Extraction and Treatment System
Shutdown Confirmation**
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

29 January 2008

Project No. 06-08-606

29 January 2008

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 2007 Ground-Water Monitoring and Remediation System Status Report with Ground-Water Extraction and Treatment System Shutdown Notification, Atlantic Richfield Company (a BP affiliated company) Station #608, 17601 Hesperian Blvd., San Lorenzo, Alameda County, California; ACEH Case #RO0000255

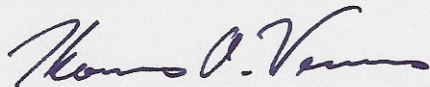
Dear Mr. Supple:

Provided herein is the *Fourth Quarter 2007 Ground-Water Monitoring and Remediation System Status Report with Ground-Water Extraction and Treatment System Shutdown Confirmation* 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 2007 ground-water monitoring/sampling results and remediation system operation and maintenance. A report of the cessation of active ground-water extraction and treatment system remediation due to negligible residual contamination remediation is also included in this package.

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

Sincerely,

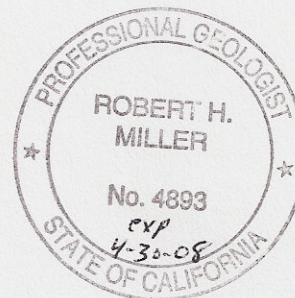
BROADBENT & ASSOCIATES, INC.



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

WORK PERFORMED THIS QUARTER (Fourth Quarter 2007):

1. Prepared and submitted Third Quarter 2007 Ground-Water Monitoring and Remediation System Status Report.
2. Conducted ground-water monitoring/sampling for Fourth Quarter 2007. Work performed on 14 December 2007 by Stratus Environmental, Inc (Stratus).
3. Discontinued operation, maintenance and performance monitoring of the GWET system on 5 December 2007.
4. Submitted monthly discharge reports for October-December 2007 to Oro Loma Sanitary District. Reports submitted by Stratus dated 8 November, 6 December and 21 December 2007.

WORK PROPOSED FOR NEXT QUARTER (First Quarter 2008):

1. Prepare and submit Fourth Quarter 2007 Ground-Water Monitoring and Remediation System Status Report with Ground-Water Extraction and Treatment (GWET) System Shutdown Confirmation (provided herein).
2. Conduct ground-water monitoring/sampling for First Quarter 2008.
3. Negotiate modification to ground-water well monitoring/sampling schedule.

QUARTERLY RESULTS SUMMARY:

Current phase of project:	<u>Ground-water monitoring/sampling/remediation</u>
Frequency of ground-water monitoring:	<u>Quarterly: E-1A, MW-5, MW-8, MW-9, MW-10, MW-11, MW-14, MW-15, MW-16, MW-18, MW-21, MW-22, MW-23, MW-25, MW-26</u>
Frequency of ground-water sampling:	<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>9.53 ft (MW-14) to 12.27 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>
Extraction well:	<u>E-1A</u>
Gallons of ground water treated and discharged for this quarter:	<u>66,070</u>

QUARTERLY RESULTS SUMMARY (Continued):

Total gallons of ground water treated and discharged:	66,070	This period	8,968,839	To date
Total operation hours:	1,703	This period	86,388	To date
Mass Removal (pounds)	Quarterly		Cumulative	
Gasoline range organics (GRO):	0.000		7.56	
Benzene:	0.000		0.31	
Methyl-tert butyl ether (MTBE):	0.002		2.980	
GWET system samples collection dates and influent results (µg/L):	10/01/2007	11/06/2007	12/05/2007	
GRO:	<50	<50	<50	
Benzene:	<0.50	<0.50	<0.50	
MTBE:	3.5	4.7	4.7	
GWET system samples collection dates and effluent results (µg/L):	10/01/2007	11/06/2007	12/05/2007	
GRO:	<50	<50	<50	
Benzene:	<0.50	<0.50	<0.50	
MTBE:	<0.50	<0.50	<0.50	

DISCUSSION:

Fourth Quarter 2007 ground-water monitoring and sampling was conducted at Station #608 on 14 December 2007 by Stratus personnel. Water levels were gauged in the 15 monitoring wells associated with the Site. No irregularities were noted during water level gauging. Depth-to-water measurements ranged from 9.53 ft at MW-14 to 12.27 ft at MW-5. Resulting ground-water surface elevations ranged from 24.97 ft above mean sea level (msl) in up-gradient well MW-25 to 20.40 ft at down-gradient well MW-22. Water level elevations were between historic minimum and maximum ranges for each monitoring well, with the exception of a recorded historic maximum value of 24.53 ft above msl in well E-1A. Historic minimum and maximum ranges are 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 three of the 17 monitoring wells associated with the Site, generally consistent with the sampling schedule presented in Table 4 with the following exceptions: Domestic irrigation well 642H was not sampled because property access could not be obtained and domestic irrigation well 17372VM was not sampled because the pump within in the well was reported non-operational. Well E-1A purged dry before three casing volumes were removed. 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), Di-isopropyl 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. The calibration verification was within the method limits but outside the contract limits of ethanol for each of the three samples. No other 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 of the three wells sampled at a concentration of 280 micrograms per liter ($\mu\text{g/L}$) in well MW-10. TAME was detected above the laboratory reporting limit in one of the three wells sampled at a concentration of 1.8 $\mu\text{g/L}$ in well MW-25. MTBE was detected above the laboratory reporting limit in each of the three wells sampled at concentrations up to 6.9 $\mu\text{g/L}$ in well MW-10. The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the wells sampled this quarter. Detected analyte concentrations during this sampling period 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 2007 period from 25 September 2007 to 5 December 2007, the GWET system operated 99.9 percent of the time (1,703 hours). During this period, a total of 66,070 gallons of ground water was treated and discharged. No GRO was reported removed during the Fourth Quarter 2007, keeping the total GRO removed at 7.56 pounds (1.24 gallons). No Benzene was reported removed during the Fourth Quarter 2007, keeping the total Benzene removed at 0.31 pounds (0.04 gallons). For the Fourth Quarter 2007, approximately 0.002 pounds of MTBE was removed, increasing the total MTBE removed to 2.980 pounds (0.48 gallons). GWET system mass removal trends for GRO and Benzene are shown in Figure 1. GWET system concentration trends for GRO and Benzene are shown in Figure 2. GWET system mass removal trend for MTBE is shown in Figure 3. GWET system concentration trend for MTBE is shown in Figure 4. Performance data for the GWET system is summarized in Table 5.

Based on the hour-meter reading, the GWET system operated for approximately 71 days between 25 September 2007 and 5 December 2007. Influent, mid-fluent, and effluent water samples were collected for analysis of GRO, BTEX, MTBE, TAME, DIPE, ETBE, and TBA on 1 October, 6 November, and 5 December 2007. The effluent samples were also analyzed for Total Suspended Solids and Chemical Oxygen Demand. Copies of Stratus' remediation system operation and maintenance data packages and monthly discharge reports for Fourth Quarter 2007 are contained within Appendix B. Laboratory analytical results (EDF) were uploaded to the GeoTracker AB2886 database. Upload confirmation pages are provided in Appendix C.

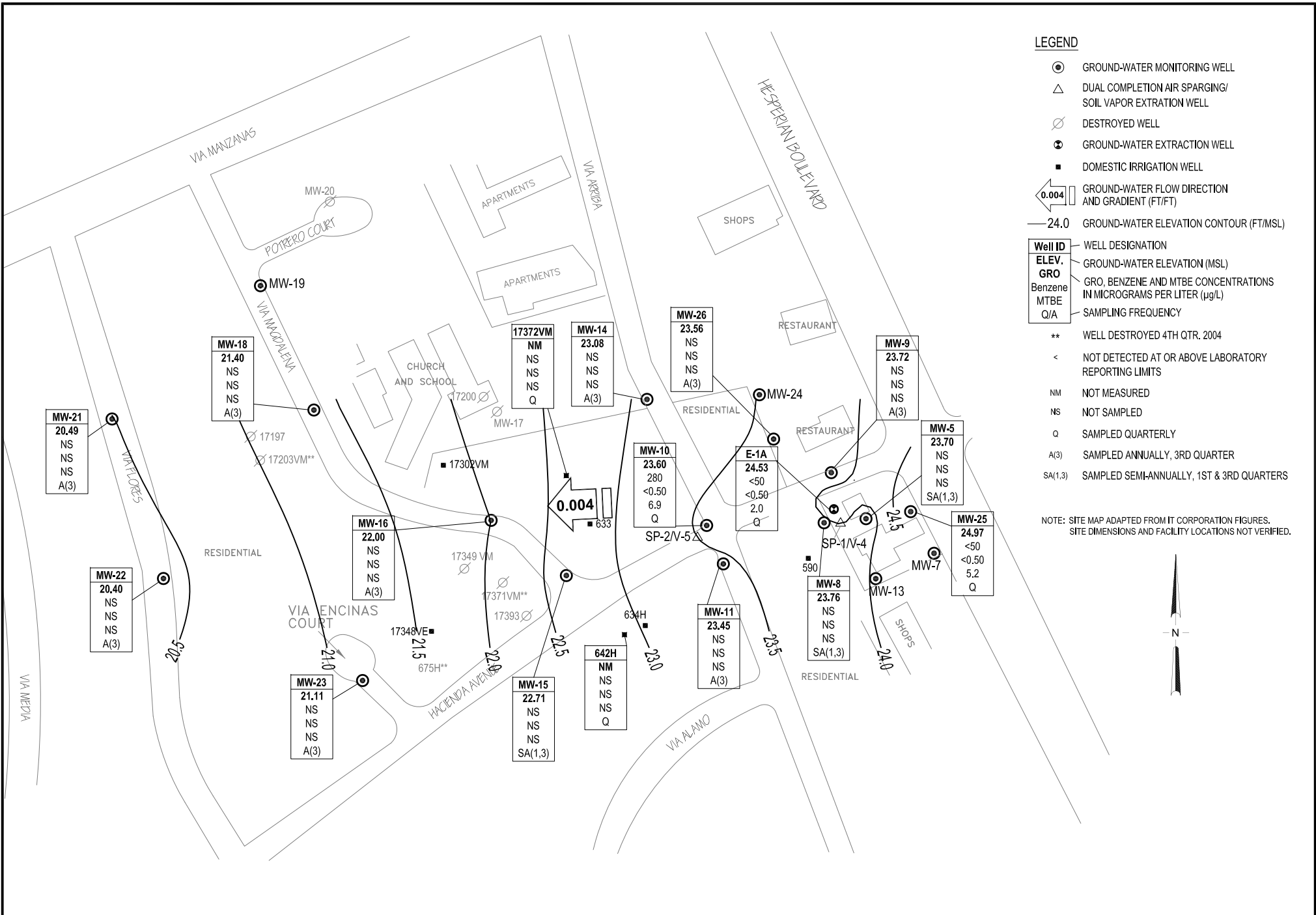
The GWET system was permanently shutdown on 5 December 2007. System shutdown was performed following approval received from Mr. Steven Plunket of ACEH in his letter dated 28 November 2007. Regular ground-water monitoring and sampling will continue during First Quarter 2008. A modified sampling schedule will be proposed within the First Quarter 2008 Ground-Water Monitoring Report recommending a reduction in the number of wells sampled.

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, 14 December 2007, 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 Confirmations



BROADBENT & ASSOCIATES, INC.
 ENGINEERING, WATER RESOURCES & ENVIRONMENTAL
 1324 Mangrove Ave. Suite 212, Chico, California 95926
 Project No.: 06-08-606 Date: 1/15/08

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

Ground-Water Elevation Contours
 and Analytical Summary Map
 14 December 2007

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

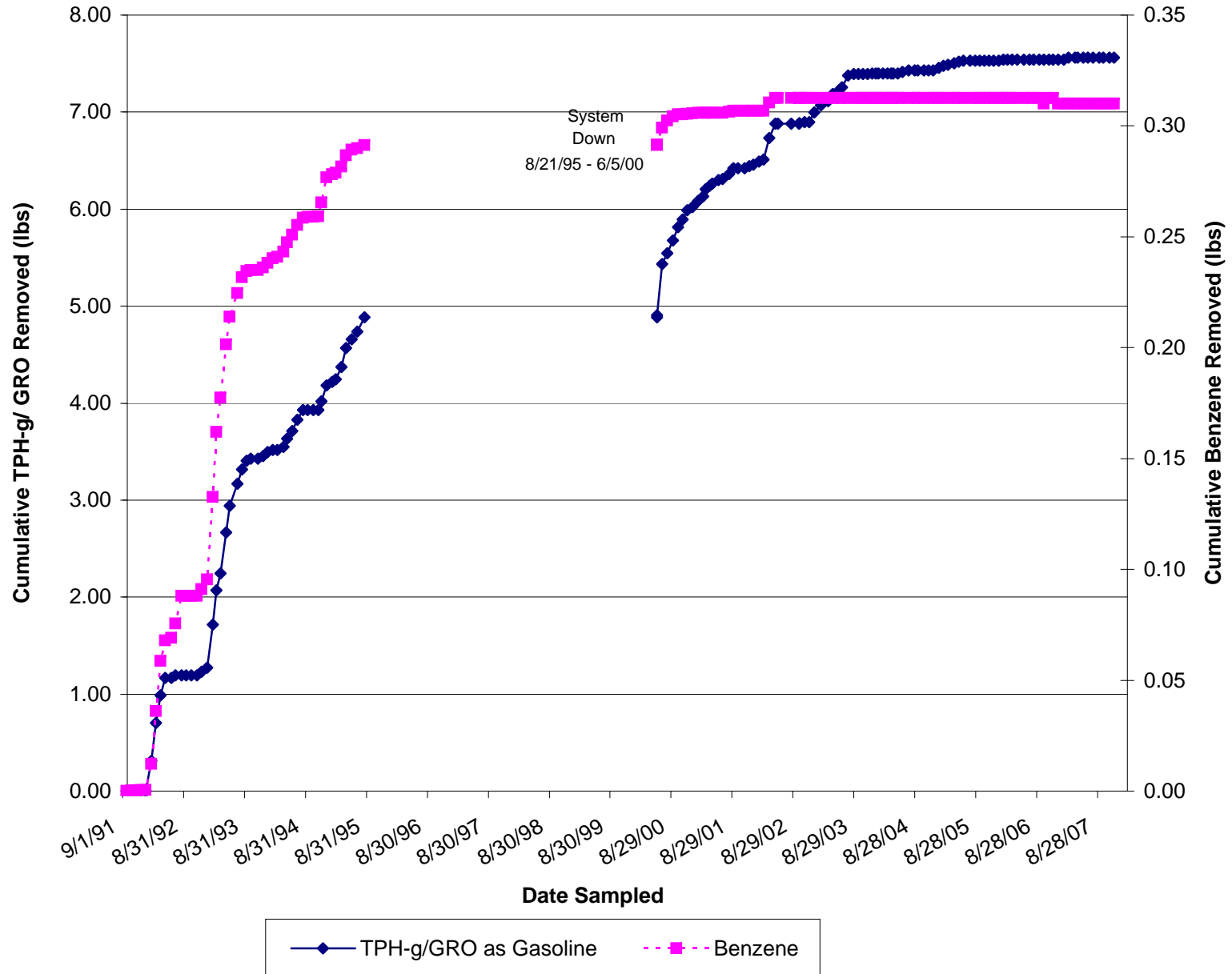


Figure 2
Ground-Water Extraction System Concentration Trends
TPH-g/ GRO and Benzene

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

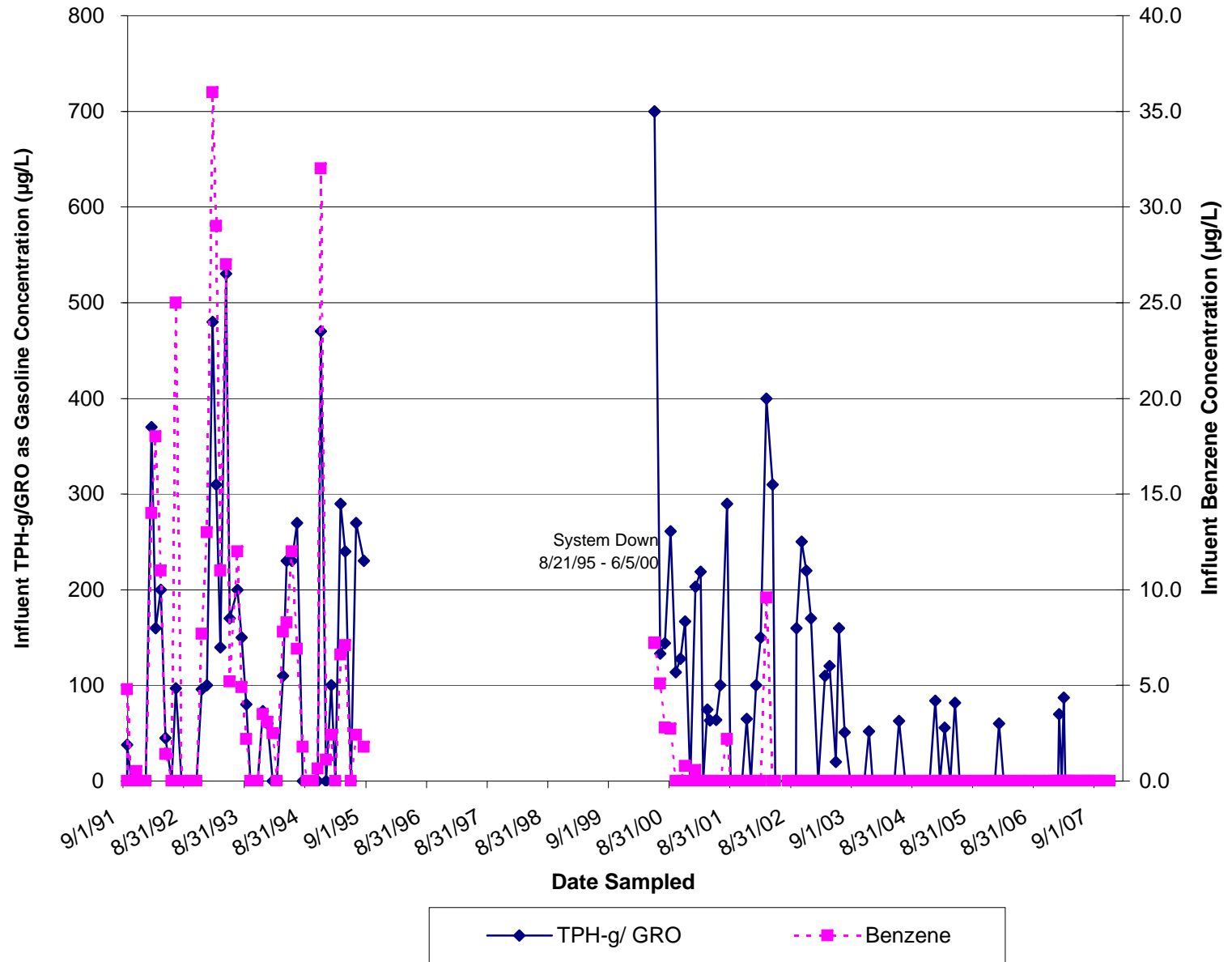


Figure 3
Ground-Water Extraction System Mass Removal Trend
MTBE

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

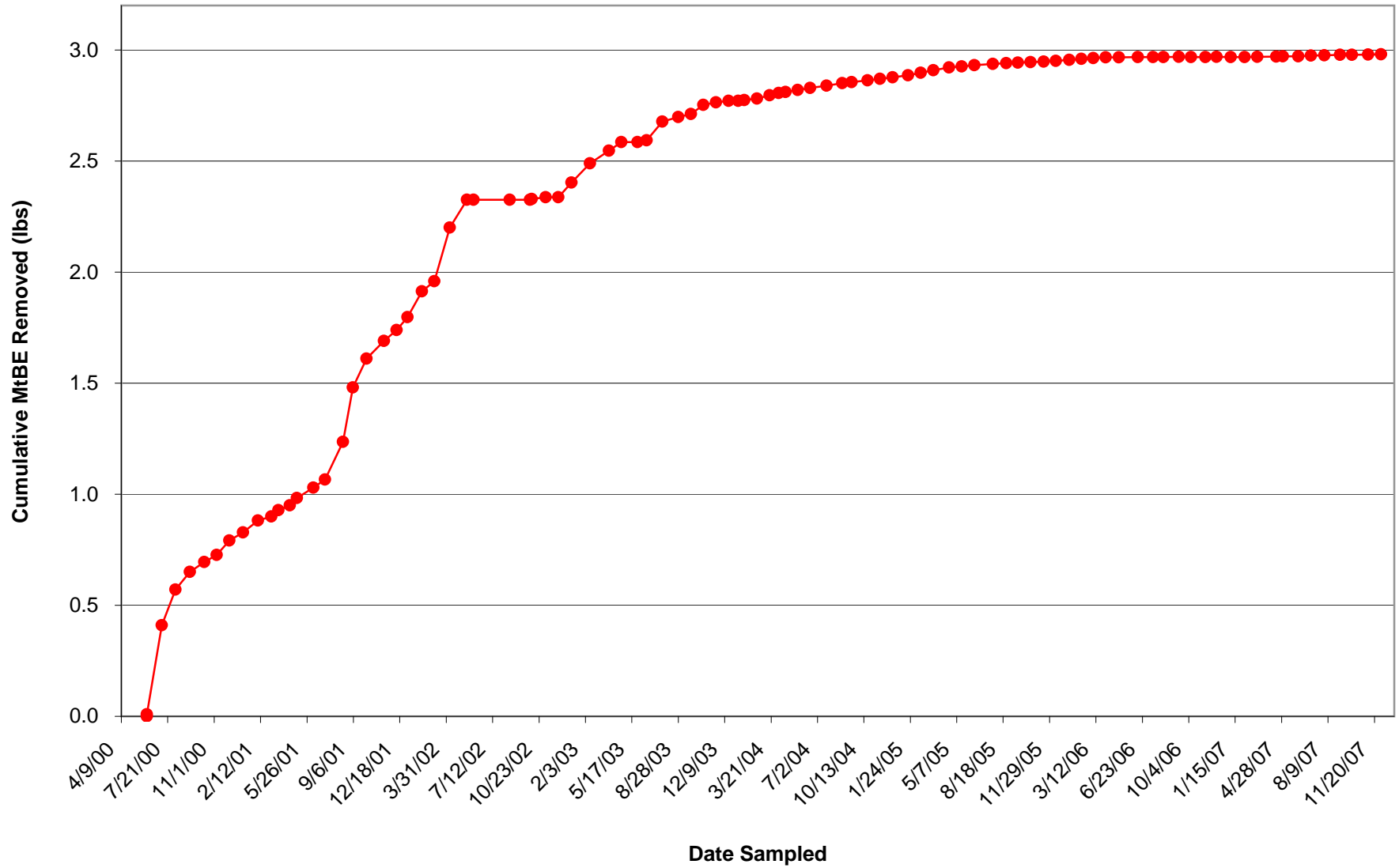


Figure 4
Ground-Water Extraction System Concentration Trend
MTBE
ARCO Service Station #608
17601 Hesperian Boulevard
San Lorenzo, California

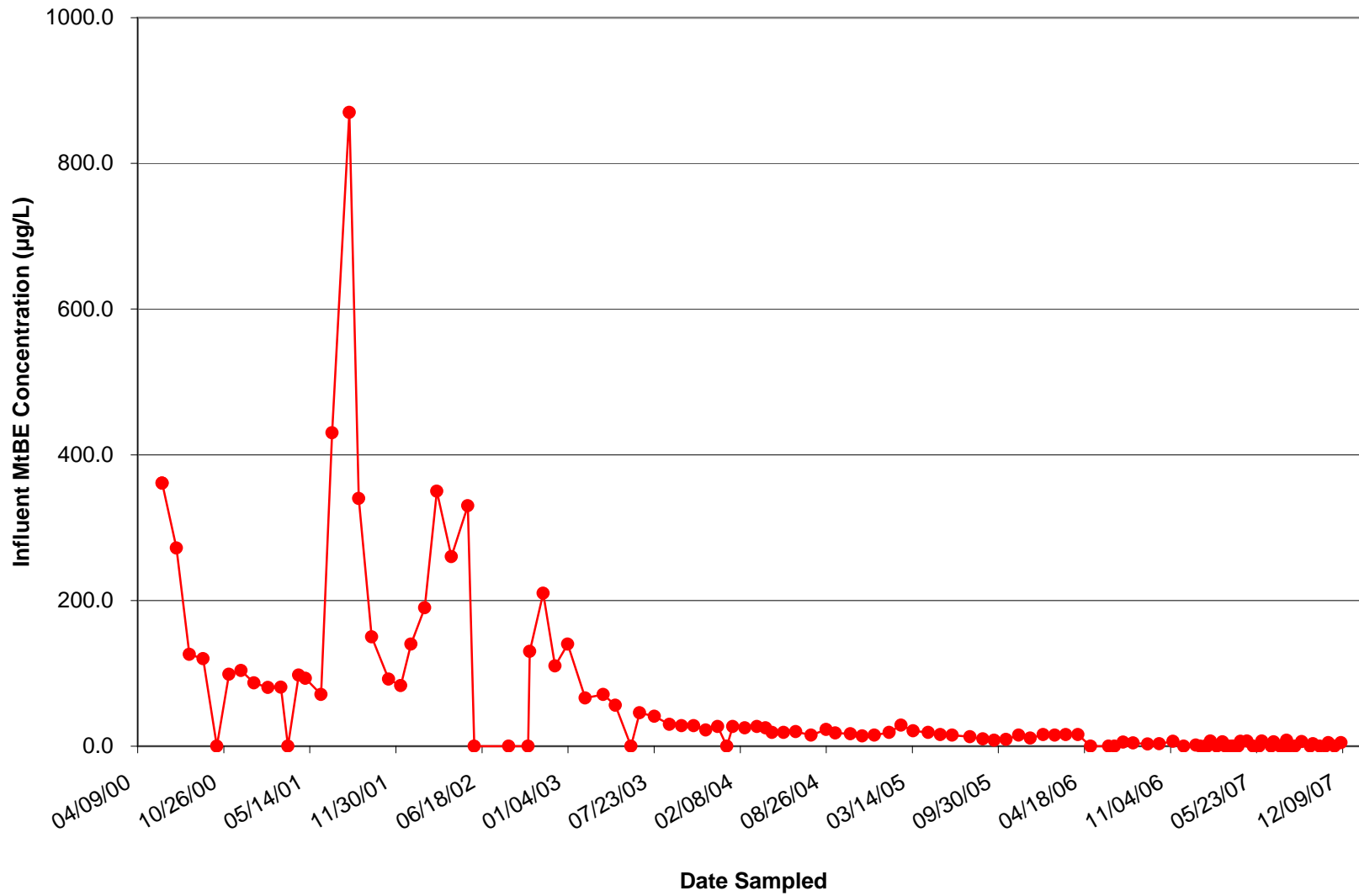


Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA

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	11	1.2	1.2	150	--	--
9/20/2002	--		33.06	--	--	11.80	21.26	250	1.18	0.52	<0.5	<1.5	218	--	--
12/30/2002	--	c, e	33.06	--	--	16.33	16.73	190	<1.2	<1.2	<1.2	<1.2	190	--	--
3/27/2003	--	g	33.06	--	--	13.63	19.43	96	<0.50	<0.50	<0.50	<0.50	60	--	--
6/30/2003	P	h	33.06	--	--	9.60	23.46	140	<0.50	<0.50	<0.50	<0.50	37	--	--
9/15/2003	P	g	33.06	--	--	17.80	15.26	83	<0.50	<0.50	<0.50	<0.50	49	--	--
12/04/2003	NP	g	33.06	--	--	18.73	14.33	<50	<0.50	<0.50	<0.50	<0.50	19	4.3	7.0
03/10/2004	NP	g	34.30	--	--	16.78	17.52	<100	<1.0	<1.0	<1.0	<1.0	38	4.9	7.2
06/10/2004	NP	g, p	34.30	--	--	16.67	17.63	74	<0.50	<0.50	<0.50	<0.50	46	2.0	6.7
09/22/2004	NP		34.30	--	--	18.46	15.84	<50	<0.50	<0.50	<0.50	<0.50	17	--	7.0
12/13/2004	NP		34.30	--	--	17.56	16.74	<50	<0.50	<0.50	<0.50	<0.50	15	7.13	6.9
03/10/2005	NP		34.30	--	--	14.60	19.70	<100	<0.50	<0.50	<0.50	<4.0	22	6.6	8.0
06/29/2005	NP		34.30	--	--	15.13	19.17	<50	<0.50	0.91	<0.50	<0.50	14	6.73	7.3
09/14/2005	NP		34.30	--	--	16.90	17.40	<50	<0.50	<0.50	<0.50	<0.50	13	5.4	6.7

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	--	--	--	--	--	--	--	--	--	--	--	--
3/12/2007	P		34.30	--	--	11.72	22.58	61	<0.50	<0.50	<0.50	<0.50	5.6	--	--
6/20/2007	NP		34.30	--	--	18.71	15.59	<50	<0.50	<0.50	<0.50	<0.50	6.8	3.40	7.35
9/20/2007	NP		34.30	--	--	10.20	24.10	<50	<0.50	<0.50	<0.50	<0.50	0.80	1.21	7.47
12/14/2007	P		34.30	--	--	9.77	24.53	<50	<0.50	<0.50	<0.50	<0.50	2.0	2.87	7.27
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	24.37	--	--	--	--	--	--	--	--
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

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-5 Cont.															
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	--	--	--	--	--	--	--	--
3/12/2007	P		35.97	--	--	10.86	25.11	<50	<0.50	0.60	<0.50	<0.50	5.8	2.55	7.17
6/20/2007	--		35.97	--	--	11.82	24.15	--	--	--	--	--	--	--	--
9/20/2007	NP		35.97	--	--	12.20	23.77	<50	<0.50	0.77	<0.50	<0.50	4.3	1.18	7.30
12/14/2007	--		35.97	--	--	12.27	23.70	--	--	--	--	--	--	--	--
MW-8															
3/13/2002	--		32.79	--	--	10.30	22.49	500	<2.5	<2.5	<2.5	<2.5	1,100	--	--
6/28/2002	--	b	32.79	--	--	10.30	22.49	150	<0.50	2.9	0.54	1.5	130	--	--
9/20/2002	--		32.79	--	--	10.84	21.95	<50	<0.50	<0.50	<0.50	<1.50	273	--	--
12/30/2002	--		32.79	--	--	8.31	24.48	<50	<0.50	<0.50	<0.50	<0.50	5.5	--	--
3/27/2003	--		32.79	--	--	9.85	22.94	63	<0.50	<0.50	<0.50	<0.50	33	--	--
6/30/2003	--		32.79	--	--	10.20	22.59	<50	<0.50	<0.50	<0.50	<0.50	15	--	--
9/15/2003	--		32.79	--	--	10.69	22.10	59	<0.50	<0.50	<0.50	<0.50	41	--	--
12/04/2003	P		32.79	--	--	10.43	22.36	<50	<0.50	<0.50	<0.50	<0.50	24	1.0	7.0
03/10/2004	P		34.47	--	--	9.04	25.43	<50	<0.50	<0.50	<0.50	<0.50	2.4	0.9	6.8
06/10/2004	P		34.47	--	--	10.40	24.07	<50	<0.50	<0.50	<0.50	<0.50	2.1	0.6	7.0
09/22/2004	P		34.47	--	--	10.74	23.73	84	<0.50	<0.50	<0.50	<0.50	18	0.9	6.9
12/13/2004	P		34.47	--	--	9.73	24.74	<50	<0.50	<0.50	<0.50	<0.50	7.1	0.95	6.8
03/10/2005	P		34.47	--	--	8.17	26.30	<100	<0.50	<0.50	<0.50	<4.0	1.4	2.0	7.4
06/29/2005	P		34.47	--	--	9.93	24.54	<50	<0.50	<0.50	<0.50	<0.50	1.7	1.72	7.0
09/14/2005	P		34.47	--	--	10.35	24.12	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.9	7.0
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	--	--	--	--	--	--	--	--
3/12/2007	P		34.47	--	--	9.46	25.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.96	7.54
6/20/2007	--		34.47	--	--	10.39	24.08	--	--	--	--	--	--	--	--

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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.															
9/20/2007	P		34.47	--	--	10.75	23.72	<50	<0.50	<0.50	<0.50	<0.50	13	2.19	7.49
12/14/2007	--		34.47	--	--	10.71	23.76	--	--	--	--	--	--	--	--
MW-9															
3/13/2002	--		32.11	--	--	9.49	22.62	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--		32.11	--	--	9.78	22.33	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
9/20/2002	--		32.11	--	--	10.29	21.82	<50	<0.50	<0.50	<0.50	<1.50	<0.500	--	--
12/30/2002	--		32.11	--	--	7.60	24.51	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
3/27/2003	--		32.11	--	--	9.14	22.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	u	32.11	--	--	9.64	22.47	--	--	--	--	--	--	--	--
9/15/2003	--		32.11	--	--	10.12	21.99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
12/04/2003	--	u	32.11	--	--	--	--	--	--	--	--	--	--	--	--
03/10/2004	P		34.00	--	--	8.46	25.54	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	7.3
06/10/2004	--	u	34.00	--	--	9.88	24.12	--	--	--	--	--	--	--	--
09/22/2004	P		34.00	--	--	10.05	23.95	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	7.0
12/13/2004	--	u	34.00	--	--	9.17	24.83	--	--	--	--	--	--	--	--
03/10/2005	P		34.00	--	--	8.17	25.83	<100	<0.50	<0.50	<0.50	<4.0	<0.50	2.2	7.7
06/29/2005	--		34.00	--	--	9.28	24.72	--	--	--	--	--	--	--	--
09/14/2005	P		34.00	--	--	9.70	24.30	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.8
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	--	--	--	--	--	--	--	--
3/12/2007	--		34.00	--	--	8.93	25.07	--	--	--	--	--	--	--	--
6/20/2007	--		34.00	--	--	9.88	24.12	--	--	--	--	--	--	--	--
9/20/2007	P		34.00	--	--	10.21	23.79	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.67	7.25
12/14/2007	--		34.00	--	--	10.28	23.72	--	--	--	--	--	--	--	--
MW-10															
3/13/2002	--		31.67	--	--	9.68	21.99	680	<5.0	<5.0	<5.0	<5.0	570	--	--

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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.															
6/28/2002	--	b	31.67	--	--	9.84	21.83	820	<2.0	<2.0	<2.0	<2.0	1,200	--	--
9/20/2002	--		31.67	--	--	10.37	21.30	194	<0.50	<0.50	<0.50	<1.50	575	--	--
12/30/2002	--		31.67	--	--	7.70	23.97	<50	<0.50	<0.50	<0.50	<0.50	490	--	--
3/27/2003	--		31.67	--	--	9.33	22.34	530	<5.0	<5.0	<5.0	<5.0	330	--	--
6/30/2003	--		31.67	--	--	9.75	21.92	<1,000	<10	<10	<10	<10	750	--	--
9/15/2003	P		31.67	--	--	10.17	21.50	<500	<5.0	<5.0	<5.0	<5.0	430	--	--
12/04/2003	P		31.67	--	--	9.95	21.72	<250	<2.5	<2.5	<2.5	<2.5	110	--	6.9
03/10/2004	P		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
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
3/12/2007	P		33.50	--	--	9.00	24.50	300	<0.50	<0.50	<0.50	<0.50	18	0.98	7.25
6/20/2007	P		33.50	--	--	9.94	23.56	300	<0.50	<0.50	<0.50	<0.50	5.9	6.47	7.18
9/20/2007	P		33.50	--	--	10.24	23.26	250	<0.50	<0.50	<0.50	<0.50	4.6	2.46	7.29
12/14/2007	P		33.50	--	--	9.90	23.60	280	<0.50	<0.50	<0.50	<0.50	6.9	1.80	6.98
MW-11															
3/13/2002	--		32.54	--	--	10.38	22.16	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--		32.54	--	--	10.74	21.80	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
9/20/2002	--		32.54	--	--	11.27	21.27	<50	<0.50	<0.50	<0.50	<1.50	<0.500	--	--
12/30/2002	--		32.54	--	--	8.73	23.81	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
3/27/2003	--		32.54	--	--	10.25	22.29	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--		32.54	--	--	10.65	21.89	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--

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								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE			
MW-11 Cont.																
9/15/2003	--		32.54	--	--	11.03	21.51	<50	<0.50	<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	<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	<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	<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	<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	<0.50	1.83	6.6
03/10/2005	P		34.55	--	--	8.87	25.68	<100	<0.50	<0.50	<0.50	<4.0	<0.50	<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	<0.50	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	<0.50	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	<0.50	1.53	7.2
12/7/2006	--		34.55	--	--	10.68	23.87	--	--	--	--	--	--	--	--	--
3/12/2007	--		34.55	--	--	9.89	24.66	--	--	--	--	--	--	--	--	--
6/20/2007	--		34.55	--	--	10.84	23.71	--	--	--	--	--	--	--	--	--
9/20/2007	P		34.55	--	--	11.15	23.40	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.32	7.26
12/14/2007	--		34.55	--	--	11.10	23.45	--	--	--	--	--	--	--	--	--
MW-14																
3/13/2002	--		30.46	--	--	8.56	21.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--
6/28/2002	--	q	30.46	--	--	9.12	21.34	--	--	--	--	--	--	--	--	--
9/20/2002	--	q	30.46	--	--	9.79	20.67	--	--	--	--	--	--	--	--	--
12/30/2002	--	q	30.46	--	--	7.13	23.33	--	--	--	--	--	--	--	--	--
3/27/2003	--		30.46	--	--	8.53	21.93	<50	<0.50	0.86	<0.50	<0.50	<0.50	--	--	--
6/30/2003	--	q	30.46	--	--	9.05	21.41	--	--	--	--	--	--	--	--	--
9/15/2003	--	q	30.46	--	--	9.47	20.99	--	--	--	--	--	--	--	--	--
12/04/2003	--	q	30.46	--	--	9.20	21.26	--	--	--	--	--	--	--	--	--
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	<0.50	1.1	--

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.															
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	--	--	--	--	--	--	--	--
3/12/2007	--		32.61	--	--	8.35	24.26	--	--	--	--	--	--	--	--
6/20/2007	--		32.61	--	--	9.33	23.28	--	--	--	--	--	--	--	--
9/20/2007	P		32.61	--	--	9.60	23.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.24	7.42
12/14/2007	--		32.61	--	--	9.53	23.08	--	--	--	--	--	--	--	--
MW-15															
3/13/2002	--		31.41	--	--	10.03	21.38	<50	<0.50	<0.50	<0.50	<0.50	21	--	--
6/28/2002	--		31.41	--	--	10.41	21.00	<50	<0.50	<0.50	<0.50	<0.50	8.7	--	--
9/20/2002	--		31.41	--	--	11.00	20.41	<50	<0.50	<0.50	<0.50	<1.50	21.6	--	--
12/30/2002	--		31.41	--	--	8.33	23.08	<50	<0.50	<0.50	<0.50	<0.50	67	--	--
3/27/2003	--		31.41	--	--	9.83	21.58	<50	<0.50	<0.50	<0.50	<0.50	17	--	--
6/30/2003	--		31.41	--	--	10.00	21.41	<50	<0.50	<0.50	<0.50	<0.50	12	--	--
9/15/2003	--		31.41	--	--	10.67	20.74	<50	<0.50	<0.50	<0.50	<0.50	10	--	--
12/04/2003	P		31.41	--	--	10.47	20.94	<50	<0.50	<0.50	<0.50	<0.50	6.4	2.6	7.0
03/10/2004	P		33.49	--	--	9.09	24.40	<50	<0.50	<0.50	<0.50	<0.50	11	1.5	6.9
06/10/2004	P		33.49	--	--	10.50	22.99	<50	<0.50	<0.50	<0.50	<0.50	5.7	0.5	6.9
09/22/2004	--	r	33.49	--	--	--	--	--	--	--	--	--	--	--	--
12/13/2004	--	r	33.49	--	--	--	--	--	--	--	--	--	--	--	--
03/10/2005	P		33.49	--	--	8.50	24.99	<100	<0.50	<0.50	<0.50	<4.0	5.4	2.7	7.7
06/29/2005	--	r	33.49	--	--	--	--	--	--	--	--	--	--	--	--
09/14/2005	--	r	33.49	--	--	--	--	--	--	--	--	--	--	--	--
12/13/2005	--		33.49	--	--	10.16	23.33	--	--	--	--	--	--	--	--

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.															
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	--	--	--	--	--	--	--	--
3/12/2007	--	j	33.49	--	--	9.60	23.89	--	--	--	--	--	--	--	--
6/20/2007	--		33.49	--	--	10.52	22.97	--	--	--	--	--	--	--	--
9/20/2007	P		33.49	--	--	10.83	22.66	<50	<0.50	<0.50	<0.50	<0.50	11	0.64	7.19
12/14/2007	--		33.49	--	--	10.78	22.71	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--
3/12/2007	--		33.41	--	--	10.18	23.23	--	--	--	--	--	--	--	--

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-16 Cont.															
6/20/2007	--		33.41	--	--	11.10	22.31	--	--	--	--	--	--	--	--
9/20/2007	P		33.41	--	--	11.44	21.97	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	7.30
12/14/2007	--		33.41	--	--	11.41	22.00	--	--	--	--	--	--	--	--
MW-18															
3/13/2002	--		29.70	--	--	9.46	20.24	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--	q	29.70	--	--	10.05	19.65	--	--	--	--	--	--	--	--
9/20/2002	--	q	29.70	--	--	10.67	19.03	--	--	--	--	--	--	--	--
12/30/2002	--	q	29.70	--	--	7.98	21.72	--	--	--	--	--	--	--	--
3/27/2003	--		29.70	--	--	9.18	20.52	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	q	29.70	--	--	9.68	20.02	--	--	--	--	--	--	--	--
9/15/2003	--	q	29.70	--	--	10.30	19.40	--	--	--	--	--	--	--	--
12/04/2003	--	q	29.70	--	--	9.99	19.71	--	--	--	--	--	--	--	--
03/10/2004	--	q	31.87	--	--	8.78	23.09	--	--	--	--	--	--	--	--
06/10/2004	--	q	31.87	--	--	10.12	21.75	--	--	--	--	--	--	--	--
09/22/2004	P		31.87	--	--	10.45	21.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	6.9
12/13/2004	--		31.87	--	--	9.25	22.62	--	--	--	--	--	--	--	--
03/10/2005	--		31.87	--	--	8.35	23.52	--	--	--	--	--	--	--	--
06/29/2005	--		31.87	--	--	9.65	22.22	--	--	--	--	--	--	--	--
09/14/2005	P		31.87	--	--	10.10	21.77	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	6.9
12/13/2005	--		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	--	--	--	--	--	--	--	--	--	--	--	--
3/12/2007	--		31.87	--	--	9.28	22.59	--	--	--	--	--	--	--	--
6/20/2007	--		31.87	--	--	10.15	21.72	--	--	--	--	--	--	--	--
9/20/2007	P		31.87	--	--	10.45	21.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.14	7.22
12/14/2007	--		31.87	--	--	10.47	21.40	--	--	--	--	--	--	--	--
MW-21															

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								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes			MTBE
MW-21 Cont.															
3/13/2002	--		28.72	--	--	9.40	19.32	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--	--
6/28/2002	--	q	28.72	--	--	9.80	18.92	--	--	--	--	--	--	--	--
9/20/2002	--	q	28.72	--	--	10.27	18.45	--	--	--	--	--	--	--	--
12/30/2002	--	q	28.72	--	--	7.70	21.02	--	--	--	--	--	--	--	--
3/27/2003	--		28.72	--	--	9.05	19.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	q	28.72	--	--	9.48	19.24	--	--	--	--	--	--	--	--
9/15/2003	--	q	28.72	--	--	10.06	18.66	--	--	--	--	--	--	--	--
12/04/2003	--	q	28.72	--	--	9.69	19.03	--	--	--	--	--	--	--	--
03/10/2004	--	q	30.67	--	--	8.60	22.07	--	--	--	--	--	--	--	--
06/10/2004	--	q	30.67	--	--	9.85	20.82	--	--	--	--	--	--	--	--
09/22/2004	P		30.67	--	--	10.17	20.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	6.9
12/13/2004	--		30.67	--	--	8.92	21.75	--	--	--	--	--	--	--	--
03/10/2005	--		30.67	--	--	8.10	22.57	--	--	--	--	--	--	--	--
06/29/2005	--		30.67	--	--	9.48	21.19	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
3/12/2007	--		30.67	--	--	9.08	21.59	--	--	--	--	--	--	--	--
6/20/2007	--		30.67	--	--	9.89	20.78	--	--	--	--	--	--	--	--
9/20/2007	P		30.67	--	--	10.20	20.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.28	7.56
12/14/2007	--		30.67	--	--	10.18	20.49	--	--	--	--	--	--	--	--
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	--	--

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								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-22 Cont.															
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
12/7/2006	--		31.43	--	--	10.44	20.99	--	--	--	--	--	--	--	--
3/12/2007	--		31.43	--	--	9.75	21.68	--	--	--	--	--	--	--	--
6/20/2007	--		31.43	--	--	10.64	20.79	--	--	--	--	--	--	--	--
9/20/2007	P		31.43	--	--	10.95	20.48	<50	<0.50	<0.50	<0.50	<0.50	<0.50	10.88	7.40
12/14/2007	--		31.43	--	--	11.03	20.40	--	--	--	--	--	--	--	--
MW-23															
3/13/2002	--		30.99	--	--	11.01	19.98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--	q	30.99	--	--	11.59	19.40	--	--	--	--	--	--	--	--
9/20/2002	--	q	30.99	--	--	12.00	18.99	--	--	--	--	--	--	--	--
12/30/2002	--	q	30.99	--	--	9.42	21.57	--	--	--	--	--	--	--	--
3/27/2003	--		30.99	--	--	11.00	19.99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	q	30.99	--	--	11.47	19.52	--	--	--	--	--	--	--	--
9/15/2003	--	q	30.99	--	--	11.84	19.15	--	--	--	--	--	--	--	--
12/04/2003	--	q	30.99	--	--	11.61	19.38	--	--	--	--	--	--	--	--
03/10/2004	--	q	33.16	--	--	10.24	22.92	--	--	--	--	--	--	--	--
06/10/2004	--	q	33.16	--	--	11.60	21.56	--	--	--	--	--	--	--	--

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								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MTBE		
MW-23 Cont.															
09/22/2004	P		33.16	--	--	11.95	21.21	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	6.9
12/13/2004	--		33.16	--	--	10.88	22.28	--	--	--	--	--	--	--	--
03/10/2005	--		33.16	--	--	9.63	23.53	--	--	--	--	--	--	--	--
06/29/2005	--		33.16	--	--	11.28	21.88	--	--	--	--	--	--	--	--
09/14/2005	P		33.16	--	--	11.70	21.46	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	6.9
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	1.71	7.3
12/7/2006	--		33.16	--	--	11.50	21.66	--	--	--	--	--	--	--	--
3/12/2007	--		33.16	--	--	10.76	22.40	--	--	--	--	--	--	--	--
6/20/2007	--		33.16	--	--	11.68	21.48	--	--	--	--	--	--	--	--
9/20/2007	P		33.16	--	--	11.95	21.21	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	7.19
12/14/2007	--		33.16	--	--	12.05	21.11	--	--	--	--	--	--	--	--
MW-25															
3/13/2002	--		33.81	--	--	10.99	22.82	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--		33.81	--	--	11.26	22.55	<50	<0.50	<0.50	<0.50	<0.50	36	--	--
9/20/2002	--		33.81	--	--	11.65	22.16	117	<0.50	<0.50	<0.50	<1.50	259	--	--
12/30/2002	--	d, f	33.81	--	--	9.33	24.48	95	13	<0.50	<0.50	<0.50	98	--	--
3/27/2003	--		33.81	--	--	10.82	22.99	150	<0.50	<0.50	<0.50	<0.50	90	--	--
6/30/2003	--		33.81	--	--	11.20	22.61	<500	<5.0	<5.0	<5.0	<5.0	130	--	--
9/15/2003	--		33.81	--	--	11.62	22.19	220	<1.0	<1.0	<1.0	<1.0	140	--	--
12/04/2003	P		33.81	--	--	11.41	22.40	81	<0.50	<0.50	<0.50	<0.50	36	1.2	7.0
03/10/2004	P		36.33	--	--	10.04	26.29	<50	<0.50	<0.50	<0.50	<0.50	14	1.2	6.7
06/10/2004	P		36.33	--	--	11.40	24.93	<50	<0.50	<0.50	<0.50	<0.50	17	0.8	7.1
09/22/2004	P		36.33	--	--	11.74	24.59	<50	<0.50	<0.50	<0.50	<0.50	29	1.1	7.0
12/13/2004	P		36.33	--	--	10.72	25.61	<50	<0.50	<0.50	<0.50	<0.50	44	1.22	6.9
03/10/2005	P		36.33	--	--	9.45	26.88	<100	<0.50	<0.50	<0.50	<4.0	7.4	2.0	7.7
06/29/2005	P		36.33	--	--	10.91	25.42	<50	<0.50	<0.50	<0.50	<0.50	20	0.97	6.9
09/14/2005	P		36.33	--	--	11.35	24.98	<50	<0.50	<0.50	<0.50	<0.50	8.0	1.2	6.9

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.															
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	--	--	11.33	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
3/12/2007	P		36.33	--	--	10.47	25.86	<50	<0.50	<0.50	<0.50	<0.50	7.3	2.77	7.28
6/20/2007	P		36.33	--	--	11.40	24.93	<50	<0.50	<0.50	<0.50	<0.50	2.8	0.66	7.24
9/20/2007	P		36.33	--	--	11.74	24.59	<50	<0.50	<0.50	<0.50	<0.50	4.7	1.94	7.29
12/14/2007	P		36.33	--	--	11.36	24.97	<50	<0.50	<0.50	<0.50	<0.50	5.2	1.61	6.98
MW-26															
3/13/2002	--		33.71	--	--	11.27	22.44	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
6/28/2002	--	q	33.71	--	--	11.70	22.01	--	--	--	--	--	--	--	--
9/20/2002	--	q	33.71	--	--	12.10	21.61	--	--	--	--	--	--	--	--
12/30/2002	--	q	33.71	--	--	9.60	24.11	--	--	--	--	--	--	--	--
3/27/2003	--		33.71	--	--	11.15	22.56	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--
6/30/2003	--	q	33.71	--	--	11.61	22.10	--	--	--	--	--	--	--	--
9/15/2003	--	q	33.71	--	--	12.01	21.70	--	--	--	--	--	--	--	--
12/04/2003	--	q	33.71	--	--	11.78	21.93	--	--	--	--	--	--	--	--
03/10/2004	--	q	35.70	--	--	10.45	25.25	--	--	--	--	--	--	--	--
06/10/2004	--	q	35.70	--	--	11.82	23.88	--	--	--	--	--	--	--	--
09/22/2004	P		35.70	--	--	12.05	23.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	7.0
12/13/2004	--		35.70	--	--	11.08	24.62	--	--	--	--	--	--	--	--
03/10/2005	--		35.70	--	--	9.80	25.90	--	--	--	--	--	--	--	--
06/29/2005	--		35.70	--	--	11.30	24.40	--	--	--	--	--	--	--	--
09/14/2005	P		35.70	--	--	11.55	24.15	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	6.8
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	--	--	--	--	--	--	--	--

**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.															
3/12/2007	--		35.70	--	--	10.87	24.83	--	--	--	--	--	--	--	--
6/20/2007	--		35.70	--	--	11.80	23.90	--	--	--	--	--	--	--	--
9/20/2007	P		35.70	--	--	12.13	23.57	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	7.21
12/14/2007	--		35.70	--	--	12.14	23.56	--	--	--	--	--	--	--	--

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	--	--	--	--	--	--	--	--	a
9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/04/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
E-1A									
3/27/2003	<100	<20	60	<0.50	<0.50	2.3	--	--	
6/30/2003	<100	<20	37	<0.50	<0.50	1.6	<0.50	<0.50	
9/15/2003	<100	<20	49	<0.50	<0.50	2.4	<0.50	<0.50	
12/04/2003	<100	<20	19	<0.50	<0.50	0.89	--	--	
03/10/2004	<200	<40	38	<1.0	<1.0	2.3	<1.0	<1.0	
06/10/2004	<100	<20	46	<0.50	<0.50	2.2	<0.50	<0.50	
09/22/2004	<100	<20	17	<0.50	<0.50	0.98	<0.50	<0.50	
12/13/2004	<100	<20	15	<0.50	<0.50	0.75	<0.50	<0.50	
03/10/2005	<100	<10	22	<0.50	<0.50	0.95	<0.50	<0.50	
06/29/2005	<100	<20	14	<0.50	<0.50	0.74	<0.50	<0.50	
09/14/2005	<100	<20	13	<0.50	<0.50	<0.50	<0.50	<0.50	c
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	
3/12/2007	<300	<20	5.6	<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	
E-1A Cont.									
6/20/2007	<300	<20	6.8	<0.50	<0.50	<0.50	<0.50	<0.50	
9/20/2007	<300	<20	0.80	<0.50	<0.50	<0.50	<0.50	<0.50	
12/14/2007	<300	<20	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	c
MW-5									
3/27/2003	<100	24	59	<0.50	<0.50	2.2	--	--	
6/30/2003	<100	22	58	<0.50	<0.50	2.1	<0.50	<0.50	
9/15/2003	<500	<100	61	<2.5	<2.5	2.5	--	--	
12/04/2003	<100	<20	42	<0.50	<0.50	1.9	--	--	
03/10/2004	<100	<20	9.5	<0.50	<0.50	<0.50	<0.50	<0.50	
06/10/2004	<100	<20	31	<0.50	<0.50	1.0	<0.50	<0.50	
09/22/2004	<100	<20	15	<0.50	<0.50	<0.50	<0.50	<0.50	
12/13/2004	<100	<20	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2005	<100	<10	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	b
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	
3/12/2007	<300	<20	5.8	<0.50	<0.50	<0.50	<0.50	<0.50	
9/20/2007	<300	<20	4.3	<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	

**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-8 Cont.									
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	
3/12/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/20/2007	<300	<20	13	<0.50	<0.50	1.2	<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	
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	
9/20/2007	<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	

**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-10 Cont.									
12/7/2006	<300	24	10	<0.50	<0.50	<0.50	<0.50	<0.50	
3/12/2007	<300	46	18	<0.50	<0.50	<0.50	<0.50	<0.50	
6/20/2007	<300	<20	5.9	<0.50	<0.50	<0.50	<0.50	<0.50	
9/20/2007	<300	<20	4.6	<0.50	<0.50	<0.50	<0.50	<0.50	
12/14/2007	<300	<20	6.9	<0.50	<0.50	<0.50	<0.50	<0.50	c
MW-11									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
6/30/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/15/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/04/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
03/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
06/10/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/22/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
12/13/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
03/10/2005	<100	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	b
06/29/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
09/14/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	c
9/22/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
9/20/2007	<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	
9/20/2007	<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	

**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-15 Cont.									
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	
9/20/2007	<300	<20	11	<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	
9/20/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-18									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
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	
9/20/2007	<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	--	--	
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	
9/20/2007	<300	<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-22									
3/27/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	--	--	
9/15/2003	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
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	
9/20/2007	<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	--	--	
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	
9/20/2007	<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	
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

**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.									
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	
3/12/2007	<300	<20	7.3	<0.50	<0.50	2.9	<0.50	<0.50	
6/20/2007	<300	<20	2.8	<0.50	<0.50	1.3	<0.50	<0.50	
9/20/2007	<300	<20	4.7	<0.50	<0.50	1.9	<0.50	<0.50	
12/14/2007	<300	<20	5.2	<0.50	<0.50	1.8	<0.50	<0.50	c
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	
9/20/2007	<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
3/12/2007	West	0.003
6/20/2007	West	0.004
9/20/2007	West	0.003
12/14/2007	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	---	---	---
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	---	---	---

**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)
06/05/95		27,721	2.4	848,810	88,460	1.9	ND	0.09	4.65	ND	0.003	0.29	---	---	---
07/06/95		28,464	0.1	921,260	72,450	1.6	270	0.08	4.74	2.4	0.001	0.29	---	---	---
08/21/95	d	29,568	0.0	993,320	72,060	1.1	230	0.15	4.89	1.8	0.001	0.29	---	---	---
06/05/00	e	29,592	---	976,600	---	---	700	---	4.89	7.2	---	0.29	361.0	---	0.000
06/05/00		29,593	0.0	979,800	3,200	2.1	700	0.02	4.91	7.2	0.000	0.29	361.0	0.01	0.010
07/08/00		30,352	4.2	1,131,560	151,760	3.3	133	0.53	5.43	5.1	0.008	0.30	272.0	0.40	0.410
08/07/00		30,955	16.3	1,228,240	96,680	2.7	144	0.11	5.54	2.8	0.003	0.30	126.0	0.16	0.570
09/08/00		31,528	25.4	1,306,300	78,060	2.3	261	0.13	5.68	2.7	0.002	0.30	120.0	0.08	0.651
10/10/00		32,230	8.6	1,393,820	87,520	2.1	114	0.14	5.81	ND	0.001	0.31	ND	0.04	0.694
11/07/00		32,880	3.3	1,472,930	79,110	2.0	128	0.08	5.89	ND	0.000	0.31	98.6	0.03	0.727
12/05/00		33,516	5.4	1,548,840	75,910	2.0	167	0.09	5.99	0.8	0.000	0.31	104.0	0.06	0.791
01/04/01		33,924	43.3	1,595,340	46,500	1.9	ND	0.03	6.02	ND	0.000	0.31	86.8	0.04	0.828
02/06/01		34,556	20.2	1,672,330	76,990	2.0	203	0.07	6.08	0.6	0.000	0.31	80.5	0.05	0.882
03/08/01		34,776	69.5	1,698,860	26,530	2.0	219	0.05	6.13	ND	0.000	0.31	81.0	0.02	0.899
03/24/01	†	35,088	18.7	1,741,170	42,310	2.3	---	0.07	6.20	---	0.000	0.31	---	0.03	0.928
04/18/01		35,335	59.0	1,770,860	29,690	2.0	75	0.04	6.24	ND	0.000	0.31	97.5	0.02	0.950
05/04/01		35,716	0.0	1,812,690	41,830	1.8	63	0.02	6.26	ND	0.000	0.31	93.2	0.03	0.983
06/09/01		36,345	27.1	1,879,710	67,020	1.8	64	0.04	6.30	ND	0.000	0.31	71.0	0.05	1.029
07/05/01	f	36,469	80.1	1,897,180	17,470	2.3	100	0.01	6.31	ND	0.000	0.31	430.0	0.04	1.066
08/14/01	f	36,822	63.3	1,928,510	31,330	1.5	290	0.05	6.36	2.2	0.000	0.31	870.0	0.17	1.235
09/05/01		37,219	24.8	1,977,050	48,540	2.0	<100	0.06	6.42	<1.0	0.000	0.31	340.0	0.24	1.480
10/05/01		37,932	0.0	2,040,950	63,900	1.5	ND	0.00	6.42	ND	0.000	0.31	150.0	0.13	1.611
11/13/01		38,820	0.0	2,119,670	78,720	1.5	ND	0.00	6.42	ND	0.000	0.31	92.0	0.08	1.690
12/11/01		39,496	0.0	2,186,530	66,860	1.6	65	0.02	6.44	ND	0.000	0.31	83.0	0.05	1.739
01/04/02		40,063	0.0	2,248,700	62,170	1.8	<50	0.02	6.46	ND	0.000	0.31	140.0	0.06	1.797
02/05/02		40,830	0.2	2,333,090	84,390	1.8	100	0.04	6.49	ND	0.000	0.31	190.0	0.12	1.913
03/05/02		40,968	79.4	2,353,460	20,370	2.5	150	0.02	6.51	<1.2	0.000	0.31	350.0	0.05	1.959
04/08/02		41,735	6.0	2,448,360	94,900	2.1	400	0.22	6.73	9.6	0.004	0.31	260.0	0.24	2.200
05/16/02		42,642	0.6	2,499,320	50,960	0.9	310	0.15	6.88	<1.0	0.002	0.31	330.0	0.13	2.325
05/31/02		42,832	47.2	2,503,380	4,060	0.4	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325
08/19/02	g	44,925	---	2,520,289	16,909	0.1	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325
10/03/02	g	44,956	---	2,520,582	293	0.2	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325
10/07/02	g	44,956	---	2,522,394	1,812	---	160	0.00	6.89	<1.0	0.000	0.31	130.0	0.00	2.329
11/07/02	h	0	---	2,527,925	5,531	---	250	0.01	6.89	<1.0	0.000	0.31	210.0	0.01	2.337
12/05/02		479	28.7	2,528,113	188	0.0	220	0.00	6.89	<1.0	0.000	0.31	110.0	0.00	2.337
01/03/03		1,174	0.1	2,591,359	63,246	1.5	170	0.10	7.00	<1.0	0.000	0.31	140.0	0.07	2.403
02/13/03		2,156	0.2	2,692,710	101,351	1.7	<250	0.07	7.07	<2.5	0.000	0.31	66.0	0.09	2.490
03/27/03		3,165	0.0	2,790,668	97,958	1.6	110	0.04	7.11	<0.50	0.000	0.31	71.0	0.06	2.546
04/24/03		4,172	0.0	2,865,050	74,382	1.2	120	0.07	7.19	<0.50	0.000	0.31	56.0	0.04	2.585
05/30/03		4,459	66.7	2,931,190	66,140	3.8	20	0.04	7.22	<5.0	0.000	0.31	<50	0.00	2.585
06/19/03		4,940	0.0	2,971,985	40,795	1.4	160	0.03	7.25	<5.0	0.000	0.31	46.0	0.01	2.593
07/24/03		5,331	86.3	2,972,362	181,694	1.4	51	0.12	7.38	<0.50	0.000	0.31	41.0	0.08	2.678
08/28/03		6,165	0.8	3,040,900	68,538	1.4	<50	0.01	7.39	<0.50	0.000	0.31	30.0	0.02	2.698
09/25/03		6,838	0.0	3,095,020	54,120	1.3	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.01	2.711
10/23/03		7,512	0.0	3,149,200	177,215	1.1	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.04	2.753
11/20/03		8,182	0.3	3,204,612	55,412	1.4	<50	0.00	7.39	<0.50	0.000	0.31	22.0	0.01	2.764

**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)
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
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	j	34,379	0.8	4,732,186	6	0.0	---	0.00	7.54	---	0.000	0.31	---	0.000	2.968
01/02/07	k	34,380.0	99.9	4,732,190	4	0.11	<50	0.00	7.54	<0.50	0.000	0.31	1.4	0.000	2.968
01/12/07	l	34,380.0	100.0	4,732,200	10	---	---	---	---	---	---	---	---	---	---

**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)
01/24/07	m	34,669.6	0.0	4,732,220	20	0.00	---	---	---	---	---	---	---	---	---
01/29/07		NM	---	4,737,810	5,590	---	---	---	---	---	---	---	---	---	---
02/05/07		34,960.0	0.0	4,742,700	4,890	0.60	70	0.01	7.55	<0.50	0.000	0.31	7.1	0.000	2.968
02/20/07		35,316.4	1.0	4,751,030	8,330	0.39	---	---	---	---	---	---	---	---	---
03/05/07		35,630.6	0.0	4,756,760	5,730	0.30	87	0.01	7.56	<0.50	0.000	0.31	5.8	0.001	2.969
03/12/07	n	35,795.3	2.0	4,759,580	2,820	0.29	---	---	---	---	---	---	---	---	---
03/19/07		35,968.3	0.0	4,762,270	2,690	0.26	---	---	---	---	---	---	---	---	---
03/28/07	o	36,178.3	2.8	4,762,980	710	0.06	---	---	---	---	---	---	---	---	---
03/30/07	p	36,178.3	100.0	4,762,980	0	---	---	---	---	---	---	---	---	---	---
04/02/07	q	NM	---	4,762,980	0	---	---	---	---	---	---	---	---	---	---
04/10/07	r	36,178	0.0	4,762,985	5	---	---	---	---	---	---	---	---	---	---
04/16/07	s	36,323.8	1.3	6,538.48	6,538.48	0.75	<50	0.00	7.56	<0.50	0.000	0.31	6.5	0.001	2.970
05/01/07		36,683.4	0.1	22,352.50	15,814.02	0.73	<50	<0.007	7.56	<0.50	<0.0001	0.31	6.9	0.001	2.971
05/15/07		37,018.0	0.4	37,628.90	15,276.40	0.76	---	---	---	---	---	---	---	---	---
05/29/07		37,355.0	0.3	51,253.00	13,624.10	0.67	---	---	---	---	---	---	---	---	---
06/04/07		37,499.6	0.4	56,605.80	5,352.80	0.62	<50	<0.002	7.56	<0.50	0.000	0.31	7.1	0.002	2.973
06/26/07		38,027.3	0.1	77,395.90	20,790.10	0.66	---	---	---	---	---	---	---	---	---
07/02/07		38,172.0	0.0	83,568.70	6,172.80	0.71	<50	0.00	7.56	<0.50	0.000	0.31	5.9	0.001	2.974
07/17/07		38,530.0	0.6	99,501.60	15,932.90	0.74	---	---	---	---	---	---	---	---	---
07/26/07		38,749.3	0.0	109,186.00	9,684.40	0.74	---	---	---	---	---	---	---	---	---
08/01/07		38,889.8	2.4	114,716.00	5,530.00	0.66	<50	0.00	7.56	<0.50	0.00	0.31	8.0	0.002	2.976
08/07/07		39,032.6	0.8	120,435.00	5,719.00	0.67	---	---	---	---	---	---	---	---	---
08/20/07		39,344.2	0.1	133,470.00	13,035.00	0.70	---	---	---	---	---	---	---	---	---
09/05/07	q	39,729.2	0.0	143,614.00	10,144.00	0.44	<50	0.00	7.56	<0.50	0.00	0.31	6.2	0.002	2.978
09/25/07	r	39,729.2	100.0	20.00	20.00	---	---	---	---	---	---	---	---	---	---
10/01/07		39,873.4	0.0	6,280.00	6,260.00	0.72	<50	0.00	7.56	<0.50	0.00	0.31	3.5	0.000	2.978
10/17/07		40,254.0	0.9	22,920.00	16,640.00	0.73	---	---	---	---	---	---	---	---	---
10/30/07		40,567.0	0.0	28,080.00	5,160.00	0.27	---	---	---	---	---	---	---	---	---
11/06/07		40,739.0	0.0	35,610.00	7,530.00	0.73	<50	0.00	7.56	<0.50	0.00	0.31	4.7	0.001	2.979
11/20/07		41,072.0	0.9	50,290.00	14,680.00	0.73	---	---	---	---	---	---	---	---	---
12/05/07	t	41,432.0	0.0	66,090.00	15,800.00	0.73	<50	0.00	7.56	<0.50	0.00	0.31	4.7	0.001	2.980

REPORTING PERIOD:	10/01/07 to 12/05/07		
CUMULATIVE GALLONS EXTRACTED:	8,968,839		
PERIOD GALLONS EXTRACTED:	66,070		
TOTAL POUNDS REMOVED:		7.56	2.980
TOTAL GALLONS REMOVED:		1.24	0.48
AVERAGE PERIOD FLOW RATE (gpm):	0.65		
PERIOD PERCENT OPERATIONAL:	99.9%		
PERIOD POUNDS REMOVED:		0.000	0.002
PERIOD GALLONS REMOVED:		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.
- j. The GWE system was shutdown on December 5, 2006, pending change of operator information on the sewer discharge permit.
- k. The GWE system was shutdown after collecting samples on January 2, 2007, pending receipt and verification of analytical results.
- l. GWE system re-started after receipt and verification of effluent results for samples collected on January 2, 2007.
- m. GWE system found to be non-operating and was likely shutdown due to clogging of particulate filter. Replaced filter bags and re-started.
- n. Filter bags replaced.
- o. GWE system shutdown for carbon changeout.
- p. GWE system re-started after carbon changeout.
- q. The flow totalizer was observed to be non-functioning upon arrival at site. The system was shutdown pending replacement of totalizer.
- r. GWE system re-started after replacing totalizer. Starting reading of new totalizer = 0.00.
- s. Volume estimated from the initial and final readings of new totalizer.
- t. The GWE System was shutdown permanently.

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 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	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	370	14	0.34	14	2.4	---	---	---	---	---
03/17/92	160	18	0.32	0.56	1.6	---	---	---	---	---
04/15/92	200	11	<0.30	7.3	0.77	---	---	---	---	---
05/14/92	45	1.4	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	97	25	<0.50	8.5	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	96	7.7	13	0.56	9.7	---	---	---	---	---
01/18/93	100	13	6.6	1.1	11	---	---	---	---	---
02/22/93	480	36	29	4.9	96	---	---	---	---	---
03/15/93	310	29	14	4.9	55	---	---	---	---	---
04/09/93	140	11	2.8	2.6	17	---	---	---	---	---
05/13/93	530	27	12	18	96	---	---	---	---	---
06/04/93	170	5.2	1.6	2.5	23	---	---	---	---	---
07/20/93	200	12	0.91	8.2	29	---	---	---	---	---
08/16/93	150	4.9	0.63	2.9	15	---	---	---	---	---
09/13/93	80	2.2	<0.50	<0.50	4.8	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	73	3.5	<0.50	1.9	8.4	---	---	---	---	---
01/18/94	60	3.1	<0.50	3.2	4.3	---	---	---	---	---
02/17/94	<50	2.5	<0.50	2.1	3.1	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	110	7.8	<1.0	9.6	<1.0	---	---	---	---	---
05/13/94	230	8.3	<0.50	14	6	---	---	---	---	---
06/14/94	230	12	<0.50	16	1.5	---	---	---	---	---
07/14/94	270	6.9	<0.50	15	1.9	---	---	---	---	---
08/18/94	<50	1.8	<0.50	1.5	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	0.66	<0.50	2.6	<0.50	---	---	---	---	---
12/05/94	470	32	0.59	29	6.2	---	---	---	---	---
01/04/95	<50	1.1	<0.50	1.4	<0.50	---	---	---	---	---
02/06/95	100	2.4	1.1	1.2	2.8	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/04/95	290	6.6	<0.50	10	1.7	---	---	---	---	---
05/02/95	240	7.1	<0.50	3.2	1.6	---	---	---	---	---
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/06/95	270	2.4	<0.50	7.6	1	---	---	---	---	---
08/21/95	230	1.8	<0.50	1.6	0.92	---	---	---	---	---
06/05/00	700	7.24	<1.0	2.11	<1.0	361	---	---	---	---

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)										
07/08/00	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	---	---	---	---
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	---	---	---	---

**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)										
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	---	---	---	---
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									
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	1.4	---	<10	---	---
02/05/07	70	<0.50	<0.50	<0.50	<0.50	7.1	---	---	---	---
03/05/07	87	<0.50	<0.50	<0.50	<0.50	5.8	---	---	---	---
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	6.5	NS	NS	NM	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	6.9	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	7.1	NS	NS	NM	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	5.9	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	8.0	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	6.2	NS	NS	NM	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	3.5	NS	NS	NM	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM
12/05/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM
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	---	---	---	---	---	---	---	---	---	---

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)										
10/16/92	---	---	---	---	---	---	---	---	---	---
11/18/92	---	---	---	---	---	---	---	---	---	---
12/17/92	---	---	---	---	---	---	---	---	---	---
01/18/93	---	---	---	---	---	---	---	---	---	---
02/22/93	---	---	---	---	---	---	---	---	---	---
03/15/93	---	---	---	---	---	---	---	---	---	---
04/09/93	---	---	---	---	---	---	---	---	---	---
05/13/93	---	---	---	---	---	---	---	---	---	---
06/04/93	---	---	---	---	---	---	---	---	---	---
07/14/94	ND	ND	ND	ND	ND	---	---	---	---	---
08/17/94	---	---	---	---	---	---	---	---	---	---
09/12/94	---	---	---	---	---	---	---	---	---	---
10/18/94	---	---	---	---	---	---	---	---	---	---
11/05/94	---	---	---	---	---	---	---	---	---	---
12/05/94	---	---	---	---	---	---	---	---	---	---
01/04/95	---	---	---	---	---	---	---	---	---	---
02/06/95	---	---	---	---	---	---	---	---	---	---
03/02/95	---	---	---	---	---	---	---	---	---	---
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	5.7	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	9	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	26	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	17	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	39	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	58	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	55	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	100	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	51	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	66	---	---	---	---
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	---	---	---	---

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)										
5/30/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	140	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (1.3) ²	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	1.1	---	---	---	---
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	1.2	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.3	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	1.2	---	---	---	---
03/18/04	67	<0.50	<0.50	<0.50	<1.0	1.4	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	1.5	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.3	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	2.0	---	---	---	---
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	1.8	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.6	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	2.0	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	1.5	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	1.9	---	---	---	---
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
02/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.9	---	---	---	---
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	2.4	---	---	---	---
05/18/05	58 ³	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	3.2	---	---	---	---
08/25/05	<50	<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									
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	4.3	NS	NS	NM	NM

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)										
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	6.0	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	6.7	NS	NS	NM	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
12/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
MID-2 (between secondary and tertiary carbons)										
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	---	---	---	---	---	---	---	---	---	---
09/08/00	---	---	---	---	---	---	---	---	---	---
10/10/00	---	---	---	---	---	---	---	---	---	---
11/07/00	---	---	---	---	---	---	---	---	---	---
12/05/00	---	---	---	---	---	---	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.94	---	---	---	---
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5) ²	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
03/18/04	86	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---

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										
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	---	---	---	---
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									
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	2.1	---	---	---	---
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	4.5	---	---	---	---
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	4.2	---	---	---	---
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	6.3	NS	NS	NM	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM
07/02/07	<50	0.55	<0.50	<0.50	<0.50	3.8	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
10/01/07	<50	0.55	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
12/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM

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)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
11/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/22/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/09/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/04/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/20/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/16/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
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	---

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

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)										
04/20/05	<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									
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.86	---
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.79	---
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.31	---
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.8	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.7	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.5	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<10	8.26	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	<10	8.14	NM
8/20/2007 ⁶	---	---	---	---	---	---	<30	---	---	---
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.52	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.49	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.55	NM
12/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.54	NM

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

6 = Resampled to collect COD analysis not performed on 8/1/2007.

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 9, 2008

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

General Information

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

Phone Number: (530) 676-6000

On-Site Supplier Representatives: David DeMello and Greg Wilkins

Sampling Date: December 14, 2007

Arrival: 03:30 *Departure:* 08:00

Weather Conditions: Clear

Unusual Field Conditions: None

Scope of Work Performed: Quarterly monitoring and sampling

Variations from Work Scope: Well E-1A purged dry before three casing volumes were removed. Well 642H is located in a residential area. The property owner has not responded to written requests to enter property. The pump is down in well 17372VM, therefore it was not sampled.

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include field data sheets, non-hazardous waste data 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:

- Field Data Sheets
- Non-Hazardous Waste Data Form
- Chain of Custody Documentation
- Certified Analytical Results

CC: Mr. Paul Supple, BP/ARCO



Global ID: T660100085
 Site Address: 17601 HESPERIAN BLVD
 City: SAN LORENZO
 Sampled By: J. SLATEL

Site Number: ARCO 608
 Project No: E608-03
 Project PM: J. JOHNSON
 Date: 12-14-07

ORIGINAL

Signature: J. Slattel Date: 12-14-07

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	0345	12.27		13.36		4	2.0			X					MW-5		
MW-8	0353	10.71		20.70		3	1.0			X					MW-8		
MW-9	0359	10.28		18.10		3	1.0			X					MW-9		
MW-10	0545	9.90		22.22	12.32	3	1.0	12.32	12.5		X			9.90	MW-10	0612	1.80
MW-11	0415	11.10		18.55		3	1.0			X					MW-11		
E-1A	0650	9.77		22.45	12.68	6	4.4	55.79	20			X		10.93	E-1A	0725	2.87
MW-14	0421	9.53		22.87		3	1.0			X					MW-14		
MW-15	0428	10.78		23.02		3	1.0			X					MW-15		
MW-16	0433	11.41		22.89		3	1.0			X					MW-16		
MW-18	0440	10.47		21.27		3	1.0			X					MW-18		
MW-21	0451	10.18		21.38		3	1.0			X					MW-21		
MW-22	0505	11.03		21.30		3	1.0			X					MW-22		
MW-23	0519	12.05		21.52		3	1.0			X					MW-23		
MW-25	0348	11.36		18.26	6.90	2	0.5	3.45	3.5			X		11.37	MW-25	0525	1.61
MW-26	0405	12.14		19.25		2	0.5			X					MW-26		
642H	CAN NOT ACCESS														642H	N/A	N/A
17372JM	CAN NOT ACCESS														17372JM	N/A	N/A
TB0608 12142007																	

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

pH calibration

Make Oakton Model _____



Site Address 17601 HESPERIAN BLVD
 City SAN LORENZO
 Site Sampled by J. SLATER

Site Number ARLO 608
 Project No. E608-03
 Project PM J. JOHNSON
 Date Sampled 12-14-07

ORIGINAL

Well ID <u>MW-10</u> <u>0525</u>					Well ID <u>E-1A</u> <u>0725</u>				
purge start time <u>BAILER</u> <u>ODOR</u>					purge start time <u>0707</u>				
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time	<u>17.7</u>	<u>7.03</u>	<u>786</u>	<u>∅</u>	time	<u>15.2</u>	<u>7.54</u>	<u>530</u>	<u>∅</u>
time	<u>18.3</u>	<u>6.98</u>	<u>772</u>	<u>6</u>	time	<u>DRY @ 20991</u>			
time					time <u>0720</u>	<u>17.9</u>	<u>7.27</u>	<u>824</u>	<u>(20)</u>
time					time				
purge stop time <u>ORP (203)</u>					purge stop time <u>ORP (198)</u>				
Well ID <u>MW-25</u> <u>0612</u>					Well ID				
purge start time <u>BAILER</u> <u>No ODOR</u>					purge start time				
	Temp C	pH	cond	gallons		Temp C	pH	cond	gallons
time	<u>17.3</u>	<u>7.03</u>	<u>935</u>	<u>∅</u>	time				
time	<u>17.5</u>	<u>7.05</u>	<u>915</u>	<u>3.5</u>	time				
time	<u>18.5</u>	<u>6.98</u>	<u>791</u>	<u>12.5</u>	time				
time					time				
purge stop time <u>ORP (178)</u>					purge stop time				
Well ID					Well ID				
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					Well ID				
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				

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>0330</u>	Temp: <u>Low 40's</u>
Off-site Time: <u>0800</u>	Temp: <u>HIGH 40's</u>
Sky Conditions: <u>CLEAR</u>	
Meteorological Events: _____	
Wind Speed: _____	Direction: <u>→</u>

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 Boulevard, 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.: <u>E608-03</u>
Tele/Fax: <u>408-782-8156 408-782-6308 (fax)</u>	Enfos Project No.: <u>G0C24-0017</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 I with EDF</u>
<u>San Ramon, CA</u>	Sub Phase/Task: <u>03-Analytical</u>	E-mail EDD To: <u>shayes@stratusinc.net</u>
Tele/Fax: <u>925-275-3506</u>	Cost Element: <u>01-Contractor labor</u>	Invoice to: <u>Atlantic Richfield Co.</u>

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	GRE	BTEX	S OXY	EDB	1,2 DCA	ETHANOL						
1	MW-10	0612	12/14	X				3				X				X	X	X	X	X					
2	E-1A	0725	↓					3																	
3	MW-25	0525	↓					6																	
4																									
5	TB 0608 12142007	0600	2007 12/14	X				2																	HOLD
6																									
7																									
8																									
9																									
10																									

Sampler's Name: <u>JOSH SLATER</u>	Relinquished By / Affiliation: <u>J. Slater / STRATUS</u>	Date: <u>12/14/07</u>	Time: <u>0940</u>	Accepted By / Affiliation: <u>Q Neas</u>	Date: <u>12/14/07</u>	Time: <u>0940</u>
Sampler's Company: <u>Stratus Environmental, Inc.</u>						
Shipment Date: <u>12-14-07</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

4 January, 2008

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MQL0557

Enclosed are the results of analyses for samples received by the laboratory on 12/14/07 20:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Race
Senior Project Manager

CA ELAP Certificate # 2682

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: G0C24-0017
Project Manager: Jay Johnson

MQL0557
Reported:
01/04/08 16:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-10	MQL0557-01	Water	12/14/07 06:12	12/14/07 20:15
E-1A	MQL0557-02	Water	12/14/07 07:25	12/14/07 20:15
MW-25	MQL0557-03	Water	12/14/07 05:25	12/14/07 20:15

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

These samples were received with intact custody seals.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0557
Reported:
01/04/08 16:00

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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MW-10 (MQL0557-01) Water Sampled: 12/14/07 06:12 Received: 12/14/07 20:15

Gasoline Range Organics (C4-C12)	280	50	ug/l	1	7L27010	12/27/07	12/27/07	LUFT GCMS
Surrogate: 1,2-Dichloroethane-d4		91 %	60-150		"	"	"	"
Surrogate: Dibromofluoromethane		94 %	75-130		"	"	"	"
Surrogate: Toluene-d8		103 %	75-120		"	"	"	"
Surrogate: 4-Bromofluorobenzene		117 %	55-130		"	"	"	"

E-1A (MQL0557-02) Water Sampled: 12/14/07 07:25 Received: 12/14/07 20:15

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L27010	12/27/07	12/27/07	LUFT GCMS
Surrogate: 1,2-Dichloroethane-d4		91 %	60-150		"	"	"	"
Surrogate: Dibromofluoromethane		94 %	75-130		"	"	"	"
Surrogate: Toluene-d8		100 %	75-120		"	"	"	"
Surrogate: 4-Bromofluorobenzene		99 %	55-130		"	"	"	"

MW-25 (MQL0557-03) Water Sampled: 12/14/07 05:25 Received: 12/14/07 20:15

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L27010	12/27/07	12/27/07	LUFT GCMS
Surrogate: 1,2-Dichloroethane-d4		92 %	60-150		"	"	"	"
Surrogate: Dibromofluoromethane		92 %	75-130		"	"	"	"
Surrogate: Toluene-d8		101 %	75-120		"	"	"	"
Surrogate: 4-Bromofluorobenzene		96 %	55-130		"	"	"	"

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0557
Reported:
01/04/08 16:00

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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MW-10 (MQL0557-01) Water Sampled: 12/14/07 06:12 Received: 12/14/07 20:15

tert-Amyl methyl ether	ND	0.50	ug/l	1	7L27010	12/27/07	12/27/07	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	6.9	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>	91 %	60-150	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>	103 %	75-120	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	117 %	55-130	"	"	"	"	"	"	

E-1A (MQL0557-02) Water Sampled: 12/14/07 07:25 Received: 12/14/07 20:15

tert-Amyl methyl ether	ND	0.50	ug/l	1	7L27010	12/27/07	12/27/07	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	2.0	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>	91 %	60-150	"	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>	100 %	75-120	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	99 %	55-130	"	"	"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0557
Reported:
01/04/08 16:00

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-25 (MQL0557-03) Water Sampled: 12/14/07 05:25 Received: 12/14/07 20:15									
tert-Amyl methyl ether	1.8	0.50	ug/l	1	7L27010	12/27/07	12/27/07	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	5.2	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		92 %	75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92 %	60-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		101 %	75-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96 %	55-130		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0557
Reported:
01/04/08 16:00

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L27010 - EPA 5030B P/T / LUFT GCMS

Blank (7L27010-BLK1)

Prepared & Analyzed: 12/27/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.38		"	2.50		95	60-150			
Surrogate: Dibromofluoromethane	2.38		"	2.50		95	75-130			
Surrogate: Toluene-d8	2.46		"	2.50		98	75-120			
Surrogate: 4-Bromofluorobenzene	2.43		"	2.50		97	55-130			

Laboratory Control Sample (7L27010-BS2)

Prepared & Analyzed: 12/27/07

Gasoline Range Organics (C4-C12)	503	50	ug/l	500		101	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.25		"	2.50		90	60-150			
Surrogate: Dibromofluoromethane	2.36		"	2.50		94	75-130			
Surrogate: Toluene-d8	2.58		"	2.50		103	75-120			
Surrogate: 4-Bromofluorobenzene	2.61		"	2.50		104	55-130			

Laboratory Control Sample Dup (7L27010-BS2)

Prepared & Analyzed: 12/27/07

Gasoline Range Organics (C4-C12)	495	50	ug/l	500		99	55-130	2	20	
Surrogate: 1,2-Dichloroethane-d4	2.36		"	2.50		94	60-150			
Surrogate: Dibromofluoromethane	2.33		"	2.50		93	75-130			
Surrogate: Toluene-d8	2.57		"	2.50		103	75-120			
Surrogate: 4-Bromofluorobenzene	2.52		"	2.50		101	55-130			

Matrix Spike (7L27010-MS1)

Source: MQL0557-03

Prepared & Analyzed: 12/27/07

Gasoline Range Organics (C4-C12)	563	50	ug/l	550	ND	102	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.06		"	2.50		82	60-150			
Surrogate: Dibromofluoromethane	2.31		"	2.50		92	75-130			
Surrogate: Toluene-d8	2.56		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.55		"	2.50		102	55-130			

Matrix Spike Dup (7L27010-MSD1)

Source: MQL0557-03

Prepared & Analyzed: 12/27/07

Gasoline Range Organics (C4-C12)	590	50	ug/l	550	ND	107	25-150	5	20	
Surrogate: 1,2-Dichloroethane-d4	2.24		"	2.50		90	60-150			
Surrogate: Dibromofluoromethane	2.47		"	2.50		99	75-130			
Surrogate: Toluene-d8	2.61		"	2.50		104	75-120			
Surrogate: 4-Bromofluorobenzene	2.62		"	2.50		105	55-130			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0557
Reported:
01/04/08 16:00

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L27010 - EPA 5030B P/T / EPA 8260B

Blank (7L27010-BLK1)

Prepared & Analyzed: 12/27/07

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>	2.38		"	2.50		95	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.38		"	2.50		95	60-150			
<i>Surrogate: Toluene-d8</i>	2.46		"	2.50		98	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.43		"	2.50		97	55-130			

Laboratory Control Sample (7L27010-BS1)

Prepared & Analyzed: 12/27/07

tert-Amyl methyl ether	12.1	0.50	ug/l	10.0		121	75-125			
Benzene	10.6	0.50	"	10.0		106	75-120			
tert-Butyl alcohol	188	20	"	200		94	80-120			
Di-isopropyl ether	10.8	0.50	"	10.0		108	70-130			
1,2-Dibromoethane (EDB)	11.3	0.50	"	10.0		113	75-130			
1,2-Dichloroethane	9.34	0.50	"	10.0		93	65-130			
Ethanol	144	300	"	200		72	50-150			
Ethyl tert-butyl ether	11.0	0.50	"	10.0		110	75-130			
Ethylbenzene	10.3	0.50	"	10.0		103	80-125			
Methyl tert-butyl ether	11.2	0.50	"	10.0		112	80-130			
Toluene	10.9	0.50	"	10.0		109	80-120			
Xylenes (total)	33.3	0.50	"	30.0		111	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.47		"	2.50		99	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.32		"	2.50		93	60-150			
<i>Surrogate: Toluene-d8</i>	2.58		"	2.50		103	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.52		"	2.50		101	55-130			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0557
Reported:
01/04/08 16:00

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L27010 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7L27010-MS1)	Source: MQL0557-03			Prepared & Analyzed: 12/27/07						
tert-Amyl methyl ether	12.4	0.50	ug/l	10.0	1.84	106	75-140			
Benzene	10.8	0.50	"	10.0	ND	108	80-120			
tert-Butyl alcohol	189	20	"	200	ND	94	80-125			
Di-isopropyl ether	10.4	0.50	"	10.0	ND	104	75-135			
1,2-Dibromoethane (EDB)	9.68	0.50	"	10.0	ND	97	80-135			
1,2-Dichloroethane	8.39	0.50	"	10.0	ND	84	65-145			
Ethanol	166	300	"	200	ND	83	50-150			
Ethyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	80-135			
Ethylbenzene	10.6	0.50	"	10.0	ND	106	75-130			
Methyl tert-butyl ether	14.4	0.50	"	10.0	5.21	92	75-145			
Toluene	11.1	0.50	"	10.0	ND	111	80-125			
Xylenes (total)	33.9	0.50	"	30.0	ND	113	75-125			
<i>Surrogate: Dibromofluoromethane</i>	2.31		"	2.50		92	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.06		"	2.50		82	60-150			
<i>Surrogate: Toluene-d8</i>	2.56		"	2.50		102	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.55		"	2.50		102	55-130			

Matrix Spike Dup (7L27010-MSD1)	Source: MQL0557-03			Prepared & Analyzed: 12/27/07						
tert-Amyl methyl ether	14.1	0.50	ug/l	10.0	1.84	123	75-140	13	25	
Benzene	10.9	0.50	"	10.0	ND	109	80-120	1	20	
tert-Butyl alcohol	191	20	"	200	ND	96	80-125	1	25	
Di-isopropyl ether	11.1	0.50	"	10.0	ND	111	75-135	7	25	
1,2-Dibromoethane (EDB)	11.0	0.50	"	10.0	ND	110	80-135	13	30	
1,2-Dichloroethane	9.20	0.50	"	10.0	ND	92	65-145	9	25	
Ethanol	151	300	"	200	ND	75	50-150	10	25	
Ethyl tert-butyl ether	11.3	0.50	"	10.0	ND	113	80-135	11	25	
Ethylbenzene	10.4	0.50	"	10.0	ND	104	75-130	2	20	
Methyl tert-butyl ether	16.5	0.50	"	10.0	5.21	113	75-145	14	25	
Toluene	11.0	0.50	"	10.0	ND	110	80-125	1	25	
Xylenes (total)	33.7	0.50	"	30.0	ND	112	75-125	0.5	20	
<i>Surrogate: Dibromofluoromethane</i>	2.47		"	2.50		99	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.24		"	2.50		90	60-150			
<i>Surrogate: Toluene-d8</i>	2.61		"	2.50		104	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.62		"	2.50		105	55-130			

TestAmerica Morgan Hill

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: G0C24-0017
Project Manager: Jay Johnson

MQL0557
Reported:
01/04/08 16:00

Notes and Definitions

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



bp
A BP affiliated 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

On-site Time: <u>0330</u>	Temp: <u>Low 40's</u>
Off-site Time: <u>0800</u>	Temp: <u>High 40's</u>
Sky Conditions: <u>CLEAR</u>	
Meteorological Events: _____	
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 Boulevard, San Lorenzo</u>	Address: <u>3330 Cameron Park Drive, Suite 550</u>
Morgan Hill, CA 95937	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.: <u>E608-03</u>
Tele/Fax: <u>408-782-8156 408-782-6308 (fax)</u>	Enfos Project No.: <u>G0C24-0017</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>shaves@stratusinc.net</u>
Tele/Fax: <u>925-275-3506</u>	Cost Element: <u>01-Contractor labor</u>	Invoice to: <u>Atlantic Richfield Co.</u>

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	Geo	STEX	SOX	EP2	1,2 DCA		ETHANOL
1	MW-10	0612	12/14	X			-01	3												
2	E-1A	0725	↓	↓			-02	3						X	X	X	X	X	X	
3	MW-25	0525	↓	↓			-03	6						↓	↓	↓	↓	↓	↓	
4																				
5	TB 0608	12/14/2007	12/14	X				2												REVISED
6																				HOLD Cancel
7																				
8																				
9																				
10																				

Sampler's Name: <u>Josh Slater</u>	Relinquished By / Affiliation: <u>J. Slater / STRATUS</u>	Date: <u>12/14/07</u>	Time: <u>0940</u>	Accepted By / Affiliation: <u>J. Slater</u>	Date: <u>12/14/07</u>	Time: <u>0940</u>
Shipment Date: <u>12-14-07</u>	Shipment Method: <u>STRATUS</u>	Shipment Tracking No: _____	Special Instructions: <u>Please cc results to mllier@broadbentinc.com</u>	Accepted By / Affiliation: <u>J. Slater</u>	Date: <u>12/14/07</u>	Time: <u>1100</u>
				Accepted By / Affiliation: <u>William TAMM</u>	Date: <u>12/14/07</u>	Time: <u>2014</u>

Custody Seals In Place: (Yes) No | Temp Blank: Yes / No | Cooler Temp on Receipt: 3.6 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: (Yes) No



bp
A BP affiliated 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

On-site Time: <u>0330</u>	Temp: <u>Low 40's</u>
Off-site Time: <u>0800</u>	Temp: <u>High 40's</u>
Sky Conditions: <u>CLEAR</u>	
Meteorological Events: _____	
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 Boulevard, San Lorenzo</u>	Address: <u>3330 Cameron Park Drive, Suite 550</u>
Morgan Hill, CA 95937	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.: <u>E608-03</u>
Tele/Fax: <u>408-782-8156 408-782-6308 (fax)</u>	Enfos Project No.: <u>G0C24-0017</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 I with EDF</u>
<u>San Ramon, CA</u>	Sub Phase/Task: <u>03-Analytical</u>	E-mail EDD To: <u>shayes@stratusinc.net</u>
Tele/Fax: <u>925-275-3506</u>	Cost Element: <u>01-Contractor labor</u>	Invoice to: <u>Atlantic Richfield Co.</u>

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	GLP	BTEX	S OXY	EDB	1,2 DCA		ETHANOL			
1	MW-10	0612	12/14	X			-01	3															
2	E-1A	0725	↓				-02	3					X	X	X	X	X	X					
3	MW-25	0525	↓				-03	6															
4																							
5	TB 0608	12/14	2007 12/14	X				2	1														HOLD
6																							
7																							
8																							
9																							
10																							

Sampler's Name: <u>JOSH SLATER</u>	Relinquished By / Affiliation: <u>J. Slater / STRATUS</u>	Date: <u>12/14/07</u>	Time: <u>0940</u>	Accepted By / Affiliation: <u>J. Slater</u>	Date: <u>12/14/07</u>	Time: <u>0940</u>
Sampler's Company: <u>Stratus Environmental, Inc.</u>	<u>Ed Masterson</u>	<u>12/14</u>	<u>1650</u>	<u>Ed Masterson</u>	<u>12/14</u>	<u>1100</u>
Shipment Date: <u>12-14-07</u>	<u>Ed Masterson</u>	<u>12/14</u>	<u>2015</u>	<u>Phyllis / TAMH</u>	<u>12/14/07</u>	<u>2014</u>
Shipment Method: <u>STRATUS</u>						
Shipment Tracking No:						

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

Custody Seals In Place: (Yes) / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 3.6 °C | Trip Blank: Yes / No | MS/MSD Sample Submitted: (Yes) / No

PROBLEM CHAIN-OF-CUSTODY

MQL0557

DATE/TIME 12/15/07 0835 DATE RECEIVED 12/14/07
CLIENT STRATUS / ARCO TURN AROUND TIME STD
CLIENT SERVICES REP LISA ANALYST PH

PROBLEM

RECEIVED 2 TEMP BLANKS (LOOK LIKE TAMH PROVIDED) -
THE CLIENT WROTE "TB 0608 12142007" ON THE "TEMP BLANK" LABEL.

RESOLUTION

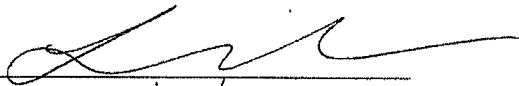
Client Instruction* Cancel Trip Blank. See attached reversal
CUC.

Telephone Number of Client: e-mail

Client Contact for Instruction: S. Hayes

Date and Time of Instruction: 12/18/07 @ 9:50 A

Date & Time Form Given to Sample Control: 12/18/07

CLIENT SERVICES REP. SIGNATURE: 

DATE/TIME: 12/18/07

*If client does not return call within 24 hours, please route this form to the Laboratory Director.

Lisa Race

MLQ0557

From: Sandy Hayes [shayes@stratusinc.net]
Sent: Tuesday, December 18, 2007 9:42 AM
To: Lisa Race
Subject: RE: Problem COC for ARCO#0608
Attachments: Revised COC 608.pdf

REVISED

Hi Lisa,

Please cancel the trip blank on this COC. The wrong bottle was used to obtain the trip blank sample.

Thank you,

Sandy Hayes
Stratus Environmental, Inc.
3330 Cameron Park Drive, Suite 550
Cameron Park, CA 95682
shayes@stratusinc.net
Phone: 530.313.9964
Fax: 530.676.6005

-----Original Message-----

From: Lisa Race [mailto:lisa.race@testamericainc.com]
Sent: Monday, December 17, 2007 9:10 AM
To: knagaraju@stratusinc.net; scarter@stratusinc.net; Sandy Hayes; Scott Bittinger; Sonia Nandi
Subject: Problem COC for ARCO#0608

The sample designated as the trip blank for this project is in a container labeled as a temperature blank. We received 2 containers labeled as temperature blank. The temperature blanks that are prepared by the Morgan Hill Lab do not meet the criteria for trip blanks and should not be relabeled for use as trip blanks. Please let me know if you would like to cancel the trip blank on this COC or if you would like to continue to use the re-labeled temperature blank as the trip blank.

Feel free to contact me with any questions. Please note new e-mail address:
Lisa.Race@Testamericainc.com

LISA RACE
Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

885 Jarvis Drive
Morgan Hill, CA 95037
Tel 408.782.8156 | Fax 408.782.6308
www.testamericainc.com www.stl-inc.com

The holiday season is upon us. TestAmerica is dedicated to maintaining the highest level of customer satisfaction. Our facility will be closed December 24th, 25th and January 1st, 2008. We will be open for sample receiving and pre-scheduled courier service on December 31st, the day before the New Year's Day holiday. We will also have a limited Project Management staff to assist you with your needs on

12/18/2007

December 31st. Please contact your project manager with your holiday scheduling needs. Thank you and Happy Holidays!

Confidentiality Notice: The information contained in this message is intended only for the use of the addressee, and may be confidential and/or privileged. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

REVISED

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: STRATUS
REC. BY (PRINT): PH
WORKORDER: ML0557

DATE REC'D AT LAB: 12/14/07
TIME REC'D AT LAB: 2015
DATE LOGGED IN: 12/18/07

For Regulatory Purposes?
 DRINKING WATER
 WASTE WATER
 OTHER

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) <input type="radio"/> Present / <input type="radio"/> Absent <input type="radio"/> Intact / <input type="radio"/> Broken*								<div style="transform: rotate(-45deg); font-size: 2em; font-weight: bold;"> SETE COC = Problem COC Group 12/14/07 </div>
2. Chain-of-Custody <input type="radio"/> Present / <input type="radio"/> Absent*								
3. Traffic Reports or Packing List: Present / <input type="radio"/> Absent								
4. Airbill: Airbill / Sticker Present / <input type="radio"/> Absent								
5. Airbill #:								
6. Sample Labels: <input type="radio"/> Present / <input type="radio"/> Absent								
7. Sample IDs: <input type="radio"/> Listed / <input type="radio"/> Not Listed on Chain-of-Custody								
8. Sample Condition: <input type="radio"/> Intact / <input type="radio"/> Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? <input type="radio"/> Yes / <input type="radio"/> No*								
10. Sample received within hold time? <input type="radio"/> Yes / <input type="radio"/> No*								
11. Adequate sample volume received? <input type="radio"/> Yes / <input type="radio"/> No*								
12. Proper preservatives used? <input type="radio"/> Yes / <input type="radio"/> No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*								
14. Read Temp: <u>4.6 °C</u> Correction Factor: <u>-1.0</u> Corrected Temp: <u>3.6 °C</u> Is corrected temp. 0-6°C? <input type="radio"/> Yes / <input type="radio"/> No**								
**Exception (if any): Metals / Perchlorate DFF on Ice or Problem COC								

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

APPENDIX B

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



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

November 5, 2007

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

Re: Remediation System Operation and Maintenance Data Package, ARCO Service Station
No. 608, located at 17601 Hesperian Boulevard, San Lorenzo, California

General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes and Kiran Nagaraju / Jay Johnson

Phone Number: (530) 676-6007 / (530) 676-6000

On-Site Supplier Representative: Chris Hill

System Overview: Groundwater Extraction and Treatment System

Operational Status: Continuous operation

Number of Site Visits: 3 (October 1, 17, and 30, 2007)


Scope of Work Performed: Conduct routine operation and maintenance and record system measurements. System samples were collected on October 1, 2007.

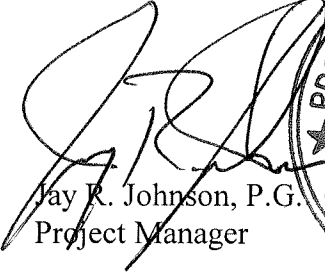
Variations from Work Scope: None


The attachments include field data sheets, 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.


Kiran Nagaraju
Staff Engineer


Jay R. Johnson, P.G.
Project Manager



Attachments:

- Field Data Sheets
- Chain of Custody Documentation
- Certified Analytical Results

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: 10-1-07 Technician: CHILL
 Onsite Time: 0823 Weather Conditions: Clouds
 Offsite Time: 0915 Ambient Temperature: 60
 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 NA Non-operational

Electric Meter Reading: 51609
 Hour Meter Reading: 39873.4

Flow Totalizer Reading Before Carbon Treatment: NA

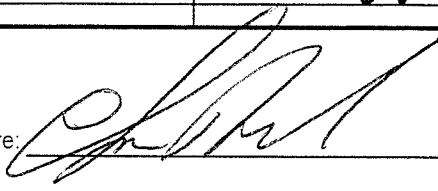
Flow Totalizer Reading After Carbon Treatment: 6280

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	6	6	6	2

Sample Port	Field Measurements (Monthly)		
	Temperature	pH	Electrical Conductivity
	°F	units	msiemens
Effluent	17.7	7.49	934

Sampling Information (Monthly)			
Sample ID	Date & Time	Sample ID	Date & Time
00608WINF	0845	T1360810107	0830
00608WGAC1	0835		
00608WGAC2	0838		
00608WEFF	0830		

Signature:  Date: 10-1-07

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

ORIGINAL

Date: 101707 Technician: CHL
 Onsite Time: 0610 Weather Conditions: Clouds
 Offsite Time: 0645 Ambient Temperature: 55
 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 NA Non-operational

Electric Meter Reading: 51636
 Hour Meter Reading: 40254

Flow Totalizer Reading Before Carbon Treatment: NA

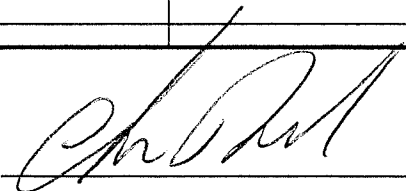
Flow Totalizer Reading After Carbon Treatment: 22920

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	4	4	3	2

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:  Date: 101707

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

 ORIGINAL

Date: 103007 Technician: PHILL
 Onsite Time: 0630 Weather Conditions: Cloudy
 Offsite Time: 0700 Ambient Temperature: 50
 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: 51667
 Hour Meter Reading: 40567

Flow Totalizer Reading Before Carbon Treatment: —

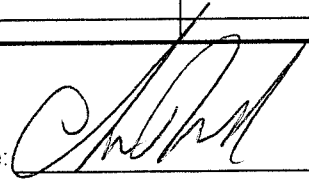
Flow Totalizer Reading After Carbon Treatment: 28080

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	4	4	4	3

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:  Date: 103007

Chain of Custody Record

Project Name: ARCO Facility No. 608
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda
 State or Lead Regulatory Agency: California Regional Water Quality Control Board
 Requested Due Date (mm/dd/yy): 24 hours for Effluent & STD for others



On-site Time: <u>0823</u>	Temp: <u>60</u>
Off-site Time: <u>0915</u>	Temp: <u>60</u>
Sky Conditions: <u>Rain</u>	
Meteorological Events:	
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, CA</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.: <u>E608-03</u>
Tele/Fax: <u>408-782-8156/408-782-6308</u>	Enfos Project No.: <u>G0C24-0017</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>03-O&M</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>shayes@stratusinc.net</u>
Tele/Fax: <u>925-275-3506/925-275-3815</u>	Cost Element: <u>Subcontractor Cost</u>	Invoice to: <u>Atlantic Richfield Co.</u>

Lab Bottle Order No:				Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Turnaround Time		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	GRO	BTEX	5-Oxygenates	TSS	COD	24-hours	Standard	
1	00608WINF	0845	10/14		x							x	x	x				x		5-oxygenates requested are MTBE, DIPE, ETBE, TAME, and TBA. The 24-hour TAT rush on 00608EFF is only for GRO, BTEX, and 5-Oxys.TSS and COD are to be analyzed on a STD. TAT.	
2	00608WGAC1	0835	)		x							x	x	x				x		
3	00608WGAC2	0838			x								x	x	x				x		
4	00608WEFF	0830			x				x		y		x	x	x	x	x	x			
5																					
6																					
7																					
8																					
9	TBL0810107	0850	10/10/07		x															Hold	
10																					

Sampler's Name: <u>Chris Hill</u>	Relinquished By / Affiliation: <u>[Signature] Stratus</u>	Date: <u>10/17</u>	Time: <u>1130</u>	Accepted By / Affiliation: <u>JULIE N. TAMM</u>	Date: <u>10/17/07</u>	Time: <u>1130</u>
Sampler's Company: <u>Stratus Environmental, Inc.</u>						
Shipment Date: <u>10-1-07</u>						
Shipment Method: <u>Stamps</u>						
Shipment Tracking No:						

Special Instructions: Please cc results to Bpedf@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

19 October, 2007

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MQJ0008

Enclosed are the results of analyses for samples received by the laboratory on 10/01/07 11:30. 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.

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
00608WINF	MQJ0008-01	Water	10/01/07 08:45	10/01/07 11:30
00608WGAC1	MQJ0008-02	Water	10/01/07 08:35	10/01/07 11:30
00608WGAC2	MQJ0008-03	Water	10/01/07 08:38	10/01/07 11:30
00608WEFF	MQJ0008-04	Water	10/01/07 08:30	10/01/07 11:30
TB60810107	MQJ0008-05	Water	10/01/07 08:50	10/01/07 11:30

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 no custody seals.

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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Total Purgeable Hydrocarbons by GC/MS (CA LUFT)
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
00608WINF (MQJ0008-01) Water Sampled: 10/01/07 08:45 Received: 10/01/07 11:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7J11008	10/11/07	10/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		85 %	70-130		"	"	"	"	
Surrogate: Dibromofluoromethane		96 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		92 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	60-135		"	"	"	"	
00608WGAC1 (MQJ0008-02) Water Sampled: 10/01/07 08:35 Received: 10/01/07 11:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7J11008	10/11/07	10/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		85 %	70-130		"	"	"	"	
Surrogate: Dibromofluoromethane		99 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		93 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88 %	60-135		"	"	"	"	
00608WGAC2 (MQJ0008-03) Water Sampled: 10/01/07 08:38 Received: 10/01/07 11:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7J11003	10/10/07	10/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		"	"	"	"	
Surrogate: Dibromofluoromethane		107 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	60-135		"	"	"	"	
00608WEFF (MQJ0008-04) Water Sampled: 10/01/07 08:30 Received: 10/01/07 11:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7J02005	10/02/07	10/02/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		105 %	60-125		"	"	"	"	
Surrogate: Dibromofluoromethane		97 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86 %	60-135		"	"	"	"	

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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Volatile Organic Compounds by EPA Method 8260B
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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00608WINF (MQJ0008-01) Water **Sampled: 10/01/07 08:45** **Received: 10/01/07 11:30**

tert-Amyl methyl ether	ND	0.50	ug/l	1	7J11008	10/11/07	10/11/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	3.5	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		96 %		75-120	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		85 %		70-130	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		90 %		60-135	"	"	"	"	

00608WGAC1 (MQJ0008-02) Water **Sampled: 10/01/07 08:35** **Received: 10/01/07 11:30**

tert-Amyl methyl ether	ND	0.50	ug/l	1	7J11008	10/11/07	10/11/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		99 %		75-120	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		85 %		70-130	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		93 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		88 %		60-135	"	"	"	"	

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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Volatile Organic Compounds by EPA Method 8260B
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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00608WGAC2 (MQJ0008-03) Water **Sampled: 10/01/07 08:38** **Received: 10/01/07 11:30**

tert-Amyl methyl ether	ND	0.50	ug/l	1	7J11003	10/10/07	10/11/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		107 %	75-120		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		95 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		90 %	60-135		"	"	"	"	

00608WEFF (MQJ0008-04) Water **Sampled: 10/01/07 08:30** **Received: 10/01/07 11:30**

tert-Amyl methyl ether	ND	0.50	ug/l	1	7J02005	10/02/07	10/02/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		97 %	75-120		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	60-125		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		95 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86 %	60-135		"	"	"	"	

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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Conventional Chemistry Parameters by APHA/EPA Methods
TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
00608WEFF (MQJ0008-04) Water Sampled: 10/01/07 08:30 Received: 10/01/07 11:30									
Chemical Oxygen Demand	ND	30000	ug/l	1	7J04038	10/03/07	10/03/07	EPA 410.4	
Total Suspended Solids	ND	10000	"	"	7J03018	10/02/07	10/03/07	SM 2540D	

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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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
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Batch 7J02005 - EPA 5030B P/T / LUFT GCMS

Blank (7J02005-BLK1) Prepared & Analyzed: 10/02/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.70		"	2.50		108	60-125			
Surrogate: Dibromofluoromethane	2.48		"	2.50		99	75-120			
Surrogate: Toluene-d8	2.37		"	2.50		95	80-120			
Surrogate: 4-Bromofluorobenzene	2.10		"	2.50		84	60-135			

Laboratory Control Sample (7J02005-BS2) Prepared & Analyzed: 10/02/07

Gasoline Range Organics (C4-C12)	562	50	ug/l	500		112	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.53		"	2.50		101	60-125			
Surrogate: Dibromofluoromethane	2.36		"	2.50		94	75-120			
Surrogate: Toluene-d8	2.58		"	2.50		103	80-120			
Surrogate: 4-Bromofluorobenzene	2.52		"	2.50		101	60-135			

Laboratory Control Sample Dup (7J02005-BSD2) Prepared & Analyzed: 10/02/07

Gasoline Range Organics (C4-C12)	519	50	ug/l	500		104	65-120	8	20	
Surrogate: 1,2-Dichloroethane-d4	2.64		"	2.50		106	60-125			
Surrogate: Dibromofluoromethane	2.41		"	2.50		96	75-120			
Surrogate: Toluene-d8	2.58		"	2.50		103	80-120			
Surrogate: 4-Bromofluorobenzene	2.54		"	2.50		102	60-135			

Matrix Spike (7J02005-MS1) Prepared & Analyzed: 10/02/07
Source: MQJ0004-05

Gasoline Range Organics (C4-C12)	569	50	ug/l	560	ND	102	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.55		"	2.50		102	60-125			
Surrogate: Dibromofluoromethane	2.58		"	2.50		103	75-120			
Surrogate: Toluene-d8	2.50		"	2.50		100	80-120			
Surrogate: 4-Bromofluorobenzene	2.47		"	2.50		99	60-135			

Matrix Spike Dup (7J02005-MSD1) Prepared & Analyzed: 10/02/07
Source: MQJ0004-05

Gasoline Range Organics (C4-C12)	594	50	ug/l	560	ND	106	65-120	4	20	
Surrogate: 1,2-Dichloroethane-d4	2.60		"	2.50		104	60-125			
Surrogate: Dibromofluoromethane	2.60		"	2.50		104	75-120			
Surrogate: Toluene-d8	2.50		"	2.50		100	80-120			
Surrogate: 4-Bromofluorobenzene	2.55		"	2.50		102	60-135			

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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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
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Batch 7J11003 - EPA 5030B P/T / LUFT GCMS

Blank (7J11003-BLK1)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.30		"	2.50		92	70-130			
Surrogate: Dibromofluoromethane	2.39		"	2.50		96	75-120			
Surrogate: Toluene-d8	2.46		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.35		"	2.50		94	60-135			

Laboratory Control Sample (7J11003-BS2)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	499	50	ug/l	500		100	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.30		"	2.50		92	70-130			
Surrogate: Dibromofluoromethane	2.47		"	2.50		99	75-120			
Surrogate: Toluene-d8	2.47		"	2.50		99	80-120			
Surrogate: 4-Bromofluorobenzene	2.52		"	2.50		101	60-135			

Laboratory Control Sample Dup (7J11003-BSD2)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	507	50	ug/l	500		101	65-120	2	20	
Surrogate: 1,2-Dichloroethane-d4	2.35		"	2.50		94	70-130			
Surrogate: Dibromofluoromethane	2.42		"	2.50		97	75-120			
Surrogate: Toluene-d8	2.44		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.43		"	2.50		97	60-135			

Matrix Spike (7J11003-MS1)

Source: MQJ0030-02

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	536	50	ug/l	550	ND	97	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.40		"	2.50		96	70-130			
Surrogate: Dibromofluoromethane	2.48		"	2.50		99	75-120			
Surrogate: Toluene-d8	2.49		"	2.50		100	80-120			
Surrogate: 4-Bromofluorobenzene	2.37		"	2.50		95	60-135			

Matrix Spike Dup (7J11003-MSD1)

Source: MQJ0030-02

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	552	50	ug/l	550	ND	100	65-120	3	20	
Surrogate: 1,2-Dichloroethane-d4	2.43		"	2.50		97	70-130			
Surrogate: Dibromofluoromethane	2.57		"	2.50		103	75-120			
Surrogate: Toluene-d8	2.45		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.30		"	2.50		92	60-135			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

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
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Batch 7J11008 - EPA 5030B P/T / LUFT GCMS

Blank (7J11008-BLK1)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.07		"	2.50		83	70-130			
Surrogate: Dibromofluoromethane	2.36		"	2.50		94	75-120			
Surrogate: Toluene-d8	2.41		"	2.50		96	80-120			
Surrogate: 4-Bromofluorobenzene	2.34		"	2.50		94	60-135			

Laboratory Control Sample (7J11008-BS2)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	377	50	ug/l	500		75	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.10		"	2.50		84	70-130			
Surrogate: Dibromofluoromethane	2.38		"	2.50		95	75-120			
Surrogate: Toluene-d8	2.44		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.42		"	2.50		97	60-135			

Laboratory Control Sample Dup (7J11008-BSD2)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	397	50	ug/l	500		79	65-120	5	20	
Surrogate: 1,2-Dichloroethane-d4	2.04		"	2.50		82	70-130			
Surrogate: Dibromofluoromethane	2.34		"	2.50		94	75-120			
Surrogate: Toluene-d8	2.44		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.48		"	2.50		99	60-135			

Matrix Spike (7J11008-MS1)

Source: MQI0870-07

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	495	50	ug/l	550	42.7	82	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.15		"	2.50		86	70-130			
Surrogate: Dibromofluoromethane	2.49		"	2.50		100	75-120			
Surrogate: Toluene-d8	2.42		"	2.50		97	80-120			
Surrogate: 4-Bromofluorobenzene	2.52		"	2.50		101	60-135			

Matrix Spike Dup (7J11008-MSD1)

Source: MQI0870-07

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	515	50	ug/l	550	42.7	86	65-120	4	20	
Surrogate: 1,2-Dichloroethane-d4	2.11		"	2.50		84	70-130			
Surrogate: Dibromofluoromethane	2.46		"	2.50		98	75-120			
Surrogate: Toluene-d8	2.40		"	2.50		96	80-120			
Surrogate: 4-Bromofluorobenzene	2.41		"	2.50		96	60-135			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

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
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Batch 7J02005 - EPA 5030B P/T / EPA 8260B

Blank (7J02005-BLK1)

Prepared & Analyzed: 10/02/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.70		"	2.50		108	60-125			
<i>Surrogate: Toluene-d8</i>	2.37		"	2.50		95	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.10		"	2.50		84	60-135			

Laboratory Control Sample (7J02005-BS1)

Prepared & Analyzed: 10/02/07

tert-Amyl methyl ether	10.3	0.50	ug/l	10.0		103	65-135			
Benzene	9.68	0.50	"	10.0		97	75-120			
tert-Butyl alcohol	184	20	"	200		92	60-135			
Di-isopropyl ether	9.98	0.50	"	10.0		100	70-130			
Ethyl tert-butyl ether	10.1	0.50	"	10.0		101	65-130			
Ethylbenzene	10.4	0.50	"	10.0		104	75-120			
Methyl tert-butyl ether	10.4	0.50	"	10.0		104	50-140			
Toluene	9.70	0.50	"	10.0		97	75-120			
Xylenes (total)	31.8	0.50	"	30.0		106	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.51		"	2.50		100	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.55		"	2.50		102	60-125			
<i>Surrogate: Toluene-d8</i>	2.52		"	2.50		101	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.48		"	2.50		99	60-135			

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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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
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Batch 7J02005 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7J02005-MS1)	Source: MQJ0004-05	Prepared & Analyzed: 10/02/07								
tert-Amyl methyl ether	10.2	0.50	ug/l	10.0	ND	102	65-135			
Benzene	9.80	0.50	"	10.0	ND	98	75-120			
tert-Butyl alcohol	186	20	"	200	ND	93	60-135			
Di-isopropyl ether	10.4	0.50	"	10.0	ND	104	70-130			
Ethyl tert-butyl ether	10.3	0.50	"	10.0	ND	103	65-130			
Ethylbenzene	10.2	0.50	"	10.0	ND	102	75-120			
Methyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	50-140			
Toluene	10.0	0.50	"	10.0	0.140	99	75-120			
Xylenes (total)	31.5	0.50	"	30.0	0.340	104	75-130			
Surrogate: Dibromofluoromethane	2.58		"	2.50		103	75-120			
Surrogate: 1,2-Dichloroethane-d4	2.55		"	2.50		102	60-125			
Surrogate: Toluene-d8	2.50		"	2.50		100	80-120			
Surrogate: 4-Bromofluorobenzene	2.47		"	2.50		99	60-135			

Matrix Spike Dup (7J02005-MSD1)	Source: MQJ0004-05	Prepared & Analyzed: 10/02/07								
tert-Amyl methyl ether	10.9	0.50	ug/l	10.0	ND	109	65-135	7	25	
Benzene	10.0	0.50	"	10.0	ND	100	75-120	3	20	
tert-Butyl alcohol	191	20	"	200	ND	96	60-135	3	25	
Di-isopropyl ether	10.8	0.50	"	10.0	ND	108	70-130	4	25	
Ethyl tert-butyl ether	10.8	0.50	"	10.0	ND	108	65-130	5	25	
Ethylbenzene	10.7	0.50	"	10.0	ND	107	75-120	4	20	
Methyl tert-butyl ether	11.1	0.50	"	10.0	ND	111	50-140	8	25	
Toluene	10.2	0.50	"	10.0	0.140	101	75-120	2	25	
Xylenes (total)	33.0	0.50	"	30.0	0.340	109	75-130	5	20	
Surrogate: Dibromofluoromethane	2.60		"	2.50		104	75-120			
Surrogate: 1,2-Dichloroethane-d4	2.60		"	2.50		104	60-125			
Surrogate: Toluene-d8	2.50		"	2.50		100	80-120			
Surrogate: 4-Bromofluorobenzene	2.55		"	2.50		102	60-135			

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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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
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Batch 7J11003 - EPA 5030B P/T / EPA 8260B

Blank (7J11003-BLK1)

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.39		"	2.50		96	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.30		"	2.50		92	70-130			
<i>Surrogate: Toluene-d8</i>	2.46		"	2.50		98	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.35		"	2.50		94	60-135			

Laboratory Control Sample (7J11003-BS1)

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	10.1	0.50	ug/l	10.0		101	65-135			
Benzene	10.1	0.50	"	10.0		101	75-120			
tert-Butyl alcohol	182	20	"	200		91	60-135			
Di-isopropyl ether	9.59	0.50	"	10.0		96	70-130			
Ethyl tert-butyl ether	9.98	0.50	"	10.0		100	65-130			
Ethylbenzene	9.87	0.50	"	10.0		99	75-120			
Methyl tert-butyl ether	9.99	0.50	"	10.0		100	50-140			
Toluene	9.50	0.50	"	10.0		95	75-120			
Xylenes (total)	29.2	0.50	"	30.0		97	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.52		"	2.50		101	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.35		"	2.50		94	70-130			
<i>Surrogate: Toluene-d8</i>	2.47		"	2.50		99	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.37		"	2.50		95	60-135			

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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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
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Batch 7J11003 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7J11003-MS1)	Source: MQJ0030-02			Prepared & Analyzed: 10/11/07						
tert-Amyl methyl ether	11.1	0.50	ug/l	10.0	ND	111	65-135			
Benzene	10.7	0.50	"	10.0	ND	107	75-120			
tert-Butyl alcohol	194	20	"	200	2.44	96	60-135			
Di-isopropyl ether	10.6	0.50	"	10.0	ND	106	70-130			
Ethyl tert-butyl ether	10.7	0.50	"	10.0	ND	107	65-130			
Ethylbenzene	10.4	0.50	"	10.0	ND	104	75-120			
Methyl tert-butyl ether	11.0	0.50	"	10.0	ND	110	50-140			
Toluene	9.96	0.50	"	10.0	ND	100	75-120			
Xylenes (total)	30.0	0.50	"	30.0	ND	100	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.48		"	2.50		99	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.40		"	2.50		96	70-130			
<i>Surrogate: Toluene-d8</i>	2.49		"	2.50		100	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.37		"	2.50		95	60-135			
Matrix Spike Dup (7J11003-MSD1)	Source: MQJ0030-02			Prepared & Analyzed: 10/11/07						
tert-Amyl methyl ether	11.1	0.50	ug/l	10.0	ND	111	65-135	0.5	25	
Benzene	10.4	0.50	"	10.0	ND	104	75-120	3	20	
tert-Butyl alcohol	195	20	"	200	2.44	96	60-135	0.2	25	
Di-isopropyl ether	10.6	0.50	"	10.0	ND	106	70-130	0.7	25	
Ethyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	65-130	5	25	
Ethylbenzene	9.96	0.50	"	10.0	ND	100	75-120	5	20	
Methyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	50-140	2	25	
Toluene	10.0	0.50	"	10.0	ND	100	75-120	0.8	25	
Xylenes (total)	29.3	0.50	"	30.0	ND	98	75-130	2	20	
<i>Surrogate: Dibromofluoromethane</i>	2.57		"	2.50		103	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.43		"	2.50		97	70-130			
<i>Surrogate: Toluene-d8</i>	2.45		"	2.50		98	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.30		"	2.50		92	60-135			

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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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
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Batch 7J11008 - EPA 5030B P/T / EPA 8260B

Blank (7J11008-BLK1)

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.36		"	2.50		94	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.07		"	2.50		83	70-130			
<i>Surrogate: Toluene-d8</i>	2.41		"	2.50		96	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.34		"	2.50		94	60-135			

Laboratory Control Sample (7J11008-BS1)

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	8.86	0.50	ug/l	10.0		89	65-135			
Benzene	10.1	0.50	"	10.0		101	75-120			
tert-Butyl alcohol	205	20	"	200		103	60-135			
Di-isopropyl ether	9.36	0.50	"	10.0		94	70-130			
Ethyl tert-butyl ether	8.12	0.50	"	10.0		81	65-130			
Ethylbenzene	10.0	0.50	"	10.0		100	75-120			
Methyl tert-butyl ether	8.34	0.50	"	10.0		83	50-140			
Toluene	10.1	0.50	"	10.0		101	75-120			
Xylenes (total)	30.9	0.50	"	30.0		103	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.42		"	2.50		97	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.00		"	2.50		80	70-130			
<i>Surrogate: Toluene-d8</i>	2.41		"	2.50		96	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.44		"	2.50		98	60-135			

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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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
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Batch 7J11008 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7J11008-MS1)	Source: MQI0870-07			Prepared & Analyzed: 10/11/07						
tert-Amyl methyl ether	9.18	0.50	ug/l	10.0	0.250	89	65-135			
Benzene	10.3	0.50	"	10.0	0.530	98	75-120			
tert-Butyl alcohol	219	20	"	200	21.1	99	60-135			
Di-isopropyl ether	9.49	0.50	"	10.0	ND	95	70-130			
Ethyl tert-butyl ether	8.26	0.50	"	10.0	ND	83	65-130			
Ethylbenzene	9.77	0.50	"	10.0	0.190	96	75-120			
Methyl tert-butyl ether	28.2	0.50	"	10.0	20.2	80	50-140			
Toluene	9.90	0.50	"	10.0	ND	99	75-120			
Xylenes (total)	29.5	0.50	"	30.0	ND	98	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.49		"	2.50		100	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.15		"	2.50		86	70-130			
<i>Surrogate: Toluene-d8</i>	2.42		"	2.50		97	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.52		"	2.50		101	60-135			
Matrix Spike Dup (7J11008-MSD1)	Source: MQI0870-07			Prepared & Analyzed: 10/11/07						
tert-Amyl methyl ether	9.54	0.50	ug/l	10.0	0.250	93	65-135	4	25	
Benzene	10.7	0.50	"	10.0	0.530	102	75-120	4	20	
tert-Butyl alcohol	225	20	"	200	21.1	102	60-135	3	25	
Di-isopropyl ether	9.82	0.50	"	10.0	ND	98	70-130	3	25	
Ethyl tert-butyl ether	8.75	0.50	"	10.0	ND	88	65-130	6	25	
Ethylbenzene	10.1	0.50	"	10.0	0.190	99	75-120	3	20	
Methyl tert-butyl ether	29.1	0.50	"	10.0	20.2	89	50-140	3	25	
Toluene	10.1	0.50	"	10.0	ND	101	75-120	2	25	
Xylenes (total)	30.3	0.50	"	30.0	ND	101	75-130	2	20	
<i>Surrogate: Dibromofluoromethane</i>	2.46		"	2.50		98	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.11		"	2.50		84	70-130			
<i>Surrogate: Toluene-d8</i>	2.40		"	2.50		96	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.41		"	2.50		96	60-135			

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQJ0008 Reported: 10/19/07 16:00
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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
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Batch 7J04038 - General Preparation / EPA 410.4

Blank (7J04038-BLK1)				Prepared & Analyzed: 10/03/07						
Chemical Oxygen Demand	ND	30000	ug/l							
Laboratory Control Sample (7J04038-BS1)				Prepared & Analyzed: 10/03/07						
Chemical Oxygen Demand	90000	30000	ug/l	100000		90	90-110			
Matrix Spike (7J04038-MS1)	Source: MQI0785-01			Prepared & Analyzed: 10/03/07						
Chemical Oxygen Demand	107000	30000	ug/l	100000	12000	95	75-125			
Matrix Spike Dup (7J04038-MSD1)	Source: MQI0785-01			Prepared & Analyzed: 10/03/07						
Chemical Oxygen Demand	110000	30000	ug/l	100000	12000	98	75-125	3	20	

Batch 7J03018 - General Preparation / SM 2540D

Blank (7J03018-BLK1)				Prepared: 10/02/07 Analyzed: 10/03/07						
Total Suspended Solids	ND	10000	ug/l							
Duplicate (7J03018-DUP1)	Source: MQJ0008-04			Prepared: 10/02/07 Analyzed: 10/03/07						
Total Suspended Solids	4670	10000	ug/l		4000			15	20	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

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

Atlantic Richfield Company

bp
A BP affiliated company

Chain of Custody Record

Project Name: ARCO Facility No. 608
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda
 State or Lead Regulatory Agency: California Regional Water Quality Control Board
 Requested Due Date (mm/dd/yy): 24 hours for Effluent & STD for others

RUSH

On-site Time: <u>0823</u>	Temp: <u>60</u>
Off-site Time: <u>0915</u>	Temp: <u>60</u>
Sky Conditions: <u>Rain</u>	
Meteorological Events:	
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 Morgan Hill, CA 95937</u>	BP/AR Facility Address: <u>17601 Hesperian Blvd., San Lorenzo, CA</u>	Address: <u>3330 Cameron Park Drive, Suite 550 Cameron Park, CA 95682</u>
Lab PM: <u>Lisa Race</u>	Site Lat/Long:	Consultant/Contractor Project No.: <u>E608-03</u>
Tele/Fax: <u>408-782-8156/408-782-6308</u>	California Global ID No.: <u>T0600100085</u>	Consultant/Contractor PM: <u>Jay Johnson</u>
BP/AR PM Contact: <u>Paul Supple</u>	Enfos Project No.: <u>G0C24-0017</u>	Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>
Address: <u>2010 Crow Canyon Place, Suite 150 San Ramon, CA</u>	Provision or OOC (circle one) <u>Provision</u>	Report Type & QC Level: <u>Level 1 with EDF</u>
Tele/Fax: <u>925-275-3506/925-275-3815</u>	Phase/WBS: <u>03-O&M</u>	E-mail EDD To: <u>shaves@stratusinc.net</u>
	Sub Phase/Task: <u>03-Analytical</u>	Invoice to: <u>Atlantic Richfield Co.</u>
	Cost Element: <u>Subcontractor Cost</u>	

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis				Turnaround Time		Sample Point Lat/Long and Comments			
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO	BTEX	5-Oxygenates	TSS (500ml P)	COD	24-hours		Standard		
1	00608WINF	0845	10/14		x		01	6							x	x	x						5-oxygenates requested are MTBE, DIPE, ETBE, TAME, and TBA. The 24-hour TAT rush on 00608EFF is only for GRO, BTEX, and 5-Oxys.TSS and COD are to be analyzed on a STD. TAT.
2	00608WGAC1	0835	10/14		x		02	6						x	x	x							
3	00608WGAC2	0838			x		03	6							x	x	x						
4	00608WEFF	0830			x		04	10		x		x			x	x	x	x	x				
5																							
6																							
7																							
8																							
9	TBL0510107	0850	10/17		x		05	Z															Hold

Sampler's Name: <u>Chris Hill</u>	Relinquished By / Affiliation: <u>Chris Hill Stratus</u>	Date: <u>10/17</u>	Time: <u>1130</u>	Accepted By / Affiliation: <u>JULIEN / TAMH</u>	Date: <u>10/17</u>	Time: <u>1130</u>
Sampler's Company: <u>Stratus Environmental, Inc.</u>						
Shipment Date: <u>10-1-07</u>						
Shipment Method: <u>Stamps</u>						
Shipment Tracking No:						

Special Instructions: Please cc results to Bpedf@Broadbentinc.Com

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 7.8°F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ARCO
 REC. BY (PRINT) JULIE N.
 WORKORDER: _____

DATE REC'D AT LAB: 10/01/07
 TIME REC'D AT LAB: 1130
 DATE LOGGED IN: _____

For Regulatory Purposes?
 DRINKING WATER YES / NO
 WASTE WATER YES / NO 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 / Absent Intact / Broken*								<div style="position: absolute; top: 0; right: 0; text-align: right;">10/01/07</div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); opacity: 0.5;"> Julie N. Rec COC </div>
2. Chain-of-Custody Present / Absent*								
3. Traffic Reports or Packing List: Present / Absent								
4. Airbill: Airbill / Sticker Present / Absent								
5. Airbill #: _____								
6. Sample Labels: Present / Absent								
7. Sample IDs: Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*								
10. Sample received within hold time? Yes / No*								
11. Adequate sample volume received? Yes / No*								
12. Proper preservatives used? Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*								
14. Read Temp: <u>7.8°C</u> Correction Factor: <u>-0°C</u> Corrected Temp: <u>7.8°C</u> Is corrected temp. 0-6°C? Yes / No**								
**Exception (if any): METALS / OFF ON ICE or Problem COC								



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

December 6, 2007

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

Re: Remediation System Operation and Maintenance Data Package, ARCO Service Station
No. 608, located at 17601 Hesperian Boulevard, San Lorenzo, California

General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes and Kiran Nagaraju / Jay Johnson

Phone Number: (530) 676-6007 / (530) 676-6000

On-Site Supplier Representative: Chris Hill

System Overview: Groundwater Extraction and Treatment System

System Status: Continuous operation

Number of Site Visits: 2 (November 6 and 20, 2007)

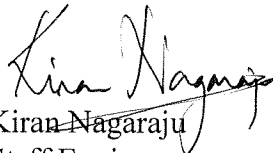
Scope of Work Performed: Conduct routine operation and maintenance and record system measurements. System samples were collected on November 6, 2007.

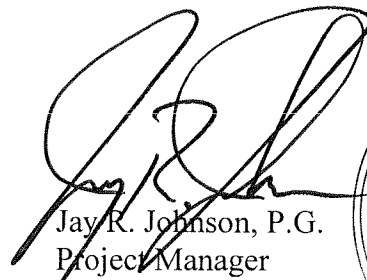
Variations from Work Scope: None


The attachments include field data sheets, 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.


Kiran Nagaraju
Staff Engineer


Jay R. Johnson, P.G.
Project Manager



Attachments:

- Field Data Sheets
- Chain of Custody Documentation
- Certified Analytical Results

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: 11-6-07 Technician: CHILL
 Onsite Time: 0830 Weather Conditions: FOG
 Offsite Time: 0945 Ambient Temperature: 55°
 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: 51685
 Hour Meter Reading: 40739

Flow Totalizer Reading Before Carbon Treatment: N/A

Flow Totalizer Reading After Carbon Treatment: 35610

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	3	3	3	2

Sample Port	Field Measurements (Monthly)		
	Temperature #	pH units	Electrical Conductivity msiemens
Effluent	24.2°	7.55	942

Sampling Information (Monthly)			
Sample ID	Date & Time	Sample ID	Date & Time
00608WINF	11607 0922		
00608WGAC1	) 0919		
00608WGAC2	) 0916		
00608WEFF	) 0914		

TS00811001
 Signature: Chill

Date: 11607

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

ORIGINAL

Date: 112007 Technician: CHILL
 Onsite Time: 0630 Weather Conditions: Clear
 Offsite Time: 0700 Ambient Temperature: 50

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: 51728
 Hour Meter Reading: 41072

Flow Totalizer Reading Before Carbon Treatment: NA

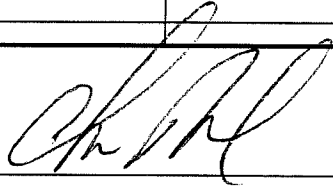
Flow Totalizer Reading After Carbon Treatment: 50290

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

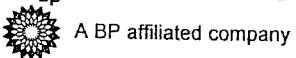
	Particulate Filter	Vessel 1	Vessel 2	Vessel 3
Inlet Pressure, psig	3	3	3.5	3

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

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

Signature:  Date: 112007

Atlantic Richfield Company



Chain of Custody Record

Project Name: ARCO Facility No. 608
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda
 State or Lead Regulatory Agency: California Regional Water Quality Control Board
 Requested Due Date (mm/dd/yy): 24 hours for Effluent & STD for others



On-site Time: <u>0900</u>	Temp:
Off-site Time: <u>0945</u>	Temp:
Sky Conditions:	
Meteorological Events:	
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, CA	Address: 3330 Cameron Park Drive, Suite 550 Cameron Park, CA 95682
Lab PM: Lisa Race	Site Lat/Long:	Consultant/Contractor Project No.: E608-03
Tele/Fax: 408-782-8156/ 408-782-6308	California Global ID No.: T0600100085	Consultant/Contractor PM: Jay Johnson
BP/AR PM Contact: Paul Supple	Enfos Project No.: G0C24-0017	Tele/Fax: (530) 676-6000 / (530) 676-6005
Address: 2010 Crow Canyon Place, Suite 150 San Ramon, CA	Provision or OOC (circle one) Provision	Report Type & QC Level: Level 1 with EDF
Tele/Fax: 925-275-3506/925-275-3815	Phase/WBS: 03-O&M	E-mail EDD To: shaves@stratusinc.net
	Sub Phase/Task: 03-Analytical	Invoice to: Atlantic Richfield Co.
	Cost Element: Subcontractor Cost	

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Turnaround Time		Sample Point Lat/Long and Comments		
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO	BTEX	5-Oxygenates	TSS	COD	24-hours	Standard			
1	00608WINF	0922	11/07	x				5							x	x	x						5-oxygenates requested are MTBE, DIPE, ETBE, TAME, and TBA. The 24-hour TAT rush on 00608EFF is only for GRO, BTEX, and 5-Oxys.TSS and COD are to be analyzed on a STD. TAT.
2	00608WGAC1	0919	11/07	x				5							x	x	x						
3	00608WGAC2	0912	11/07	x				5							x	x	x						
4	00608WEFF	0914		x				9		X		X			x	x	x	x	x				
5																							
6	T360511607	0920	11/07	X				2														Hold	

Sampler's Name: <u>Chris Hill</u>	Relinquished By / Affiliation: <u>[Signature]</u> Stratus	Date: <u>11/07</u>	Time: <u>1145</u>	Accepted By / Affiliation: <u>JUVEN. / TAMH</u>	Date: <u>11/6/07</u>	Time: <u>1145</u>
Sampler's Company: Stratus Environmental, Inc.						
Shipment Date: <u>11-6-07</u>						
Shipment Method: <u>TIVWUS</u>						
Shipment Tracking No:						

Special Instructions: Please cc results to Bpedf@Broadbentinc.Com

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 7.8 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

20 November, 2007

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MQK0162

Enclosed are the results of analyses for samples received by the laboratory on 11/06/07 11:45. 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: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
00608WINF	MQK0162-01	Water	11/06/07 09:22	11/06/07 11:45
00608WGAC1	MQK0162-02	Water	11/06/07 09:19	11/06/07 11:45
00608WGAC2	MQK0162-03	Water	11/06/07 09:16	11/06/07 11:45
00608WEFF	MQK0162-04	Water	11/06/07 09:14	11/06/07 11:45
TB60811607	MQK0162-05	Water	11/06/07 09:30	11/06/07 11:45

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.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
00608WINF (MQK0162-01) Water Sampled: 11/06/07 09:22 Received: 11/06/07 11:45									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7K11001	11/10/07	11/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		92 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		112 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		93 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		75 %	55-130		"	"	"	"	
00608WGAC1 (MQK0162-02) Water Sampled: 11/06/07 09:19 Received: 11/06/07 11:45									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7K11001	11/10/07	11/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		92 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		111 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		92 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		74 %	55-130		"	"	"	"	
00608WGAC2 (MQK0162-03) Water Sampled: 11/06/07 09:16 Received: 11/06/07 11:45									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7K16007	11/16/07	11/16/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		102 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		101 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		94 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89 %	55-130		"	"	"	"	
00608WEFF (MQK0162-04) Water Sampled: 11/06/07 09:14 Received: 11/06/07 11:45									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7K06011	11/06/07	11/07/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		102 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		102 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		98 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92 %	55-130		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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00608WINF (MQK0162-01) Water **Sampled: 11/06/07 09:22** **Received: 11/06/07 11:45**

tert-Amyl methyl ether	ND	0.50	ug/l	1	7K11001	11/10/07	11/11/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	4.7	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		112 %	75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92 %	60-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		93 %	75-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		75 %	55-130		"	"	"	"	

00608WGAC1 (MQK0162-02) Water **Sampled: 11/06/07 09:19** **Received: 11/06/07 11:45**

tert-Amyl methyl ether	ND	0.50	ug/l	1	7K11001	11/10/07	11/11/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		111 %	75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92 %	60-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92 %	75-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		74 %	55-130		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
00608WGAC2 (MQK0162-03) Water Sampled: 11/06/07 09:16 Received: 11/06/07 11:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7K16007	11/16/07	11/16/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		101 %	75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	60-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94 %	75-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89 %	55-130		"	"	"	"	
00608WEFF (MQK0162-04) Water Sampled: 11/06/07 09:14 Received: 11/06/07 11:45									
tert-Amyl methyl ether	ND	0.50	ug/l	1	7K06011	11/06/07	11/07/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		102 %	75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	60-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %	75-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92 %	55-130		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

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

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

00608WEFF (MQK0162-04) Water **Sampled: 11/06/07 09:14** **Received: 11/06/07 11:45**

Chemical Oxygen Demand	ND	30000	ug/l	1	7K12024	11/12/07	11/12/07	EPA 410.4		
Total Suspended Solids	ND	10000	"	"	7K07009	11/06/07	11/07/07	SM 2540D		

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

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
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Batch 7K06011 - EPA 5030B P/T / LUFT GCMS

Blank (7K06011-BLK1)

Prepared & Analyzed: 11/06/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.32		"	2.50		93	60-150			
Surrogate: Dibromofluoromethane	2.26		"	2.50		90	75-130			
Surrogate: Toluene-d8	2.38		"	2.50		95	75-120			
Surrogate: 4-Bromofluorobenzene	2.33		"	2.50		93	55-130			

Laboratory Control Sample (7K06011-BS2)

Prepared & Analyzed: 11/06/07

Gasoline Range Organics (C4-C12)	396	50	ug/l	500		79	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.52		"	2.50		101	60-150			
Surrogate: Dibromofluoromethane	2.37		"	2.50		95	75-130			
Surrogate: Toluene-d8	2.56		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.57		"	2.50		103	55-130			

Laboratory Control Sample Dup (7K06011-BSD2)

Prepared & Analyzed: 11/06/07

Gasoline Range Organics (C4-C12)	400	50	ug/l	500		80	55-130	1	20	
Surrogate: 1,2-Dichloroethane-d4	2.42		"	2.50		97	60-150			
Surrogate: Dibromofluoromethane	2.41		"	2.50		96	75-130			
Surrogate: Toluene-d8	2.55		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.55		"	2.50		102	55-130			

Matrix Spike (7K06011-MS1)

Source: MQK0146-05

Prepared & Analyzed: 11/06/07

Gasoline Range Organics (C4-C12)	517	50	ug/l	550	ND	94	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.34		"	2.50		94	60-150			
Surrogate: Dibromofluoromethane	2.57		"	2.50		103	75-130			
Surrogate: Toluene-d8	2.56		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.49		"	2.50		100	55-130			

Matrix Spike Dup (7K06011-MSD1)

Source: MQK0146-05

Prepared & Analyzed: 11/06/07

Gasoline Range Organics (C4-C12)	513	50	ug/l	550	ND	93	25-150	0.8	20	
Surrogate: 1,2-Dichloroethane-d4	2.36		"	2.50		94	60-150			
Surrogate: Dibromofluoromethane	2.54		"	2.50		102	75-130			
Surrogate: Toluene-d8	2.58		"	2.50		103	75-120			
Surrogate: 4-Bromofluorobenzene	2.48		"	2.50		99	55-130			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

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
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Batch 7K11001 - EPA 5030B P/T / LUFT GCMS

Blank (7K11001-BLK1)

Prepared & Analyzed: 11/11/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.07		"	2.50		83	60-150			
Surrogate: Dibromofluoromethane	2.55		"	2.50		102	75-130			
Surrogate: Toluene-d8	2.40		"	2.50		96	75-120			
Surrogate: 4-Bromofluorobenzene	2.02		"	2.50		81	55-130			

Laboratory Control Sample (7K11001-BS2)

Prepared & Analyzed: 11/11/07

Gasoline Range Organics (C4-C12)	373	50	ug/l	500		75	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.13		"	2.50		85	60-150			
Surrogate: Dibromofluoromethane	2.59		"	2.50		104	75-130			
Surrogate: Toluene-d8	2.46		"	2.50		98	75-120			
Surrogate: 4-Bromofluorobenzene	2.25		"	2.50		90	55-130			

Laboratory Control Sample Dup (7K11001-BSD2)

Prepared & Analyzed: 11/11/07

Gasoline Range Organics (C4-C12)	376	50	ug/l	500		75	55-130	0.8	20	
Surrogate: 1,2-Dichloroethane-d4	2.13		"	2.50		85	60-150			
Surrogate: Dibromofluoromethane	2.61		"	2.50		104	75-130			
Surrogate: Toluene-d8	2.47		"	2.50		99	75-120			
Surrogate: 4-Bromofluorobenzene	2.15		"	2.50		86	55-130			

Matrix Spike (7K11001-MS1)

Source: MQK0176-12

Prepared & Analyzed: 11/11/07

Gasoline Range Organics (C4-C12)	404	50	ug/l	550	ND	73	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.28		"	2.50		91	60-150			
Surrogate: Dibromofluoromethane	2.82		"	2.50		113	75-130			
Surrogate: Toluene-d8	2.40		"	2.50		96	75-120			
Surrogate: 4-Bromofluorobenzene	2.03		"	2.50		81	55-130			

Matrix Spike Dup (7K11001-MSD1)

Source: MQK0176-12

Prepared & Analyzed: 11/11/07

Gasoline Range Organics (C4-C12)	428	50	ug/l	550	ND	78	25-150	6	20	
Surrogate: 1,2-Dichloroethane-d4	2.36		"	2.50		94	60-150			
Surrogate: Dibromofluoromethane	2.81		"	2.50		112	75-130			
Surrogate: Toluene-d8	2.45		"	2.50		98	75-120			
Surrogate: 4-Bromofluorobenzene	2.03		"	2.50		81	55-130			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

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Reported:
11/20/07 13:59

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
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Batch 7K16007 - EPA 5030B P/T / LUFT GCMS

Blank (7K16007-BLK1)

Prepared & Analyzed: 11/16/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.52		"	2.50		101	60-150			
Surrogate: Dibromofluoromethane	2.48		"	2.50		99	75-130			
Surrogate: Toluene-d8	2.35		"	2.50		94	75-120			
Surrogate: 4-Bromofluorobenzene	2.29		"	2.50		92	55-130			

Laboratory Control Sample (7K16007-BS2)

Prepared & Analyzed: 11/16/07

Gasoline Range Organics (C4-C12)	446	50	ug/l	500		89	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.53		"	2.50		101	60-150			
Surrogate: Dibromofluoromethane	2.35		"	2.50		94	75-130			
Surrogate: Toluene-d8	2.53		"	2.50		101	75-120			
Surrogate: 4-Bromofluorobenzene	2.57		"	2.50		103	55-130			

Laboratory Control Sample Dup (7K16007-BSD2)

Prepared & Analyzed: 11/16/07

Gasoline Range Organics (C4-C12)	449	50	ug/l	500		90	55-130	0.7	20	
Surrogate: 1,2-Dichloroethane-d4	2.48		"	2.50		99	60-150			
Surrogate: Dibromofluoromethane	2.44		"	2.50		98	75-130			
Surrogate: Toluene-d8	2.55		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.64		"	2.50		106	55-130			

Matrix Spike (7K16007-MS1)

Source: MQK0162-03

Prepared & Analyzed: 11/16/07

Gasoline Range Organics (C4-C12)	505	50	ug/l	550	ND	92	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.40		"	2.50		96	60-150			
Surrogate: Dibromofluoromethane	2.50		"	2.50		100	75-130			
Surrogate: Toluene-d8	2.57		"	2.50		103	75-120			
Surrogate: 4-Bromofluorobenzene	2.65		"	2.50		106	55-130			

Matrix Spike Dup (7K16007-MSD1)

Source: MQK0162-03

Prepared & Analyzed: 11/16/07

Gasoline Range Organics (C4-C12)	499	50	ug/l	550	ND	91	25-150	1	20	
Surrogate: 1,2-Dichloroethane-d4	2.43		"	2.50		97	60-150			
Surrogate: Dibromofluoromethane	2.42		"	2.50		97	75-130			
Surrogate: Toluene-d8	2.52		"	2.50		101	75-120			
Surrogate: 4-Bromofluorobenzene	2.57		"	2.50		103	55-130			

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11/20/07 13:59

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
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Batch 7K06011 - EPA 5030B P/T / EPA 8260B

Blank (7K06011-BLK1)			Prepared & Analyzed: 11/06/07							
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.26		"	2.50		90	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.32		"	2.50		93	60-150			
<i>Surrogate: Toluene-d8</i>	2.38		"	2.50		95	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.33		"	2.50		93	55-130			

Laboratory Control Sample (7K06011-BS1)			Prepared & Analyzed: 11/06/07							
tert-Amyl methyl ether	10.5	0.50	ug/l	10.0		105	75-125			
Benzene	10.2	0.50	"	10.0		102	75-120			
tert-Butyl alcohol	212	20	"	200		106	80-120			
Di-isopropyl ether	9.97	0.50	"	10.0		100	70-130			
Ethyl tert-butyl ether	10.3	0.50	"	10.0		103	75-130			
Ethylbenzene	10.6	0.50	"	10.0		106	80-125			
Methyl tert-butyl ether	10.3	0.50	"	10.0		103	80-130			
Toluene	10.7	0.50	"	10.0		107	80-120			
Xylenes (total)	32.2	0.50	"	30.0		107	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.48		"	2.50		99	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.31		"	2.50		92	60-150			
<i>Surrogate: Toluene-d8</i>	2.52		"	2.50		101	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.50		"	2.50		100	55-130			

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11/20/07 13:59

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
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Batch 7K06011 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7K06011-MS1)	Source: MQK0146-05			Prepared & Analyzed: 11/06/07						
tert-Amyl methyl ether	11.7	0.50	ug/l	10.0	ND	117	75-140			
Benzene	10.7	0.50	"	10.0	0.110	106	80-120			
tert-Butyl alcohol	226	20	"	200	ND	113	80-125			
Di-isopropyl ether	10.7	0.50	"	10.0	ND	107	75-135			
Ethyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	80-135			
Ethylbenzene	10.6	0.50	"	10.0	ND	106	75-130			
Methyl tert-butyl ether	11.5	0.50	"	10.0	0.200	113	75-145			
Toluene	10.8	0.50	"	10.0	ND	108	80-125			
Xylenes (total)	32.8	0.50	"	30.0	0.340	108	75-125			
<i>Surrogate: Dibromofluoromethane</i>	2.57		"	2.50		103	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.34		"	2.50		94	60-150			
<i>Surrogate: Toluene-d8</i>	2.56		"	2.50		102	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.49		"	2.50		100	55-130			

Matrix Spike Dup (7K06011-MSD1)	Source: MQK0146-05			Prepared & Analyzed: 11/06/07						
tert-Amyl methyl ether	11.9	0.50	ug/l	10.0	ND	119	75-140	2	25	
Benzene	10.8	0.50	"	10.0	0.110	107	80-120	1	20	
tert-Butyl alcohol	223	20	"	200	ND	112	80-125	0.9	25	
Di-isopropyl ether	11.1	0.50	"	10.0	ND	111	75-135	4	25	
Ethyl tert-butyl ether	11.5	0.50	"	10.0	ND	115	80-135	2	25	
Ethylbenzene	10.6	0.50	"	10.0	ND	106	75-130	0.2	20	
Methyl tert-butyl ether	11.7	0.50	"	10.0	0.200	115	75-145	2	25	
Toluene	10.7	0.50	"	10.0	ND	107	80-125	1	25	
Xylenes (total)	32.7	0.50	"	30.0	0.340	108	75-125	0.5	20	
<i>Surrogate: Dibromofluoromethane</i>	2.54		"	2.50		102	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.36		"	2.50		94	60-150			
<i>Surrogate: Toluene-d8</i>	2.58		"	2.50		103	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.48		"	2.50		99	55-130			

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11/20/07 13:59

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
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Batch 7K11001 - EPA 5030B P/T / EPA 8260B

Blank (7K11001-BLK1)

Prepared & Analyzed: 11/11/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.55		"	2.50		102	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.07		"	2.50		83	60-150			
<i>Surrogate: Toluene-d8</i>	2.40		"	2.50		96	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.02		"	2.50		81	55-130			

Laboratory Control Sample (7K11001-BS1)

Prepared & Analyzed: 11/11/07

tert-Amyl methyl ether	9.42	0.50	ug/l	10.0		94	75-125			
Benzene	9.52	0.50	"	10.0		95	75-120			
tert-Butyl alcohol	180	20	"	200		90	80-120			
Di-isopropyl ether	8.97	0.50	"	10.0		90	70-130			
Ethyl tert-butyl ether	8.62	0.50	"	10.0		86	75-130			
Ethylbenzene	9.16	0.50	"	10.0		92	80-125			
Methyl tert-butyl ether	8.67	0.50	"	10.0		87	80-130			
Toluene	9.80	0.50	"	10.0		98	80-120			
Xylenes (total)	32.0	0.50	"	30.0		106	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.65		"	2.50		106	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.15		"	2.50		86	60-150			
<i>Surrogate: Toluene-d8</i>	2.42		"	2.50		97	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.14		"	2.50		86	55-130			

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11/20/07 13:59

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
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Batch 7K11001 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7K11001-MS1)		Source: MQK0176-12			Prepared & Analyzed: 11/11/07					
tert-Amyl methyl ether	10.8	0.50	ug/l	10.0	ND	108	75-140			
Benzene	9.79	0.50	"	10.0	ND	98	80-120			
tert-Butyl alcohol	182	20	"	200	ND	91	80-125			
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	75-135			
Ethyl tert-butyl ether	9.73	0.50	"	10.0	ND	97	80-135			
Ethylbenzene	8.37	0.50	"	10.0	ND	84	75-130			
Methyl tert-butyl ether	9.73	0.50	"	10.0	ND	97	75-145			
Toluene	9.79	0.50	"	10.0	ND	98	80-125			
Xylenes (total)	28.9	0.50	"	30.0	ND	96	75-125			
<i>Surrogate: Dibromofluoromethane</i>	2.82		"	2.50		113	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.28		"	2.50		91	60-150			
<i>Surrogate: Toluene-d8</i>	2.40		"	2.50		96	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.03		"	2.50		81	55-130			
Matrix Spike Dup (7K11001-MSD1)		Source: MQK0176-12			Prepared & Analyzed: 11/11/07					
tert-Amyl methyl ether	11.3	0.50	ug/l	10.0	ND	113	75-140	5	25	
Benzene	10.3	0.50	"	10.0	ND	103	80-120	5	20	
tert-Butyl alcohol	181	20	"	200	ND	90	80-125	0.7	25	
Di-isopropyl ether	10.6	0.50	"	10.0	ND	106	75-135	4	25	
Ethyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	80-135	5	25	
Ethylbenzene	8.80	0.50	"	10.0	ND	88	75-130	5	20	
Methyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	75-145	5	25	
Toluene	10.2	0.50	"	10.0	ND	102	80-125	4	25	
Xylenes (total)	30.1	0.50	"	30.0	ND	100	75-125	4	20	
<i>Surrogate: Dibromofluoromethane</i>	2.81		"	2.50		112	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.36		"	2.50		94	60-150			
<i>Surrogate: Toluene-d8</i>	2.45		"	2.50		98	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.03		"	2.50		81	55-130			

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11/20/07 13:59

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
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Batch 7K16007 - EPA 5030B P/T / EPA 8260B

Blank (7K16007-BLK1)

Prepared & Analyzed: 11/16/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.52		"	2.50		101	60-150			
<i>Surrogate: Toluene-d8</i>	2.35		"	2.50		94	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.29		"	2.50		92	55-130			

Laboratory Control Sample (7K16007-BS1)

Prepared & Analyzed: 11/16/07

tert-Amyl methyl ether	11.1	0.50	ug/l	10.0		111	75-125			
Benzene	10.1	0.50	"	10.0		101	75-120			
tert-Butyl alcohol	224	20	"	200		112	80-120			
Di-isopropyl ether	10.6	0.50	"	10.0		106	70-130			
Ethyl tert-butyl ether	10.9	0.50	"	10.0		109	75-130			
Ethylbenzene	10.8	0.50	"	10.0		108	80-125			
Methyl tert-butyl ether	11.0	0.50	"	10.0		110	80-130			
Toluene	10.4	0.50	"	10.0		104	80-120			
Xylenes (total)	32.3	0.50	"	30.0		108	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.59		"	2.50		104	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.57		"	2.50		103	60-150			
<i>Surrogate: Toluene-d8</i>	2.60		"	2.50		104	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.56		"	2.50		102	55-130			

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11/20/07 13:59

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
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Batch 7K16007 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7K16007-MS1)	Source: MQK0162-03			Prepared & Analyzed: 11/16/07						
tert-Amyl methyl ether	10.3	0.50	ug/l	10.0	ND	103	75-140			
Benzene	10.1	0.50	"	10.0	ND	101	80-120			
tert-Butyl alcohol	214	20	"	200	ND	107	80-125			
Di-isopropyl ether	10.2	0.50	"	10.0	ND	102	75-135			
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	80-135			
Ethylbenzene	10.9	0.50	"	10.0	ND	109	75-130			
Methyl tert-butyl ether	10.3	0.50	"	10.0	ND	103	75-145			
Toluene	10.3	0.50	"	10.0	ND	103	80-125			
Xylenes (total)	32.6	0.50	"	30.0	ND	109	75-125			

<i>Surrogate: Dibromofluoromethane</i>	2.50		"	2.50		100	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.40		"	2.50		96	60-150			
<i>Surrogate: Toluene-d8</i>	2.57		"	2.50		103	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.65		"	2.50		106	55-130			

Matrix Spike Dup (7K16007-MSD1)	Source: MQK0162-03			Prepared & Analyzed: 11/16/07						
tert-Amyl methyl ether	10.2	0.50	ug/l	10.0	ND	102	75-140	2	25	
Benzene	10.1	0.50	"	10.0	ND	101	80-120	0.4	20	
tert-Butyl alcohol	215	20	"	200	ND	107	80-125	0.6	25	
Di-isopropyl ether	10.4	0.50	"	10.0	ND	104	75-135	2	25	
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	80-135	0.6	25	
Ethylbenzene	10.8	0.50	"	10.0	ND	108	75-130	0.6	20	
Methyl tert-butyl ether	10.3	0.50	"	10.0	ND	103	75-145	0.1	25	
Toluene	10.2	0.50	"	10.0	ND	102	80-125	0.9	25	
Xylenes (total)	31.9	0.50	"	30.0	ND	106	75-125	2	20	

<i>Surrogate: Dibromofluoromethane</i>	2.42		"	2.50		97	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.43		"	2.50		97	60-150			
<i>Surrogate: Toluene-d8</i>	2.52		"	2.50		101	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.57		"	2.50		103	55-130			

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MQK0162
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11/20/07 13:59

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
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Batch 7K12024 - General Preparation / EPA 410.4

Blank (7K12024-BLK1)				Prepared & Analyzed: 11/12/07						
Chemical Oxygen Demand	ND	30000	ug/l							
Laboratory Control Sample (7K12024-BS1)				Prepared & Analyzed: 11/12/07						
Chemical Oxygen Demand	95000	30000	ug/l	100000	23000	95	90-110			
Matrix Spike (7K12024-MS1)				Prepared & Analyzed: 11/12/07						
Chemical Oxygen Demand	118000	30000	ug/l	100000	23000	95	75-125			
Matrix Spike Dup (7K12024-MSD1)				Prepared & Analyzed: 11/12/07						
Chemical Oxygen Demand	106000	30000	ug/l	100000	23000	83	75-125	11	20	

Batch 7K07009 - General Preparation / SM 2540D

Blank (7K07009-BLK1)				Prepared: 11/06/07 Analyzed: 11/07/07						
Total Suspended Solids	ND	10000	ug/l							
Duplicate (7K07009-DUP1)				Prepared: 11/06/07 Analyzed: 11/07/07						
Total Suspended Solids	80000	10000	ug/l		81700			2	20	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

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 Facility No. 608
BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda
State or Lead Regulatory Agency: California Regional Water Quality Control Board
Requested Due Date (mm/dd/yy): 24 hours for Effluent & STD for others

RUSH

On-site Time: 0900	Temp:
Off-site Time: 0945	Temp:
Sky Conditions:	
Meteorological Events:	
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, CA	Address: 3330 Cameron Park Drive, Suite 550 Cameron Park, CA 95682
Lab PM: Lisa Race	Site Lat/Long:	Consultant/Contractor Project No.: E608-03
Tele/Fax: 408-782-8156/408-782-6308	California Global ID No.: T0600100085	Consultant/Contractor PM: Jay Johnson
BP/AR PM Contact: Paul Supple	Enfos Project No.: G0C24-0017	Tele/Fax: (530) 676-6000 / (530) 676-6005
Address: 2010 Crow Canyon Place, Suite 150 San Ramon, CA	Provision or OOC (circle one): Provision	Report Type & QC Level: Level 1 with EDF
Tele/Fax: 925-275-3506/925-275-3815	Phase/WBS: 03-Q&M	E-mail EDD To: shayes@stratusinc.net
	Sub Phase/Task: 03-Analytical	Invoice to: Atlantic Richfield Co.
	Cost Element: Subcontractor Cost	

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Turnaround Time		Sample Point Lat/Long and Comments
				Soil/Solid	Water/Liquid	Air			Unpreserved (1500ml)	H ₂ SO ₄ - 5 vials	HNO ₃	HCl - 5 vials	Methanol	GRO	BTEX	5-Oxygenates	TSS	COD	24-hours	Standard	
1	00608WINF	0922	11/07		x		01	5				x						x		5-oxygenates requested are MTBE, DIPE, ETBE, TAME, and TBA. The 24-hour TAT rush on 00608EFF is only for GRO, BTEX, and 5-Oxys. TSS and COD are to be analyzed on a STD. TAT.	
2	00608WGAC1	0919	11/07		x		02	5				x						x			
3	00608WGAC2	0920	11/07		x		03	5				x						x			
4	00608WEFF	0919	11/07		x		04	9		x		x			x	x	x				
5																					
6	TSS/MS/STD 7	0920	11/07		x		05	2												Hold	
7																					
8																					
9																					
10																					

Sampler's Name: Chris Hill	Requested By / Affiliation: [Signature] Stratus	Date: 11/07	Time: 1145	Accepted By / Affiliation: JUVEN. TAMH	Date: 11/07	Time: 1145
Sampler's Company: Stratus Environmental, Inc.						
Shipment Date: 11-6-07						
Shipment Method: Trucks						
Shipment Tracking No.:						

Special Instructions: Please cc results to Bpedf@Broadbentinc.com

Custody Seals In Place: Yes/No | Temp Blank: Yes/No | Cooler Temp on Receipt: 1.8 °F/C | Trip Blank: Yes/No | MS/MSD Sample Submitted: Yes/No

JN 11/6/07

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ARCO (G08)
REC. BY (PRINT): JULIE N.
WORKORDER: M2K016Z

DATE REC'D AT LAB: 11/6/07
TIME REC'D AT LAB: 1145
DATE LOGGED IN: 11/6/07

For Regulatory Purposes?
 DRINKING WATER
 WASTE WATER
 OTHER

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent Intact / Broken*								<div style="font-size: 2em; transform: rotate(-45deg); opacity: 0.5;"> JULIE N. SEE COC </div>
2. Chain-of-Custody Present / Absent*								
3. Traffic Reports or Packing List: Present / Absent								
4. Airbill: Airbill / Sticker Present / Absent								
5. Airbill #:								
6. Sample Labels: Present / Absent								
7. Sample IDs: Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*								
10. Sample received within hold time? Yes / No*								
11. Adequate sample volume received? Yes / No*								
12. Proper preservatives used? Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*								
14. Read Temp: <u>8.5°C</u> Correction Factor: <u>-1.0°C</u> Corrected Temp: <u>7.5°C</u> Is corrected temp. 0-6°C? <u>Yes / No*</u>								

**Exception (if any): Metals / Perchlorate
 OFF on Ice or Problem COC

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



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

December 21, 2007

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

Re: Remediation System Operation and Maintenance Data Package, ARCO Service Station
No. 608, located at 17601 Hesperian Boulevard, San Lorenzo, California

General Information

Data Submittal Prepared / Reviewed by: Sandy Hayes and Kiran Nagaraju / Jay Johnson

Phone Number: (530) 676-6007 / (530) 676-6000

On-Site Supplier Representative: Chris Hill

System Overview: Groundwater Extraction and Treatment System

System Status: Permanently shutdown on December 5, 2007

Number of Site Visits: 1 (December 5, 2007)

Scope of Work Performed: Conduct routine operation and maintenance and record system measurements. System samples were collected on December 5, 2007.

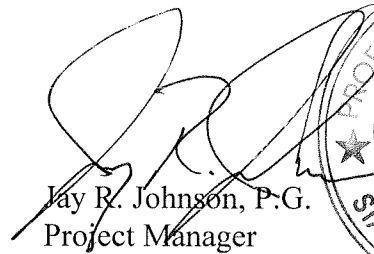
Variations from Work Scope: Per Broadbent's request, the remediation system was shutdown on December 5, 2007, after collection of samples


The attachments include field data sheets, 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.

Kiran Nagaraju
Staff Engineer


Jay R. Johnson, P.G.
Project Manager



A circular professional seal for Jay R. Johnson, a Professional Geologist in the State of California. The seal contains the text "PROFESSIONAL GEOLOGIST" at the top, "Jay R. Johnson" in the center, "No. 5867" below the name, and "STATE OF CALIFORNIA" at the bottom. Two stars are positioned on either side of the number. The seal is partially overlaid by a handwritten signature.

Attachments:

- Field Data Sheets
- Chain of Custody Documentation
- Certified Analytical Results

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: 12507 Technician: CHILL
 Onsite Time: 0639 Weather Conditions: Clear
 Offsite Time: 0715 Ambient Temperature: 50
 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

Turn off system

Electric Meter Reading: 51754
 Hour Meter Reading: 41432

Flow Totalizer Reading Before Carbon Treatment: _____
 Flow Totalizer Reading After Carbon Treatment: 66090
 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	3	3	3	2

Sample Port	Field Measurements (Monthly)		
	Temperature	pH	Electrical Conductivity
	°C	units	msiemens
Effluent	25.0	7.54	950

Sampling Information (Monthly)			
Sample ID	Date & Time	Sample ID	Date & Time
00608WINF	12507 0655		
00608WGAC1)		
00608WGAC2			
00608WEFF		0	

Signature: *Chill* Date: 12507



bp
A BP affiliated company

Chain of Custody Record

ORIGINAL

RUSH

Project Name: ARCO Facility No. 608
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda
 State or Lead Regulatory Agency: California Regional Water Quality Control Board
 Requested Due Date (mm/dd/yy): 24 hours for Effluent & STD for others

On-site Time: <u>0630</u>	Temp:
Off-site Time: <u>0715</u>	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: TestAmerica	BP/AR Facility No.: 608	Consultant/Contractor: Stratus Environmental, Inc.
Address: 885 Jarvis Drive	BP/AR Facility Address: 17601 Hesperian Blvd., San Lorenzo, CA	Address: 3330 Cameron Park Drive, Suite 550
Morgan Hill, CA 95937	Site Lat/Long:	Cameron Park, CA 95682
Lab PM: Lisa Race	California Global ID No.: T0600100085	Consultant/Contractor Project No.: E608-03
Tele/Fax: 408-782-8156/ 408-782-6308	Enfos Project No.: G0C24-0017	Consultant/Contractor PM: Jay Johnson
BP/AR PM Contact: Paul Supple	Provision or OOC (circle one) Provision	Tele/Fax: (530) 676-6000 / (530) 676-6005
Address: 2010 Crow Canyon Place, Suite 150	Phase/WBS: 03-O&M	Report Type & QC Level: Level 1 with EDF
San Ramon, CA	Sub Phase/Task: 03-Analytical	E-mail EDD To: shayes@stratusinc.net
Tele/Fax: 925-275-3506/925-275-3815	Cost Element: Subcontractor Cost	Invoice to: Atlantic Richfield Co.

Lab Bottle Order No:				Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Turnaround Time		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	GRO	BTEX	5-Oxygenates	TSS	COD	24-hours	Standard	
1	00608WINF	0630	12/5		x		3			X		x	x	x				x		5-oxygenates requested are MTBE, DIPE, ETBE, TAME, and TBA. The 24-hour TAT rush on 00608EFF is only for GRO, BTEX, and 5-Oxys. TSS and COD are to be analyzed on a STD. TAT.	
2	00608WGAC1	0631	)		x		3			X		x	x	x				x		
3	00608WGAC2	0649				x		3			X		x	x	x				x		
4	00608WEFF	0647				x		7	X		X		x	x	x	x	x	x			
5																					
6																					
7																					
8																					
9																					
10																					

Sampler's Name: <u>Chris Hill</u>	Relinquished By / Affiliation: <u>Chris Hill / Stratus</u>	Date: <u>12/5/07</u>	Time: <u>1035</u>	Accepted By / Affiliation: <u>JULIEN / TAMIT</u>	Date: <u>12/5/07</u>	Time: <u>103</u>
Sampler's Company: Stratus Environmental, Inc.						
Shipment Date: <u>12507</u>						
Shipment Method: <u>Stratus</u>						
Shipment Tracking No:						

Special Instructions: Please cc results to Bpedf@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

13 December, 2007

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MQL0105

Enclosed are the results of analyses for samples received by the laboratory on 12/05/07 10:35. 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: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
00608WINF	MQL0105-01	Water	12/05/07 06:53	12/05/07 10:35
00608WGAC1	MQL0105-02	Water	12/05/07 06:51	12/05/07 10:35
00608WGAC2	MQL0105-03	Water	12/05/07 06:49	12/05/07 10:35
00608WEFF	MQL0105-04	Water	12/05/07 06:47	12/05/07 10:35

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.

These samples were received with no trip blank.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
00608WINF (MQL0105-01) Water Sampled: 12/05/07 06:53 Received: 12/05/07 10:35									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L10007	12/10/07	12/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		102 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		94 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		91 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92 %	55-130		"	"	"	"	
00608WGAC1 (MQL0105-02) Water Sampled: 12/05/07 06:51 Received: 12/05/07 10:35									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L10007	12/10/07	12/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		101 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		95 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		92 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92 %	55-130		"	"	"	"	
00608WGAC2 (MQL0105-03) Water Sampled: 12/05/07 06:49 Received: 12/05/07 10:35									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L10007	12/10/07	12/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		102 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		94 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		92 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86 %	55-130		"	"	"	"	
00608WEFF (MQL0105-04) Water Sampled: 12/05/07 06:47 Received: 12/05/07 10:35									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L05007	12/05/07	12/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		106 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		104 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		100 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	55-130		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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00608WINF (MQL0105-01) Water Sampled: 12/05/07 06:53 Received: 12/05/07 10:35

tert-Amyl methyl ether	ND	0.50	ug/l	1	7L10007	12/10/07	12/10/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	4.7	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>		102 %	60-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		91 %	75-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92 %	55-130		"	"	"	"	

00608WGAC1 (MQL0105-02) Water Sampled: 12/05/07 06:51 Received: 12/05/07 10:35

tert-Amyl methyl ether	ND	0.50	ug/l	1	7L10007	12/10/07	12/10/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		95 %	75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	60-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92 %	75-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92 %	55-130		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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00608WGAC2 (MQL0105-03) Water Sampled: 12/05/07 06:49 Received: 12/05/07 10:35

tert-Amyl methyl ether	ND	0.50	ug/l	1	7L10007	12/10/07	12/10/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		94 %	75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	60-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92 %	75-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86 %	55-130		"	"	"	"	

00608WEFF (MQL0105-04) Water Sampled: 12/05/07 06:47 Received: 12/05/07 10:35

tert-Amyl methyl ether	ND	0.50	ug/l	1	7L05007	12/05/07	12/06/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		104 %	75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	60-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %	75-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %	55-130		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

Conventional Chemistry Parameters by APHA/EPA Methods
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
00608WEFF (MQL0105-04) Water Sampled: 12/05/07 06:47 Received: 12/05/07 10:35									
Chemical Oxygen Demand	ND	30000	ug/l	1	7L06032	12/05/07	12/05/07	EPA 410.4	
Total Suspended Solids	ND	10000	"	"	7L07020	12/05/07	12/07/07	SM 2540D	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L05007 - EPA 5030B P/T / LUFT GCMS

Blank (7L05007-BLK1)

Prepared: 12/05/07 Analyzed: 12/06/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.50		"	2.50		100	60-150			
Surrogate: Dibromofluoromethane	2.50		"	2.50		100	75-130			
Surrogate: Toluene-d8	2.50		"	2.50		100	75-120			
Surrogate: 4-Bromofluorobenzene	2.50		"	2.50		100	55-130			

Laboratory Control Sample (7L05007-BS2)

Prepared: 12/05/07 Analyzed: 12/06/07

Gasoline Range Organics (C4-C12)	394	50	ug/l	500		79	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.57		"	2.50		103	60-150			
Surrogate: Dibromofluoromethane	2.50		"	2.50		100	75-130			
Surrogate: Toluene-d8	2.54		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.50		"	2.50		100	55-130			

Laboratory Control Sample Dup (7L05007-BS2)

Prepared: 12/05/07 Analyzed: 12/06/07

Gasoline Range Organics (C4-C12)	359	50	ug/l	500		72	55-130	9	20	
Surrogate: 1,2-Dichloroethane-d4	2.51		"	2.50		100	60-150			
Surrogate: Dibromofluoromethane	2.50		"	2.50		100	75-130			
Surrogate: Toluene-d8	2.50		"	2.50		100	75-120			
Surrogate: 4-Bromofluorobenzene	2.51		"	2.50		100	55-130			

Matrix Spike (7L05007-MS1)

Source: MQL0099-05

Prepared: 12/05/07 Analyzed: 12/06/07

Gasoline Range Organics (C4-C12)	467	50	ug/l	550	ND	85	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.63		"	2.50		105	60-150			
Surrogate: Dibromofluoromethane	2.61		"	2.50		104	75-130			
Surrogate: Toluene-d8	2.50		"	2.50		100	75-120			
Surrogate: 4-Bromofluorobenzene	2.50		"	2.50		100	55-130			

Matrix Spike Dup (7L05007-MSD1)

Source: MQL0099-05

Prepared: 12/05/07 Analyzed: 12/06/07

Gasoline Range Organics (C4-C12)	494	50	ug/l	550	ND	90	25-150	6	20	
Surrogate: 1,2-Dichloroethane-d4	2.50		"	2.50		100	60-150			
Surrogate: Dibromofluoromethane	2.53		"	2.50		101	75-130			
Surrogate: Toluene-d8	2.63		"	2.50		105	75-120			
Surrogate: 4-Bromofluorobenzene	2.62		"	2.50		105	55-130			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L10007 - EPA 5030B P/T / LUFT GCMS

Blank (7L10007-BLK1)

Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.38		"	2.50		95	60-150			
Surrogate: Dibromofluoromethane	2.19		"	2.50		88	75-130			
Surrogate: Toluene-d8	2.25		"	2.50		90	75-120			
Surrogate: 4-Bromofluorobenzene	2.16		"	2.50		86	55-130			

Laboratory Control Sample (7L10007-BS2)

Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	508	50	ug/l	500		102	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.33		"	2.50		93	60-150			
Surrogate: Dibromofluoromethane	2.22		"	2.50		89	75-130			
Surrogate: Toluene-d8	2.35		"	2.50		94	75-120			
Surrogate: 4-Bromofluorobenzene	2.37		"	2.50		95	55-130			

Laboratory Control Sample Dup (7L10007-BS2)

Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	517	50	ug/l	500		103	55-130	2	20	
Surrogate: 1,2-Dichloroethane-d4	2.34		"	2.50		94	60-150			
Surrogate: Dibromofluoromethane	2.21		"	2.50		88	75-130			
Surrogate: Toluene-d8	2.38		"	2.50		95	75-120			
Surrogate: 4-Bromofluorobenzene	2.38		"	2.50		95	55-130			

Matrix Spike (7L10007-MS1)

Source: MQL0104-01

Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	2160	50	ug/l	550	1510	118	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.29		"	2.50		92	60-150			
Surrogate: Dibromofluoromethane	2.34		"	2.50		94	75-130			
Surrogate: Toluene-d8	2.39		"	2.50		96	75-120			
Surrogate: 4-Bromofluorobenzene	2.42		"	2.50		97	55-130			

Matrix Spike Dup (7L10007-MSD1)

Source: MQL0104-01

Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	2080	50	ug/l	550	1510	104	25-150	3	20	
Surrogate: 1,2-Dichloroethane-d4	2.33		"	2.50		93	60-150			
Surrogate: Dibromofluoromethane	2.36		"	2.50		94	75-130			
Surrogate: Toluene-d8	2.37		"	2.50		95	75-120			
Surrogate: 4-Bromofluorobenzene	2.46		"	2.50		98	55-130			

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Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L05007 - EPA 5030B P/T / EPA 8260B

Blank (7L05007-BLK1)				Prepared: 12/05/07 Analyzed: 12/06/07						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.50		"	2.50		100	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.50		"	2.50		100	60-150			
<i>Surrogate: Toluene-d8</i>	2.50		"	2.50		100	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.50		"	2.50		100	55-130			

Laboratory Control Sample (7L05007-BS1)				Prepared: 12/05/07 Analyzed: 12/06/07						
tert-Amyl methyl ether	10.1	0.50	ug/l	10.0		101	75-125			
Benzene	9.24	0.50	"	10.0		92	75-120			
tert-Butyl alcohol	202	20	"	200		101	80-120			
Di-isopropyl ether	9.00	0.50	"	10.0		90	70-130			
Ethyl tert-butyl ether	9.78	0.50	"	10.0		98	75-130			
Ethylbenzene	9.95	0.50	"	10.0		100	80-125			
Methyl tert-butyl ether	10.0	0.50	"	10.0		100	80-130			
Toluene	9.57	0.50	"	10.0		96	80-120			
Xylenes (total)	29.5	0.50	"	30.0		98	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.52		"	2.50		101	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.50		"	2.50		100	60-150			
<i>Surrogate: Toluene-d8</i>	2.53		"	2.50		101	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.51		"	2.50		100	55-130			

Stratus Environmental Inc. [Arco]
3330 Cameron Park Dr., Suite 550
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Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L05007 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7L05007-MS1)	Source: MQL0099-05			Prepared: 12/05/07		Analyzed: 12/06/07	
tert-Amyl methyl ether	10.4	0.50	ug/l	10.0	ND	104	75-140
Benzene	9.61	0.50	"	10.0	ND	96	80-120
tert-Butyl alcohol	219	20	"	200	ND	110	80-125
Di-isopropyl ether	9.64	0.50	"	10.0	ND	96	75-135
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	80-135
Ethylbenzene	10.0	0.50	"	10.0	ND	100	75-130
Methyl tert-butyl ether	10.3	0.50	"	10.0	ND	103	75-145
Toluene	9.74	0.50	"	10.0	0.140	96	80-125
Xylenes (total)	30.1	0.50	"	30.0	0.220	100	75-125

<i>Surrogate: Dibromofluoromethane</i>	2.61		"	2.50		104	75-130
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.63		"	2.50		105	60-150
<i>Surrogate: Toluene-d8</i>	2.50		"	2.50		100	75-120
<i>Surrogate: 4-Bromofluorobenzene</i>	2.50		"	2.50		100	55-130

Matrix Spike Dup (7L05007-MSD1)	Source: MQL0099-05			Prepared: 12/05/07		Analyzed: 12/06/07			
tert-Amyl methyl ether	10.4	0.50	ug/l	10.0	ND	104	75-140	1	25
Benzene	10.0	0.50	"	10.0	ND	100	80-120	4	20
tert-Butyl alcohol	222	20	"	200	ND	111	80-125	1	25
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	75-135	5	25
Ethyl tert-butyl ether	10.6	0.50	"	10.0	ND	106	80-135	2	25
Ethylbenzene	10.6	0.50	"	10.0	ND	106	75-130	6	20
Methyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	75-145	0.5	25
Toluene	10.3	0.50	"	10.0	0.140	102	80-125	6	25
Xylenes (total)	31.8	0.50	"	30.0	0.220	105	75-125	5	20

<i>Surrogate: Dibromofluoromethane</i>	2.53		"	2.50		101	75-130
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.50		"	2.50		100	60-150
<i>Surrogate: Toluene-d8</i>	2.63		"	2.50		105	75-120
<i>Surrogate: 4-Bromofluorobenzene</i>	2.62		"	2.50		105	55-130

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Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L10007 - EPA 5030B P/T / EPA 8260B

Blank (7L10007-BLK1)

Prepared & Analyzed: 12/10/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.38		"	2.50		95	60-150			
<i>Surrogate: Toluene-d8</i>	2.25		"	2.50		90	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.16		"	2.50		86	55-130			

Laboratory Control Sample (7L10007-BS1)

Prepared & Analyzed: 12/10/07

tert-Amyl methyl ether	9.82	0.50	ug/l	10.0		98	75-125			
Benzene	10.0	0.50	"	10.0		100	75-120			
tert-Butyl alcohol	203	20	"	200		102	80-120			
Di-isopropyl ether	9.58	0.50	"	10.0		96	70-130			
Ethyl tert-butyl ether	9.54	0.50	"	10.0		95	75-130			
Ethylbenzene	10.5	0.50	"	10.0		105	80-125			
Methyl tert-butyl ether	8.94	0.50	"	10.0		89	80-130			
Toluene	9.98	0.50	"	10.0		100	80-120			
Xylenes (total)	31.4	0.50	"	30.0		105	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.36		"	2.50		94	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.28		"	2.50		91	60-150			
<i>Surrogate: Toluene-d8</i>	2.34		"	2.50		94	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.38		"	2.50		95	55-130			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L10007 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7L10007-MS1)		Source: MQL0104-01			Prepared & Analyzed: 12/10/07					
tert-Amyl methyl ether	11.1	0.50	ug/l	10.0	0.160	109	75-140			
Benzene	19.6	0.50	"	10.0	9.93	96	80-120			
tert-Butyl alcohol	213	20	"	200	11.1	101	80-125			
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	75-135			
Ethyl tert-butyl ether	10.5	0.50	"	10.0	ND	105	80-135			
Ethylbenzene	52.4	0.50	"	10.0	44.7	77	75-130			BB
Methyl tert-butyl ether	102	0.50	"	10.0	91.5	103	75-145			BB
Toluene	14.1	0.50	"	10.0	4.26	98	80-125			
Xylenes (total)	125	0.50	"	30.0	96.9	94	75-125			BB
<i>Surrogate: Dibromofluoromethane</i>	2.34		"	2.50		94	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.29		"	2.50		92	60-150			
<i>Surrogate: Toluene-d8</i>	2.39		"	2.50		96	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.42		"	2.50		97	55-130			
Matrix Spike Dup (7L10007-MSD1)		Source: MQL0104-01			Prepared & Analyzed: 12/10/07					
tert-Amyl methyl ether	11.3	0.50	ug/l	10.0	0.160	111	75-140	2	25	
Benzene	19.2	0.50	"	10.0	9.93	92	80-120	2	20	
tert-Butyl alcohol	210	20	"	200	11.1	100	80-125	1	25	
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	75-135	0.1	25	
Ethyl tert-butyl ether	10.5	0.50	"	10.0	ND	105	80-135	0.6	25	
Ethylbenzene	50.5	0.50	"	10.0	44.7	58	75-130	4	20	BB
Methyl tert-butyl ether	101	0.50	"	10.0	91.5	98	75-145	0.5	25	BB
Toluene	13.8	0.50	"	10.0	4.26	96	80-125	2	25	
Xylenes (total)	121	0.50	"	30.0	96.9	81	75-125	3	20	BB
<i>Surrogate: Dibromofluoromethane</i>	2.36		"	2.50		94	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.33		"	2.50		93	60-150			
<i>Surrogate: Toluene-d8</i>	2.37		"	2.50		95	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.46		"	2.50		98	55-130			

Stratus Environmental Inc. [Arco]
3330 Cameron Park Dr., Suite 550
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Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7L06032 - General Preparation / EPA 410.4										
Blank (7L06032-BLK1) Prepared & Analyzed: 12/05/07										
Chemical Oxygen Demand	ND	30000	ug/l							
Laboratory Control Sample (7L06032-BS1) Prepared & Analyzed: 12/05/07										
Chemical Oxygen Demand	101000	30000	ug/l	100000		101	90-110			
Matrix Spike (7L06032-MS1) Source: MQL0105-04 Prepared & Analyzed: 12/05/07										
Chemical Oxygen Demand	103000	30000	ug/l	100000	11000	92	75-125			
Matrix Spike Dup (7L06032-MSD1) Source: MQL0105-04 Prepared & Analyzed: 12/05/07										
Chemical Oxygen Demand	105000	30000	ug/l	100000	11000	94	75-125	2	20	
Batch 7L07020 - General Preparation / SM 2540D										
Blank (7L07020-BLK1) Prepared: 12/05/07 Analyzed: 12/07/07										
Total Suspended Solids	ND	10000	ug/l							
Duplicate (7L07020-DUP1) Source: MQL0186-01 Prepared: 12/05/07 Analyzed: 12/07/07										
Total Suspended Solids	130000	10000	ug/l		124000			5	20	

Stratus Environmental Inc. [Arco]
3330 Cameron Park Dr., Suite 550
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Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

Notes and Definitions

BB Sample > 4x spike concentration
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 Facility No. 608
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda
 State or Lead Regulatory Agency: California Regional Water Quality Control Board
 Requested Due Date (mm/dd/yy): 24 hours for Effluent & STD for others

RUSH

On-site Time: <u>0630</u>	Temp:
Off-site Time: <u>0715</u>	Temp:
Sky Conditions:	
Meteorological Events:	
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, CA</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.: <u>E608-03</u>
Tele/Fax: <u>408-782-8156/ 408-782-6308</u>	Enfos Project No.: <u>GOC24-0017</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>03-O&M</u>	Report Type & QC Level: <u>Level I with EDF</u>
<u>San Ramon, CA</u>	Sub Phase/Task: <u>03-Analytical</u>	E-mail EDD To: <u>shaves@stratusinc.net</u>
Tele/Fax: <u>925-275-3506/925-275-3815</u>	Cost Element: <u>Subcontractor Cost</u>	Invoice to: <u>Atlantic Richfield Co.</u>

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Turnaround Time		Sample Point Lat/Long and Comments	
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO	BTEX	S-Oxygenates	TSS (500mg/L)	COD (50mg/L)	24-hour	Standard		
1	00608WINF	0659	12/23		x		01	3						x	x	x						S-oxygenates requested are MTBE, DIPE, ETBE, TAME, and TBA. The 24-hour TAT rush on 00608EFF is only for GRO, BTEX, and S-Oxys. TSS and COD are to be analyzed on a STD. TAT.
2	00608WGAC1	0651	12/23		x		02	3						x	x	x						
3	00608WGAC2	0649	12/23		x		03	3						x	x	x						
4	00608WEPF	0647	12/23		x		04	7	x					x	x	x	x	x				
5																						
6																						
7																						
8																						
9																						
10																						

Sampler's Name: <u>Chris Hall</u>	Relinquished By / Affiliation: <u>Chris Hall</u>	Date: <u>12/23</u>	Time: <u>1057</u>	Accepted By / Affiliation: <u>JIM WEN. / TAMH</u>	Date: <u>12/23</u>	Time: <u>103</u>
Sampler's Company: <u>Stratus Environmental, Inc.</u>						
Shipment Date: <u>12/23/07</u>						
Shipment Method: <u>Stratus</u>						
Shipment Tracking No:						

Special Instructions: Please cc results to bpedf@Broadbentinc.com

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 7.6 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ARCO
 REC. BY (PRINT) JULIE N.
 WORKORDER: M010105

DATE REC'D AT LAB: 12/5/07
 TIME REC'D AT LAB: 1035
 DATE LOGGED IN: 12/05/07

For Regulatory Purposes?
 DRINKING WATER
 WASTE WATER
 OTHER

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent Intact / Broken*								<div style="transform: rotate(-45deg); font-size: 2em; font-weight: bold;"> JULIE N. SEC COC 12/5 </div>
2. Chain-of-Custody Present / Absent*								
3. Traffic Reports or Packing List: Present / Absent								
4. Airbill: Airbill / Sticker Present / Absent								
5. Airbill #:								
6. Sample Labels: Present / Absent								
7. Sample IDs: Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*								
10. Sample received within hold time? Yes / No*								
11. Adequate sample volume received? Yes / No*								
12. Proper preservatives used? Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*								
14. Read Temp: <u>8.8°C</u> Correction Factor: <u>-1.0°C</u> Corrected Temp: <u>7.8°C</u> Is corrected temp. 0-6°C? Yes / No**								

**Exception (if any): Metals / Perchlorate
 DFF on Ice or Problem COC

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



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

November 8, 2007
Project No. E608-03

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

Subject: Monthly Discharge Report – October 2007
Discharge Permit No. SPD-037B
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 (ARCO a BP Affiliated Company), for the groundwater extraction and treatment system (GWETS) 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 September 25, 2007 through October 30, 2007. The GWETS operational parameters for this period are summarized below:

<i>Treatment System Status:</i>	Continuous operation
<i>Reporting Period:</i>	September 25, 2007 to October 30, 2007
<i>Volume Discharged This Period:</i>	28,060 gallons
<i>Average Flow Rate This Period:</i>	0.58 gallons per minute (gpm) (between September 25 and October 30, 2007)
<i>Effluent pH Reading:</i>	7.49 on 10/01/07
<i>Analytical Report:</i>	See Appendix B

Discussion:

During October 2007, Stratus conducted three site visits (Appendix A) to verify system operation, conduct maintenance as warranted, and to collect influent, mid-fluent (GAC1 and GAC2), and effluent water samples (Figure 3). In accordance with OLSD permit requirements, Stratus collected influent, mid-fluent (GAC1 and GAC2), and effluent water samples on October 1, 2007, and forwarded them to TestAmerica Analytical Testing Corporation, a state-certified laboratory (ELAP #1210), for chemical analysis. The water samples were analyzed for gasoline range organics (GRO) by DHS LUFT Method, for 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. The effluent water sample was also analyzed for total suspended solids (TSS) by USEPA Method 160.2 and for COD by EPA Method 1664A. Copies of analytical reports with chain-of-custody documentation are included in Appendix B.

Petroleum hydrocarbons, TSS, or COD were not reported in the effluent water sample collected on October 1, 2007. Petroleum hydrocarbons (except for MTBE) were below laboratory reporting limits in the influent, GAC1, and GAC2 water samples collected on October 1, 2007. MTBE was reported only in the influent water sample collected on October 1, 2007, at a concentration of 3.5 micrograms per liter ($\mu\text{g/L}$).

Between September 25, 2007 and October 30, 2007, approximately 28,060 gallons of groundwater were extracted, treated, and discharged to the sanitary sewer. Based on the totalizer and hour meter readings for the period of September 25, 2007 to October 30, 2007, the average groundwater extraction and treatment rate was estimated to be approximately 0.58 gpm.

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.”

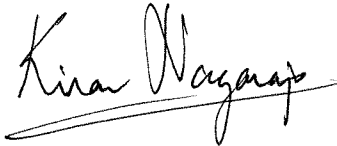
Mr. Jeff Carson, OLSD
Monthly Discharge Report –October 2007
ARCO Service Station No. 608, San Lorenzo

November 8, 2007
Project No. E608-03

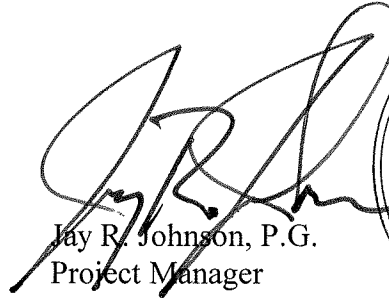
If you have any questions regarding this report, please contact Jay Johnson at (530) 676-6000.

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
	Table 2	Treatment System Analytical Data
	Figure 1	Site Location Map
	Figure 2	Site Plan
	Figure 3	Process Flow Diagram
	Appendix A	Field Data Sheets
	Appendix B	Certified Analytical Reports and Chain-of-Custody Documentation

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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	---	---	---

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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)
10/18/94		22,408	0.5	211,880	90,970	1.8	ND	0.00	3.93	ND	0.000	0.26	---	---	---
11/15/94		23,080	0.0	280,840	68,960	1.7	ND	0.00	3.93	0.7	0.000	0.26	---	---	---
12/05/94		23,489	14.8	325,830	44,990	1.8	470	0.09	4.02	32.0	0.006	0.27	---	---	---
01/04/95		24,205	0.6	408,740	82,910	1.9	ND	0.16	4.18	1.1	0.011	0.28	---	---	---
02/06/95		24,926	9.0	499,690	90,950	2.1	100	0.04	4.22	2.4	0.001	0.28	---	---	---
03/02/95		25,465	6.4	569,180	69,490	2.1	ND	0.03	4.25	ND	0.001	0.28	---	---	---
04/04/95		26,253	0.5	672,510	103,330	2.2	290	0.12	4.37	6.6	0.003	0.28	---	---	---
05/02/95		26,924	0.1	760,350	87,840	2.2	240	0.19	4.57	7.1	0.005	0.29	---	---	---
06/05/95		27,721	2.4	848,810	88,460	1.9	ND	0.09	4.65	ND	0.003	0.29	---	---	---
07/06/95		28,464	0.1	921,260	72,450	1.6	270	0.08	4.74	2.4	0.001	0.29	---	---	---
08/21/95	d	29,568	0.0	993,320	72,060	1.1	230	0.15	4.89	1.8	0.001	0.29	---	---	---
06/05/00	e	29,592	---	976,600	---	---	700	---	4.89	7.2	---	0.29	361.0	---	0.000
06/05/00		29,593	0.0	979,800	3,200	2.1	700	0.02	4.91	7.2	0.000	0.29	361.0	0.01	0.010
07/08/00		30,352	4.2	1,131,560	151,760	3.3	133	0.53	5.43	5.1	0.008	0.30	272.0	0.40	0.410
08/07/00		30,955	16.3	1,228,240	96,680	2.7	144	0.11	5.54	2.8	0.003	0.30	126.0	0.16	0.570
09/08/00		31,528	25.4	1,306,300	78,060	2.3	261	0.13	5.68	2.7	0.002	0.30	120.0	0.08	0.651
10/10/00		32,230	8.6	1,393,820	87,520	2.1	114	0.14	5.81	ND	0.001	0.31	ND	0.04	0.694
11/07/00		32,880	3.3	1,472,930	79,110	2.0	128	0.08	5.89	ND	0.000	0.31	98.6	0.03	0.727
12/05/00		33,516	5.4	1,548,840	75,910	2.0	167	0.09	5.99	0.8	0.000	0.31	104.0	0.06	0.791
01/04/01		33,924	43.3	1,595,340	46,500	1.9	ND	0.03	6.02	ND	0.000	0.31	86.8	0.04	0.828
02/06/01		34,556	20.2	1,672,330	76,990	2.0	203	0.07	6.08	0.6	0.000	0.31	80.5	0.05	0.882
03/08/01		34,776	69.5	1,698,860	26,530	2.0	219	0.05	6.13	ND	0.000	0.31	81.0	0.02	0.899
03/24/01	†	35,088	18.7	1,741,170	42,310	2.3	---	0.07	6.20	---	0.000	0.31	---	0.03	0.928
04/18/01		35,335	59.0	1,770,860	29,690	2.0	75	0.04	6.24	ND	0.000	0.31	97.5	0.02	0.950
05/04/01		35,716	0.0	1,812,690	41,830	1.8	63	0.02	6.26	ND	0.000	0.31	93.2	0.03	0.983
06/09/01		36,345	27.1	1,879,710	67,020	1.8	64	0.04	6.30	ND	0.000	0.31	71.0	0.05	1.029
07/05/01	f	36,469	80.1	1,897,180	17,470	2.3	100	0.01	6.31	ND	0.000	0.31	430.0	0.04	1.066
08/14/01	f	36,822	63.3	1,928,510	31,330	1.5	290	0.05	6.36	2.2	0.000	0.31	870.0	0.17	1.235
09/05/01		37,219	24.8	1,977,050	48,540	2.0	<100	0.06	6.42	<1.0	0.000	0.31	340.0	0.24	1.480
10/05/01		37,932	0.0	2,040,950	63,900	1.5	ND	0.00	6.42	ND	0.000	0.31	150.0	0.13	1.611
11/13/01		38,820	0.0	2,119,670	78,720	1.5	ND	0.00	6.42	ND	0.000	0.31	92.0	0.08	1.690
12/11/01		39,496	0.0	2,186,530	66,860	1.6	65	0.02	6.44	ND	0.000	0.31	83.0	0.05	1.739
01/04/02		40,063	0.0	2,248,700	62,170	1.8	<50	0.02	6.46	ND	0.000	0.31	140.0	0.06	1.797
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

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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)
10/03/02	g	44,956	---	2,520,582	293	0.2	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325
10/07/02	g	44,956	---	2,522,394	1,812	---	160	0.00	6.89	<1.0	0.000	0.31	130.0	0.00	2.329
11/07/02	h	0	---	2,527,925	5,531	---	250	0.01	6.89	<1.0	0.000	0.31	210.0	0.01	2.337
12/05/02		479	28.7	2,528,113	188	0.0	220	0.00	6.89	<1.0	0.000	0.31	110.0	0.00	2.337
01/03/03		1,174	0.1	2,591,359	63,246	1.5	170	0.10	7.00	<1.0	0.000	0.31	140.0	0.07	2.403
02/13/03		2,156	0.2	2,692,710	101,351	1.7	<250	0.07	7.07	<2.5	0.000	0.31	66.0	0.09	2.490
03/27/03		3,165	0.0	2,790,668	97,958	1.6	110	0.04	7.11	<0.50	0.000	0.31	71.0	0.06	2.546
04/24/03		4,172	0.0	2,865,050	74,382	1.2	120	0.07	7.19	<0.50	0.000	0.31	56.0	0.04	2.585
05/30/03		4,459	66.7	2,931,190	66,140	3.8	20	0.04	7.22	<5.0	0.000	0.31	<50	0.00	2.585
06/19/03		4,940	0.0	2,971,985	40,795	1.4	160	0.03	7.25	<5.0	0.000	0.31	46.0	0.01	2.593
07/24/03		5,331	86.3	2,972,362	181,694	1.4	51	0.12	7.38	<0.50	0.000	0.31	41.0	0.08	2.678
08/28/03		6,165	0.8	3,040,900	68,538	1.4	<50	0.01	7.39	<0.50	0.000	0.31	30.0	0.02	2.698
09/25/03		6,838	0.0	3,095,020	54,120	1.3	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.01	2.711
10/23/03		7,512	0.0	3,149,200	177,215	1.1	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.04	2.753
11/20/03		8,182	0.3	3,204,612	55,412	1.4	<50	0.00	7.39	<0.50	0.000	0.31	22.0	0.01	2.764
12/18/03		8,851	1.1	3,264,487	30,531	1.5	52	0.01	7.40	<0.50	0.000	0.31	27.0	0.00	2.770
01/08/04		9,356	1.0	3,312,485	47,998	1.6	--	0.00	7.40	--	0.000	0.31	--	0.00	2.770
01/22/04		9,690	0.7	3,344,994	32,509	1.6	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.00	2.774
02/19/04		10,357	1.6	3,410,457	32,947	1.7	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.00	2.781
03/18/04		11,030	0.0	3,480,800	70,343	1.7	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.02	2.796
04/07/04		11,509	0.2	3,524,179	43,379	1.5	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.01	2.806
04/22/04		11,869	0.0	3,552,144	27,965	1.3	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.811
05/19/04		12,522	0.0	3,607,015	54,871	1.4	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.819
06/16/04		13,198	0.0	3,664,594	57,579	1.4	63	0.02	7.41	<0.50	0.000	0.31	20.0	0.01	2.829
07/22/04		14,050	1.4	3,736,245	71,651	1.4	<50	0.02	7.43	<0.50	0.000	0.31	15.0	0.01	2.839
08/26/04		14,890	0.0	3,803,030	66,785	1.3	<50	0.00	7.43	<0.50	0.000	0.31	23.0	0.01	2.850
09/16/04		15,394	0.0	3,832,211	29,181	1.0	<50	0.00	7.43	<0.50	0.000	0.31	18.0	0.00	2.855
10/21/04		16,235	0.0	3,891,299	59,088	1.2	<50	0.00	7.43	<0.50	0.000	0.31	17.0	0.01	2.863
11/18/04		16,908	0.0	3,942,990	51,691	1.3	<50	0.00	7.43	<0.50	0.000	0.31	14.0	0.01	2.870
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

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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)
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
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	---	---	---	---	---	---	---	---	---
01/02/07	k	34,380.0	99.9	4,732,190	4	0.11	<50	0.00	7.54	<0.50	0.000	0.31	1.4	0.000	2.968
01/12/07	l	34,380.0	100.0	4,732,200	10	---	---	---	---	---	---	---	---	---	---
01/24/07	m	34,669.6	0.0	4,732,220	20	0.00	---	---	---	---	---	---	---	---	---
01/29/07		NM	---	4,737,810	5,590	---	---	---	---	---	---	---	---	---	---
02/05/07		34,960	0.0	4,742,700	4,890	0.60	70	0.01	7.55	<0.50	0.000	0.31	7.1	0.000	2.968
02/20/07		35,316	1.0	4,751,030	8,330	0.39	---	---	---	---	---	---	---	---	---
03/05/07		35,631	0.7	4,756,760	5,730	0.30	87	0.01	7.56	<0.50	0.000	0.31	5.8	0.001	2.969
03/12/07	n	35,795	2.0	4,759,580	2,820	0.29	---	---	---	---	---	---	---	---	---
03/19/07		35,968	3.0	4,762,270	2,690	0.26	---	---	---	---	---	---	---	---	---
03/28/07	o	36,178	2.8	4,762,980	710	0.06	---	---	---	---	---	---	---	---	---
03/30/07	p	36,178	100.0	4,762,980	0	---	---	---	---	---	---	---	---	---	---

**Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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)
04/02/07	q	NM	---	4,762,980	0	---	---	---	---	---	---	---	---	---	---
04/10/07	r	36,178	0.0	4,762,985	5	---	---	---	---	---	---	---	---	---	---
04/16/07	s	36,323.8	1.3	6,538.48	6,538.48	0.75	<50	0.00	7.56	<0.50	0.000	0.31	6.5	0.001	2.970
05/01/07		36,683.4	0.1	22,352.50	15,814.02	0.73	<50	<0.007	7.56	<0.50	<0.0001	0.31	6.9	0.001	2.971
05/15/07		37,018.0	0.4	37,628.90	15,276.40	0.76	---	---	---	---	---	---	---	---	---
05/29/07		37,355.0	0.3	51,253.00	13,624.10	0.67	---	---	---	---	---	---	---	---	---
06/04/07		37,499.6	0.4	56,605.80	5,352.80	0.62	<50	0.00	7.56	<0.50	0.000	0.31	7.1	0.002	2.973
06/26/07		38,027.3	0.1	77,395.90	20,790.10	0.66	---	---	---	---	---	---	---	---	---
07/02/07		38,172.0	0.0	83,568.70	6,172.80	0.71	<50	0.00	7.56	<0.50	0.000	0.31	5.9	0.001	2.974
07/17/07		38,530.0	0.6	99,501.60	15,932.90	0.74	---	---	---	---	---	---	---	---	---
07/26/07		38,749.3	0.0	109,186.00	9,684.40	0.74	---	---	---	---	---	---	---	---	---
08/01/07		38,889.8	2.4	114,716.00	5,530.00	0.66	<50	0.00	---	<0.50	0.000	---	8.0	0.002	2.976
08/07/07		39,032.6	0.8	120,435.00	5,719.00	0.67	---	---	---	---	---	---	---	---	---
08/20/07		39,344.2	0.1	133,470.00	13,035.00	0.70	---	---	---	---	---	---	---	---	---
09/05/07	t	39,729.2	0.0	143,614.00	10,144.00	0.44	<50	0.00	7.56	<0.50	0.000	0.31	6.2	0.002	2.978
09/25/07	u	39,729.2	100.0	20.00	0.00	---	---	---	---	---	---	---	---	---	---
10/01/07		39,873.4	0.1	6,280.00	6,260.00	0.72	<50	<0.003	7.56	<0.50	<0.00003	0.31	3.5	0.0003	2.978
10/17/07		40,254.0	0.9	22,920.00	16,640.00	0.73	---	---	---	---	---	---	---	---	---
10/30/07		40,567.0	0.3	28,080.00	5,160.00	0.27	---	---	---	---	---	---	---	---	---

REPORTING PERIOD:	09/25/07 to 10/30/07		
CUMULATIVE GALLONS EXTRACTED:	8,930,809		
PERIOD GALLONS EXTRACTED:	28,060		
TOTAL POUNDS REMOVED:		7.56	0.31
TOTAL GALLONS REMOVED:		1.24	2.978
AVERAGE PERIOD (9/25/07 to 10/30/07) FLOW RATE (gpm):	0.58		0.48
PERIOD (9/25/07 to 10/30/07) PERCENT OPERATIONAL:	99.7%		
PERIOD POUNDS REMOVED:		NA	NA
PERIOD GALLONS REMOVED:		NA	0.0003
			0.0000

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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.
- k. The GWE system was shutdown after collecting samples on January 2, 2007, pending receipt and verification of analytical results
- l. GWE system re-started after receipt and verification of effluent results for samples collected on January 2, 2007.
- m. GWE system found to be non-operating and was likely shutdown due to clogging of particulate filter. Replaced filter bags and re-started.
- n. Filter bags replaced.
- o. GWE system shutdown for carbon changeout.
- p. GWE system re-started after carbon changeout.
- q. The flow totalizer was observed to be non-functioning upon arrival at site. The system was shutdown pending replacement of totalizer.
- r. GWE system re-started after replacing totalizer. Starting reading of new totalizer = 0.00.
- s. Volume estimated from the initial and final readings of new totalizer
- t. The flow totalizer was observed non-functioning upon arrival at site. The system was shutdown pending replacement of totalizer.
- u. GWE system re-started after replacing totalizer. Starting reading of new totalizer = 20.00.

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 concentrations)

Notes:

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

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

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	370	14	0.34	14	2.4	---	---	---	---	---
03/17/92	160	18	0.32	0.56	1.6	---	---	---	---	---
04/15/92	200	11	<0.30	7.3	0.77	---	---	---	---	---
05/14/92	45	1.4	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	97	25	<0.50	8.5	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	96	7.7	13	0.56	9.7	---	---	---	---	---
01/18/93	100	13	6.6	1.1	11	---	---	---	---	---
02/22/93	480	36	29	4.9	96	---	---	---	---	---
03/15/93	310	29	14	4.9	55	---	---	---	---	---
04/09/93	140	11	2.8	2.6	17	---	---	---	---	---
05/13/93	530	27	12	18	96	---	---	---	---	---
06/04/93	170	5.2	1.6	2.5	23	---	---	---	---	---
07/20/93	200	12	0.91	8.2	29	---	---	---	---	---
08/16/93	150	4.9	0.63	2.9	15	---	---	---	---	---
09/13/93	80	2.2	<0.50	<0.50	4.8	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	73	3.5	<0.50	1.9	8.4	---	---	---	---	---
01/18/94	60	3.1	<0.50	3.2	4.3	---	---	---	---	---
02/17/94	<50	2.5	<0.50	2.1	3.1	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	110	7.8	<1.0	9.6	<1.0	---	---	---	---	---
05/13/94	230	8.3	<0.50	14	6	---	---	---	---	---
06/14/94	230	12	<0.50	16	1.5	---	---	---	---	---
07/14/94	270	6.9	<0.50	15	1.9	---	---	---	---	---
08/18/94	<50	1.8	<0.50	1.5	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	0.66	<0.50	2.6	<0.50	---	---	---	---	---
12/05/94	470	32	0.59	29	6.2	---	---	---	---	---
01/04/95	<50	1.1	<0.50	1.4	<0.50	---	---	---	---	---
02/06/95	100	2.4	1.1	1.2	2.8	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
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	---	---	---	---
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	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
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	---	---	---	---
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	---	---	---	---
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	1.4	NS	<10	NM	NM
02/05/07	70	<0.50	<0.50	<0.50	<0.50	7.1	NS	NS	NM	NM
03/05/07	87	<0.50	<0.50	<0.50	<0.50	5.8	NS	NS	NM	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	6.5	NS	NS	NM	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	6.9	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	7.1	NS	NS	NM	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	5.9	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	8.0	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	6.2	NS	NS	NM	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	3.5	NS	NS	NM	NM

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 ARCO Service Station No. 608
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 San Lorenzo, California

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

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 ARCO Service Station No. 608
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 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)										
07/05/01	<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	---	---	---	---
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	---	---	---	---

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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)										
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	---	---	---	---
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	4.3	NS	NS	NM	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	6.0	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	6.7	NS	NS	NM	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	---	---	---	---	---	---	---	---	---	---
09/08/00	---	---	---	---	---	---	---	---	---	---
10/10/00	---	---	---	---	---	---	---	---	---	---
11/07/00	---	---	---	---	---	---	---	---	---	---
12/05/00	---	---	---	---	---	---	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.94	---	---	---	---
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5)	---	---	---	---
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	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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										
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	---	---	---	---
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	---	---	---	---
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	2.1	NS	NS	NM	NM
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	4.5	NS	NS	NM	NM
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	4.2	NS	NS	NM	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	6.3	NS	NS	NM	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM
07/02/07	<50	0.55	<0.50	<0.50	<0.50	3.8	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
11/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/22/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/09/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/04/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/20/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/16/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
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	---	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
05/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/06/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/21/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	7.19	---
06/12/00	<50	---	---	---	---	---	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	32.1	<10	7.08	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	23.4	<10	6.67	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	29.2	<10	6.82	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.25	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.24	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	44	<10	7.48	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.00	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	10.7	7.03	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.04	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	28.5	<10	7.06	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.31	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.05	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.10	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	14	7.09	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	70	<10	7.07	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	55	<10	6.89	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	150	<10	6.98	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.01	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	52	<10	7.22	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.91	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.77	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.52	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.60	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	0.74	<2.5	<30	<10	7.80	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.0	<30	<10	7.40	0.27
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<30	<10	7.50	---
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.15	0.12
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	32	<10	7.50	0.08
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.95	10.23
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.95	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.02	9.75
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.07	3.00
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.03	2.12
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.79	2.70
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5)	<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

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.12	0.85
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	10	6.57	3.82
03/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.08	0.97
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	27	<10	6.69	1.64
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	20	13	6.50	1.40
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.79	0.75
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.81	1.09
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	19	7.20	1.20
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	7.20	1.20
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.89	2.60
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	14	6.95	0.34
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.92	2.00
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.78	1.26
02/16/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.61	2.01
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.48	0.75
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.66	0.67
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.56	1.75
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.78	1.24
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.82	1.03
08/25/05	<50	<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	--
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.86	NM
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.79	NM
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.31	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.8	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.7	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.5	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<10	8.26	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<10	8.14	NM
08/20/07	NA	NA	NA	NA	NA	NA	<30	NA	NA	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.52	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.49	NM

Table 2
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
NA	=Not analyzed
NS	=Not sampled
NM	=Not measured

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.

GRO analyzed by DHS/LUFT Method, and BTEX & MTBE analyzed by EPA Method 8260B beginning January 2, 2007.

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.

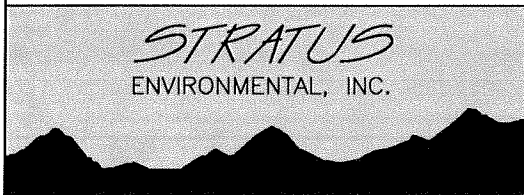
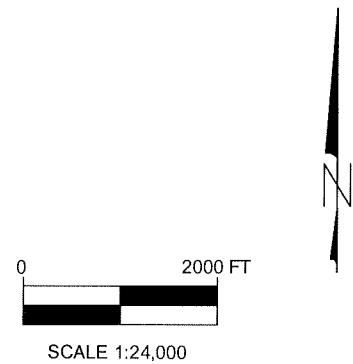
Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g has been changed to GRO. The resulting data may be impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in higher concentrations being reported.



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



QUADRANGLE LOCATION



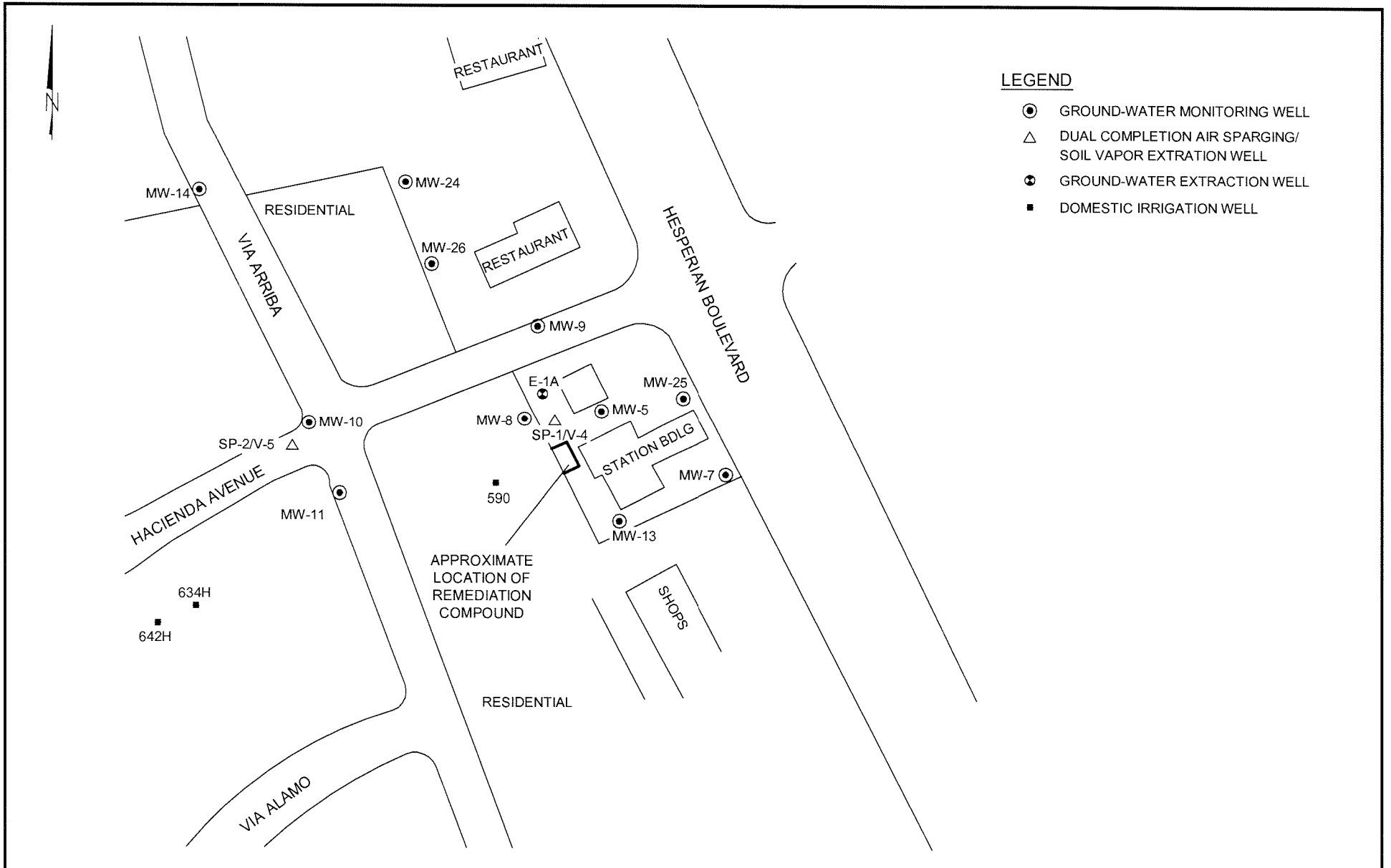
ARCO SERVICE STATION NO. 608
 17601 HESPERIAN BOULEVARD
 SAN LORENZO, CALIFORNIA

SITE LOCATION MAP

FIGURE

1

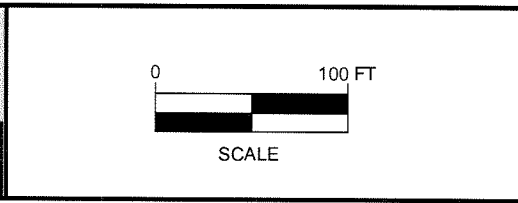
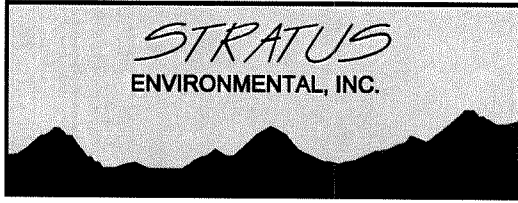
PROJECT NO.
 U608



LEGEND

- GROUND-WATER MONITORING WELL
- △ DUAL COMPLETION AIR SPARGING/
SOIL VAPOR EXTRACTION WELL
- ⊙ GROUND-WATER EXTRACTION WELL
- DOMESTIC IRRIGATION WELL

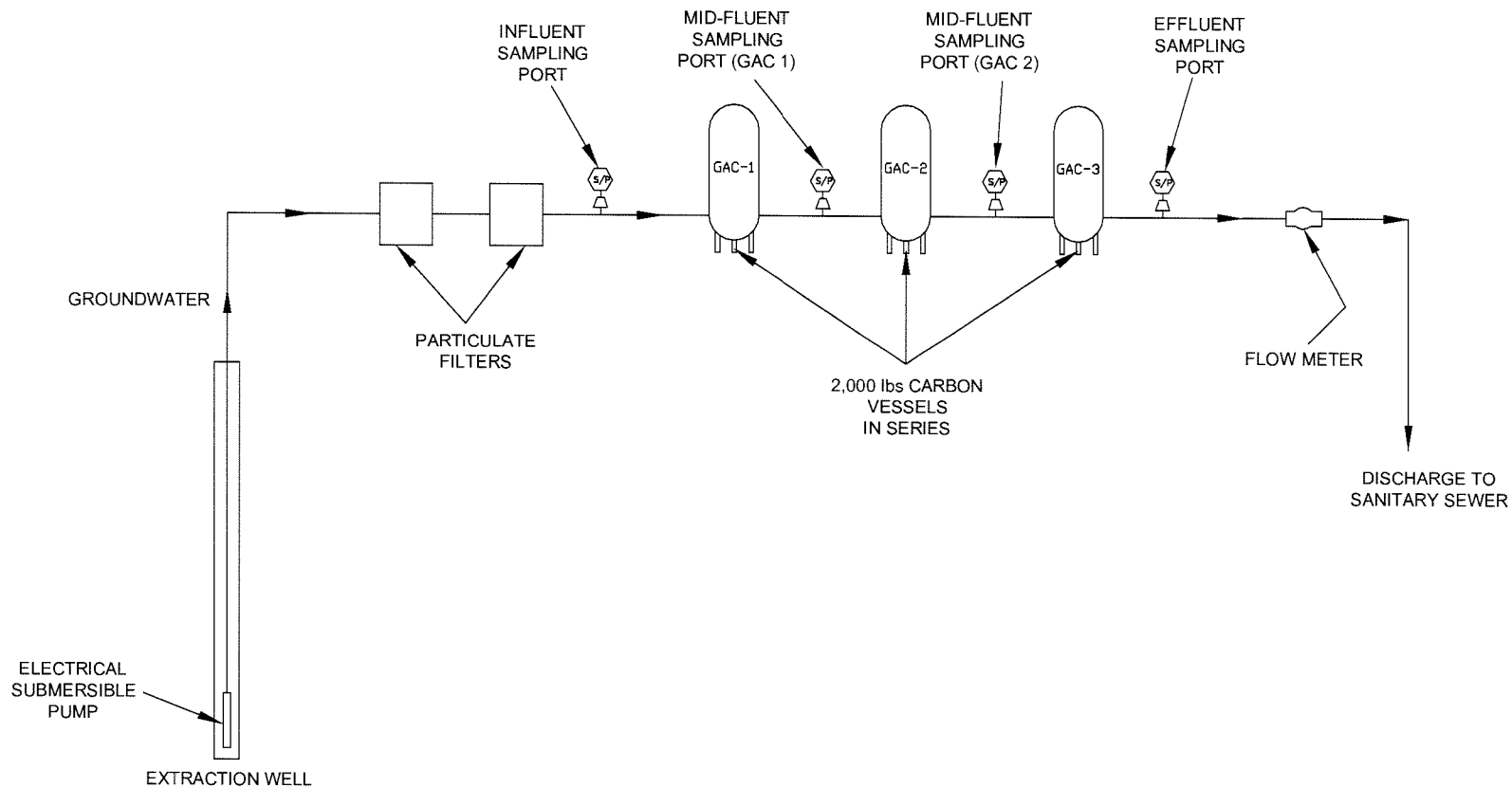
NOTE: SOURCE MAP RECEIVED FROM BROADBENT ASSOCIATES INC. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



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

SITE PLAN

FIGURE
2
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)

ORIGINAL

Date: 10-1-07 Technician: CHILL
 Onsite Time: 0823 Weather Conditions: Clouds
 Offsite Time: 0917 Ambient Temperature: 60
 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 *NA* Non-operational

Electric Meter Reading: 51609
 Hour Meter Reading: 39873.4

Flow Totalizer Reading Before Carbon Treatment: NA

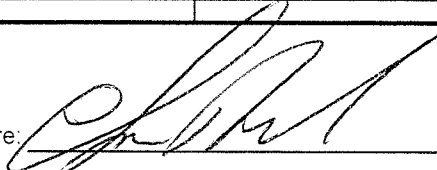
Flow Totalizer Reading After Carbon Treatment: 6280

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	6	6	6	2

Sample Port	Field Measurements (Monthly)		
	Temperature	pH	Electrical Conductivity
	°F	units	msiemens
Effluent	17.7	7.49	934

Sampling Information (Monthly)			
Sample ID	Date & Time	Sample ID	Date & Time
00608WINF	0845	T360810107	0830
00608WGAC1	0835		
00608WGAC2	0838		
00608WEFF	0830		

Signature:  Date: 10-1-07

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

 ORIGINAL

Date: 10/17/07 Technician: CHL
 Onsite Time: 0610 Weather Conditions: Clouds
 Offsite Time: 0645 Ambient Temperature: 55
 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 NA Non-operational

Electric Meter Reading: 51636
 Hour Meter Reading: 40254

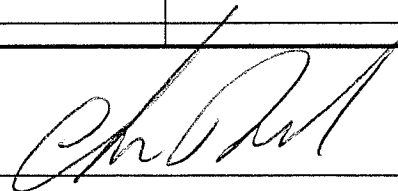
Flow Totalizer Reading Before Carbon Treatment: NA
 Flow Totalizer Reading After Carbon Treatment: 22920

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	4	4	3	2

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:  Date: 10/17/07

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

 ORIGINAL

Date: 103007 Technician: PHILL
 Onsite Time: 0630 Weather Conditions: Cloudy
 Offsite Time: 0700 Ambient Temperature: 50

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: 51667
 Hour Meter Reading: 40567

Flow Totalizer Reading Before Carbon Treatment: —

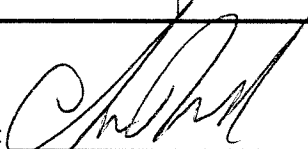
Flow Totalizer Reading After Carbon Treatment: 28080

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	4	4	4	3

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: 103007

APPENDIX B

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

19 October, 2007

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MQJ0008

Enclosed are the results of analyses for samples received by the laboratory on 10/01/07 11:30. 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.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
00608WINF	MQJ0008-01	Water	10/01/07 08:45	10/01/07 11:30
00608WGAC1	MQJ0008-02	Water	10/01/07 08:35	10/01/07 11:30
00608WGAC2	MQJ0008-03	Water	10/01/07 08:38	10/01/07 11:30
00608WEFF	MQJ0008-04	Water	10/01/07 08:30	10/01/07 11:30
TB60810107	MQJ0008-05	Water	10/01/07 08:50	10/01/07 11:30

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 no custody seals.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
00608WINF (MQJ0008-01) Water Sampled: 10/01/07 08:45 Received: 10/01/07 11:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7J11008	10/11/07	10/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		85 %	70-130		"	"	"	"	
Surrogate: Dibromofluoromethane		96 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		92 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	60-135		"	"	"	"	
00608WGAC1 (MQJ0008-02) Water Sampled: 10/01/07 08:35 Received: 10/01/07 11:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7J11008	10/11/07	10/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		85 %	70-130		"	"	"	"	
Surrogate: Dibromofluoromethane		99 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		93 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88 %	60-135		"	"	"	"	
00608WGAC2 (MQJ0008-03) Water Sampled: 10/01/07 08:38 Received: 10/01/07 11:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7J11003	10/10/07	10/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		"	"	"	"	
Surrogate: Dibromofluoromethane		107 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90 %	60-135		"	"	"	"	
00608WEFF (MQJ0008-04) Water Sampled: 10/01/07 08:30 Received: 10/01/07 11:30									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7J02005	10/02/07	10/02/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		105 %	60-125		"	"	"	"	
Surrogate: Dibromofluoromethane		97 %	75-120		"	"	"	"	
Surrogate: Toluene-d8		95 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86 %	60-135		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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00608WINF (MQJ0008-01) Water **Sampled: 10/01/07 08:45** **Received: 10/01/07 11:30**

tert-Amyl methyl ether	ND	0.50	ug/l	1	7J11008	10/11/07	10/11/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	3.5	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	

<i>Surrogate: Dibromofluoromethane</i>		96 %		75-120	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		85 %		70-130	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		90 %		60-135	"	"	"	"	

00608WGAC1 (MQJ0008-02) Water **Sampled: 10/01/07 08:35** **Received: 10/01/07 11:30**

tert-Amyl methyl ether	ND	0.50	ug/l	1	7J11008	10/11/07	10/11/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		99 %		75-120	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		85 %		70-130	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		93 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		88 %		60-135	"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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00608WGAC2 (MQJ0008-03) Water **Sampled: 10/01/07 08:38** **Received: 10/01/07 11:30**

tert-Amyl methyl ether	ND	0.50	ug/l	1	7J11003	10/10/07	10/11/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		107 %		75-120	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %		70-130	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		95 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		90 %		60-135	"	"	"	"	

00608WEFF (MQJ0008-04) Water **Sampled: 10/01/07 08:30** **Received: 10/01/07 11:30**

tert-Amyl methyl ether	ND	0.50	ug/l	1	7J02005	10/02/07	10/02/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		97 %		75-120	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %		60-125	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		95 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86 %		60-135	"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

Conventional Chemistry Parameters by APHA/EPA Methods

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
00608WEFF (MQJ0008-04) Water Sampled: 10/01/07 08:30 Received: 10/01/07 11:30									
Chemical Oxygen Demand	ND	30000	ug/l	1	7J04038	10/03/07	10/03/07	EPA 410.4	
Total Suspended Solids	ND	10000	"	"	7J03018	10/02/07	10/03/07	SM 2540D	

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MQJ0008
Reported:
10/19/07 16:00

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
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Batch 7J02005 - EPA 5030B P/T / LUFT GCMS

Blank (7J02005-BLK1)

Prepared & Analyzed: 10/02/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.70		"	2.50		108	60-125			
Surrogate: Dibromofluoromethane	2.48		"	2.50		99	75-120			
Surrogate: Toluene-d8	2.37		"	2.50		95	80-120			
Surrogate: 4-Bromofluorobenzene	2.10		"	2.50		84	60-135			

Laboratory Control Sample (7J02005-BS2)

Prepared & Analyzed: 10/02/07

Gasoline Range Organics (C4-C12)	562	50	ug/l	500		112	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.53		"	2.50		101	60-125			
Surrogate: Dibromofluoromethane	2.36		"	2.50		94	75-120			
Surrogate: Toluene-d8	2.58		"	2.50		103	80-120			
Surrogate: 4-Bromofluorobenzene	2.52		"	2.50		101	60-135			

Laboratory Control Sample Dup (7J02005-BSD2)

Prepared & Analyzed: 10/02/07

Gasoline Range Organics (C4-C12)	519	50	ug/l	500		104	65-120	8	20	
Surrogate: 1,2-Dichloroethane-d4	2.64		"	2.50		106	60-125			
Surrogate: Dibromofluoromethane	2.41		"	2.50		96	75-120			
Surrogate: Toluene-d8	2.58		"	2.50		103	80-120			
Surrogate: 4-Bromofluorobenzene	2.54		"	2.50		102	60-135			

Matrix Spike (7J02005-MS1)

Source: MQJ0004-05

Prepared & Analyzed: 10/02/07

Gasoline Range Organics (C4-C12)	569	50	ug/l	560	ND	102	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.55		"	2.50		102	60-125			
Surrogate: Dibromofluoromethane	2.58		"	2.50		103	75-120			
Surrogate: Toluene-d8	2.50		"	2.50		100	80-120			
Surrogate: 4-Bromofluorobenzene	2.47		"	2.50		99	60-135			

Matrix Spike Dup (7J02005-MSD1)

Source: MQJ0004-05

Prepared & Analyzed: 10/02/07

Gasoline Range Organics (C4-C12)	594	50	ug/l	560	ND	106	65-120	4	20	
Surrogate: 1,2-Dichloroethane-d4	2.60		"	2.50		104	60-125			
Surrogate: Dibromofluoromethane	2.60		"	2.50		104	75-120			
Surrogate: Toluene-d8	2.50		"	2.50		100	80-120			
Surrogate: 4-Bromofluorobenzene	2.55		"	2.50		102	60-135			

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MQJ0008
Reported:
10/19/07 16:00

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
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Batch 7J11003 - EPA 5030B P/T / LUFT GCMS

Blank (7J11003-BLK1)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.30		"	2.50		92	70-130			
Surrogate: Dibromofluoromethane	2.39		"	2.50		96	75-120			
Surrogate: Toluene-d8	2.46		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.35		"	2.50		94	60-135			

Laboratory Control Sample (7J11003-BS2)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	499	50	ug/l	500		100	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.30		"	2.50		92	70-130			
Surrogate: Dibromofluoromethane	2.47		"	2.50		99	75-120			
Surrogate: Toluene-d8	2.47		"	2.50		99	80-120			
Surrogate: 4-Bromofluorobenzene	2.52		"	2.50		101	60-135			

Laboratory Control Sample Dup (7J11003-BSD2)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	507	50	ug/l	500		101	65-120	2	20	
Surrogate: 1,2-Dichloroethane-d4	2.35		"	2.50		94	70-130			
Surrogate: Dibromofluoromethane	2.42		"	2.50		97	75-120			
Surrogate: Toluene-d8	2.44		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.43		"	2.50		97	60-135			

Matrix Spike (7J11003-MS1)

Source: MQJ0030-02

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	536	50	ug/l	550	ND	97	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.40		"	2.50		96	70-130			
Surrogate: Dibromofluoromethane	2.48		"	2.50		99	75-120			
Surrogate: Toluene-d8	2.49		"	2.50		100	80-120			
Surrogate: 4-Bromofluorobenzene	2.37		"	2.50		95	60-135			

Matrix Spike Dup (7J11003-MSD1)

Source: MQJ0030-02

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	552	50	ug/l	550	ND	100	65-120	3	20	
Surrogate: 1,2-Dichloroethane-d4	2.43		"	2.50		97	70-130			
Surrogate: Dibromofluoromethane	2.57		"	2.50		103	75-120			
Surrogate: Toluene-d8	2.45		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.30		"	2.50		92	60-135			

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Reported:
10/19/07 16:00

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
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Batch 7J11008 - EPA 5030B P/T / LUFT GCMS

Blank (7J11008-BLK1)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.07		"	2.50		83	70-130			
Surrogate: Dibromofluoromethane	2.36		"	2.50		94	75-120			
Surrogate: Toluene-d8	2.41		"	2.50		96	80-120			
Surrogate: 4-Bromofluorobenzene	2.34		"	2.50		94	60-135			

Laboratory Control Sample (7J11008-BS2)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	377	50	ug/l	500		75	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.10		"	2.50		84	70-130			
Surrogate: Dibromofluoromethane	2.38		"	2.50		95	75-120			
Surrogate: Toluene-d8	2.44		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.42		"	2.50		97	60-135			

Laboratory Control Sample Dup (7J11008-BSD2)

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	397	50	ug/l	500		79	65-120	5	20	
Surrogate: 1,2-Dichloroethane-d4	2.04		"	2.50		82	70-130			
Surrogate: Dibromofluoromethane	2.34		"	2.50		94	75-120			
Surrogate: Toluene-d8	2.44		"	2.50		98	80-120			
Surrogate: 4-Bromofluorobenzene	2.48		"	2.50		99	60-135			

Matrix Spike (7J11008-MS1)

Source: MQI0870-07

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	495	50	ug/l	550	42.7	82	65-120			
Surrogate: 1,2-Dichloroethane-d4	2.15		"	2.50		86	70-130			
Surrogate: Dibromofluoromethane	2.49		"	2.50		100	75-120			
Surrogate: Toluene-d8	2.42		"	2.50		97	80-120			
Surrogate: 4-Bromofluorobenzene	2.52		"	2.50		101	60-135			

Matrix Spike Dup (7J11008-MSD1)

Source: MQI0870-07

Prepared & Analyzed: 10/11/07

Gasoline Range Organics (C4-C12)	515	50	ug/l	550	42.7	86	65-120	4	20	
Surrogate: 1,2-Dichloroethane-d4	2.11		"	2.50		84	70-130			
Surrogate: Dibromofluoromethane	2.46		"	2.50		98	75-120			
Surrogate: Toluene-d8	2.40		"	2.50		96	80-120			
Surrogate: 4-Bromofluorobenzene	2.41		"	2.50		96	60-135			

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MQJ0008
Reported:
10/19/07 16:00

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
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Batch 7J02005 - EPA 5030B P/T / EPA 8260B

Blank (7J02005-BLK1)

Prepared & Analyzed: 10/02/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.70		"	2.50		108	60-125			
<i>Surrogate: Toluene-d8</i>	2.37		"	2.50		95	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.10		"	2.50		84	60-135			

Laboratory Control Sample (7J02005-BS1)

Prepared & Analyzed: 10/02/07

tert-Amyl methyl ether	10.3	0.50	ug/l	10.0		103	65-135			
Benzene	9.68	0.50	"	10.0		97	75-120			
tert-Butyl alcohol	184	20	"	200		92	60-135			
Di-isopropyl ether	9.98	0.50	"	10.0		100	70-130			
Ethyl tert-butyl ether	10.1	0.50	"	10.0		101	65-130			
Ethylbenzene	10.4	0.50	"	10.0		104	75-120			
Methyl tert-butyl ether	10.4	0.50	"	10.0		104	50-140			
Toluene	9.70	0.50	"	10.0		97	75-120			
Xylenes (total)	31.8	0.50	"	30.0		106	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.51		"	2.50		100	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.55		"	2.50		102	60-125			
<i>Surrogate: Toluene-d8</i>	2.52		"	2.50		101	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.48		"	2.50		99	60-135			

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MQJ0008
Reported:
10/19/07 16:00

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
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Batch 7J02005 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7J02005-MS1)

Source: MQJ0004-05

Prepared & Analyzed: 10/02/07

tert-Amyl methyl ether	10.2	0.50	ug/l	10.0	ND	102	65-135			
Benzene	9.80	0.50	"	10.0	ND	98	75-120			
tert-Butyl alcohol	186	20	"	200	ND	93	60-135			
Di-isopropyl ether	10.4	0.50	"	10.0	ND	104	70-130			
Ethyl tert-butyl ether	10.3	0.50	"	10.0	ND	103	65-130			
Ethylbenzene	10.2	0.50	"	10.0	ND	102	75-120			
Methyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	50-140			
Toluene	10.0	0.50	"	10.0	0.140	99	75-120			
Xylenes (total)	31.5	0.50	"	30.0	0.340	104	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.58		"	2.50		103	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.55		"	2.50		102	60-125			
<i>Surrogate: Toluene-d8</i>	2.50		"	2.50		100	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.47		"	2.50		99	60-135			

Matrix Spike Dup (7J02005-MSD1)

Source: MQJ0004-05

Prepared & Analyzed: 10/02/07

tert-Amyl methyl ether	10.9	0.50	ug/l	10.0	ND	109	65-135	7	25	
Benzene	10.0	0.50	"	10.0	ND	100	75-120	3	20	
tert-Butyl alcohol	191	20	"	200	ND	96	60-135	3	25	
Di-isopropyl ether	10.8	0.50	"	10.0	ND	108	70-130	4	25	
Ethyl tert-butyl ether	10.8	0.50	"	10.0	ND	108	65-130	5	25	
Ethylbenzene	10.7	0.50	"	10.0	ND	107	75-120	4	20	
Methyl tert-butyl ether	11.1	0.50	"	10.0	ND	111	50-140	8	25	
Toluene	10.2	0.50	"	10.0	0.140	101	75-120	2	25	
Xylenes (total)	33.0	0.50	"	30.0	0.340	109	75-130	5	20	
<i>Surrogate: Dibromofluoromethane</i>	2.60		"	2.50		104	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.60		"	2.50		104	60-125			
<i>Surrogate: Toluene-d8</i>	2.50		"	2.50		100	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.55		"	2.50		102	60-135			

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MQJ0008
Reported:
10/19/07 16:00

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
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Batch 7J11003 - EPA 5030B P/T / EPA 8260B

Blank (7J11003-BLK1)

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.39		"	2.50		96	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.30		"	2.50		92	70-130			
<i>Surrogate: Toluene-d8</i>	2.46		"	2.50		98	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.35		"	2.50		94	60-135			

Laboratory Control Sample (7J11003-BS1)

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	10.1	0.50	ug/l	10.0		101	65-135			
Benzene	10.1	0.50	"	10.0		101	75-120			
tert-Butyl alcohol	182	20	"	200		91	60-135			
Di-isopropyl ether	9.59	0.50	"	10.0		96	70-130			
Ethyl tert-butyl ether	9.98	0.50	"	10.0		100	65-130			
Ethylbenzene	9.87	0.50	"	10.0		99	75-120			
Methyl tert-butyl ether	9.99	0.50	"	10.0		100	50-140			
Toluene	9.50	0.50	"	10.0		95	75-120			
Xylenes (total)	29.2	0.50	"	30.0		97	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.52		"	2.50		101	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.35		"	2.50		94	70-130			
<i>Surrogate: Toluene-d8</i>	2.47		"	2.50		99	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.37		"	2.50		95	60-135			

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Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

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
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Batch 7J11003 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7J11003-MS1)

Source: MQJ0030-02

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	11.1	0.50	ug/l	10.0	ND	111	65-135			
Benzene	10.7	0.50	"	10.0	ND	107	75-120			
tert-Butyl alcohol	194	20	"	200	2.44	96	60-135			
Di-isopropyl ether	10.6	0.50	"	10.0	ND	106	70-130			
Ethyl tert-butyl ether	10.7	0.50	"	10.0	ND	107	65-130			
Ethylbenzene	10.4	0.50	"	10.0	ND	104	75-120			
Methyl tert-butyl ether	11.0	0.50	"	10.0	ND	110	50-140			
Toluene	9.96	0.50	"	10.0	ND	100	75-120			
Xylenes (total)	30.0	0.50	"	30.0	ND	100	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.48		"	2.50		99	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.40		"	2.50		96	70-130			
<i>Surrogate: Toluene-d8</i>	2.49		"	2.50		100	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.37		"	2.50		95	60-135			

Matrix Spike Dup (7J11003-MSD1)

Source: MQJ0030-02

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	11.1	0.50	ug/l	10.0	ND	111	65-135	0.5	25	
Benzene	10.4	0.50	"	10.0	ND	104	75-120	3	20	
tert-Butyl alcohol	195	20	"	200	2.44	96	60-135	0.2	25	
Di-isopropyl ether	10.6	0.50	"	10.0	ND	106	70-130	0.7	25	
Ethyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	65-130	5	25	
Ethylbenzene	9.96	0.50	"	10.0	ND	100	75-120	5	20	
Methyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	50-140	2	25	
Toluene	10.0	0.50	"	10.0	ND	100	75-120	0.8	25	
Xylenes (total)	29.3	0.50	"	30.0	ND	98	75-130	2	20	
<i>Surrogate: Dibromofluoromethane</i>	2.57		"	2.50		103	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.43		"	2.50		97	70-130			
<i>Surrogate: Toluene-d8</i>	2.45		"	2.50		98	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.30		"	2.50		92	60-135			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

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
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Batch 7J11008 - EPA 5030B P/T / EPA 8260B

Blank (7J11008-BLK1)

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.36		"	2.50		94	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.07		"	2.50		83	70-130			
<i>Surrogate: Toluene-d8</i>	2.41		"	2.50		96	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.34		"	2.50		94	60-135			

Laboratory Control Sample (7J11008-BS1)

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	8.86	0.50	ug/l	10.0		89	65-135			
Benzene	10.1	0.50	"	10.0		101	75-120			
tert-Butyl alcohol	205	20	"	200		103	60-135			
Di-isopropyl ether	9.36	0.50	"	10.0		94	70-130			
Ethyl tert-butyl ether	8.12	0.50	"	10.0		81	65-130			
Ethylbenzene	10.0	0.50	"	10.0		100	75-120			
Methyl tert-butyl ether	8.34	0.50	"	10.0		83	50-140			
Toluene	10.1	0.50	"	10.0		101	75-120			
Xylenes (total)	30.9	0.50	"	30.0		103	75-130			
<i>Surrogate: Dibromofluoromethane</i>	2.42		"	2.50		97	75-120			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.00		"	2.50		80	70-130			
<i>Surrogate: Toluene-d8</i>	2.41		"	2.50		96	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.44		"	2.50		98	60-135			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

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
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Batch 7J11008 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7J11008-MS1)

Source: MQI0870-07

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	9.18	0.50	ug/l	10.0	0.250	89	65-135			
Benzene	10.3	0.50	"	10.0	0.530	98	75-120			
tert-Butyl alcohol	219	20	"	200	21.1	99	60-135			
Di-isopropyl ether	9.49	0.50	"	10.0	ND	95	70-130			
Ethyl tert-butyl ether	8.26	0.50	"	10.0	ND	83	65-130			
Ethylbenzene	9.77	0.50	"	10.0	0.190	96	75-120			
Methyl tert-butyl ether	28.2	0.50	"	10.0	20.2	80	50-140			
Toluene	9.90	0.50	"	10.0	ND	99	75-120			
Xylenes (total)	29.5	0.50	"	30.0	ND	98	75-130			
Surrogate: Dibromofluoromethane	2.49		"	2.50		100	75-120			
Surrogate: 1,2-Dichloroethane-d4	2.15		"	2.50		86	70-130			
Surrogate: Toluene-d8	2.42		"	2.50		97	80-120			
Surrogate: 4-Bromofluorobenzene	2.52		"	2.50		101	60-135			

Matrix Spike Dup (7J11008-MSD1)

Source: MQI0870-07

Prepared & Analyzed: 10/11/07

tert-Amyl methyl ether	9.54	0.50	ug/l	10.0	0.250	93	65-135	4	25	
Benzene	10.7	0.50	"	10.0	0.530	102	75-120	4	20	
tert-Butyl alcohol	225	20	"	200	21.1	102	60-135	3	25	
Di-isopropyl ether	9.82	0.50	"	10.0	ND	98	70-130	3	25	
Ethyl tert-butyl ether	8.75	0.50	"	10.0	ND	88	65-130	6	25	
Ethylbenzene	10.1	0.50	"	10.0	0.190	99	75-120	3	20	
Methyl tert-butyl ether	29.1	0.50	"	10.0	20.2	89	50-140	3	25	
Toluene	10.1	0.50	"	10.0	ND	101	75-120	2	25	
Xylenes (total)	30.3	0.50	"	30.0	ND	101	75-130	2	20	
Surrogate: Dibromofluoromethane	2.46		"	2.50		98	75-120			
Surrogate: 1,2-Dichloroethane-d4	2.11		"	2.50		84	70-130			
Surrogate: Toluene-d8	2.40		"	2.50		96	80-120			
Surrogate: 4-Bromofluorobenzene	2.41		"	2.50		96	60-135			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

**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
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Batch 7J04038 - General Preparation / EPA 410.4

Blank (7J04038-BLK1)				Prepared & Analyzed: 10/03/07						
Chemical Oxygen Demand	ND	30000	ug/l							
Laboratory Control Sample (7J04038-BS1)				Prepared & Analyzed: 10/03/07						
Chemical Oxygen Demand	90000	30000	ug/l	100000	12000	90	90-110			
Matrix Spike (7J04038-MS1)				Prepared & Analyzed: 10/03/07						
Chemical Oxygen Demand	107000	30000	ug/l	100000	12000	95	75-125			
Matrix Spike Dup (7J04038-MSD1)				Prepared & Analyzed: 10/03/07						
Chemical Oxygen Demand	110000	30000	ug/l	100000	12000	98	75-125	3	20	

Batch 7J03018 - General Preparation / SM 2540D

Blank (7J03018-BLK1)				Prepared: 10/02/07 Analyzed: 10/03/07						
Total Suspended Solids	ND	10000	ug/l							
Duplicate (7J03018-DUP1)				Prepared: 10/02/07 Analyzed: 10/03/07						
Total Suspended Solids	4670	10000	ug/l		4000			15	20	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQJ0008
Reported:
10/19/07 16:00

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

Atlantic Richfield Company

bp
A BP affiliated company

Chain of Custody Record

Project Name: ARCO Facility No. 608
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda
 State or Lead Regulatory Agency: California Regional Water Quality Control Board
 Requested Due Date (mm/dd/yy): 24 hours for Effluent & STD for others

RUSH

On-site Time: <u>0823</u>	Temp: <u>60</u>
Off-site Time: <u>0915</u>	Temp: <u>60</u>
Sky Conditions: <u>Rain</u>	
Meteorological Events:	
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, CA</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.: <u>E608-03</u>
Tele/Fax: <u>408-782-8156/408-782-6308</u>	Enfos Project No.: <u>G0C24-0017</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>03-O&M</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>shaves@stratusinc.net</u>
Tele/Fax: <u>925-275-3506/925-275-3815</u>	Cost Element: <u>Subcontractor Cost</u>	Invoice to: <u>Atlantic Richfield Co.</u>

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Turnaround Time		Sample Point Lat/Long and Comments			
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	GRO	BTEX	5-Oxygenates	TSS (500ml P)	COD	24-hours	Standard				
1	00608WINF	0845	10/14		x		01	6							x	x	x							5-oxygenates requested are MTBE, DIPE, ETBE, TAME, and TBA. The 24-hour TAT rush on 00608EFF is only for GRO, BTEX, and 5-Oxys.TSS and COD are to be analyzed on a STD. TAT.
2	00608WGAC1	0835	10/14		x		02	6						x	x	x								
3	00608WGAC2	0838			x		03	6							x	x	x							
4	00608WEFF	0830			x		04	10		x					x	x	x	x	x					
5																								
6																								
7																								
8																								
9	TB0610107	0850	10/17		x		05	2																Hold
10																								

Sampler's Name: <u>Chris Hill</u>	Relinquished By / Affiliation: <u>Chris Hill Stratus</u>	Date: <u>10/17</u>	Time: <u>1130</u>	Accepted By / Affiliation: <u>JULIEN / TAMH</u>	Date: <u>10/17/07</u>	Time: <u>1130</u>
Sampler's Company: <u>Stratus Environmental, Inc.</u>						
Shipment Date: <u>10-1-07</u>						
Shipment Method: <u>Stumps</u>						
Shipment Tracking No:						

Special Instructions: Please cc results to Bpedf@Broadbentinc.Com

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 7.8 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ARCO
 REC. BY (PRINT) JULIE N.
 WORKORDER: _____

DATE REC'D AT LAB: 10/01/07
 TIME REC'D AT LAB: 1130
 DATE LOGGED IN: _____

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) Present / Absent Intact / Broken*								<div style="font-size: 2em; transform: rotate(-45deg); opacity: 0.5;"> Julie N. / 10/01/07 See COC </div>
2. Chain-of-Custody Present / Absent*								
3. Traffic Reports or Packing List: Present / Absent								
4. Airbill: Airbill / Sticker Present / Absent								
5. Airbill #: _____								
6. Sample Labels: Present / Absent								
7. Sample IDs: Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*								
10. Sample received within hold time? Yes / No*								
11. Adequate sample volume received? Yes / No*								
12. Proper preservatives used? Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*								
14. Read Temp: <u>7.8°C</u> Correction Factor: <u>-0°C</u> Corrected Temp: <u>7.8°C</u> Is corrected temp. 0-6°C? Yes / No**								
**Exception (if any): METALS / DFF ON ICE or Problem COC								



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

December 6, 2007
Project No. E608-03

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

Subject: Monthly Discharge Report –November 2007
Discharge Permit No. SPD-037B
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 (ARCO a BP Affiliated Company), for the groundwater extraction and treatment system (GWETS) 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 October 30, 2007 through November 20, 2007. The GWETS operational parameters for this period are summarized below:

<i>Treatment System Status:</i>	Continuous operation
<i>Reporting Period:</i>	October 30, 2007 to November 20, 2007
<i>Volume Discharged This Period:</i>	22,210 gallons
<i>Average Flow Rate This Period:</i>	0.73 gallons per minute (gpm) (between October 30 and November 20, 2007)
<i>Effluent pH Reading:</i>	7.55 on 11/06/07
<i>Analytical Report:</i>	See Appendix B

Discussion:

During November 2007, Stratus conducted two site visits (Appendix A) to verify system operation, conduct maintenance as warranted, and to collect influent, mid-fluent (GAC1 and GAC2), and effluent water samples (Figure 3). In accordance with OLSD permit requirements, Stratus collected influent, mid-fluent (GAC1 and GAC2), and effluent water samples on November 6, 2007, and forwarded them to TestAmerica Analytical Testing Corporation, a state-certified laboratory (ELAP #1210), for chemical analysis. The water samples were analyzed for gasoline range organics (GRO) by DHS LUFT Method, for 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. The effluent water sample was also analyzed for total suspended solids (TSS) by USEPA Method 160.2 and for COD by EPA Method 1664A. Copies of analytical reports with chain-of-custody documentation are included in Appendix B.

Petroleum hydrocarbons, TSS, or COD were not reported in the effluent water sample collected on November 6, 2007. Petroleum hydrocarbons (except for MTBE) were below laboratory reporting limits in the influent, GAC1, and GAC2 water samples collected on November 6, 2007. MTBE was reported only in the influent water sample collected on November 6, 2007, at a concentration of 4.7 micrograms per liter ($\mu\text{g/L}$).

Between October 30, 2007 and November 20, 2007, approximately 22,210 gallons of groundwater were extracted, treated, and discharged to the sanitary sewer. Based on the totalizer and hour meter readings for the period of October 30, 2007 to November 20, 2007, the average groundwater extraction and treatment rate was estimated to be approximately 0.73 gpm.

As we discussed on December 6, 2007, the GWETS was shutdown on December 5, 2007 in accordance with Alameda County Health Care Services letter dated November 28, 2007. Prior to shutdown on December 5, 2007, influent, mid-fluent, and effluent water samples were collected and forwarded to the laboratory for chemical analysis. The flow totalizer data and analytical results for samples collected on December 5, 2007 will be included in the *Monthly Discharge Report – December 2007* due by January 10, 2008.

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.”

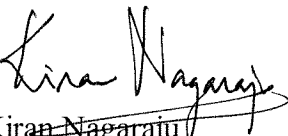
Mr. Jeff Carson, OLSD
Monthly Discharge Report – November 2007
ARCO Service Station No. 608, San Lorenzo


December 6, 2007
Project No. E608-03

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
Table 2 Treatment System Analytical Data
Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Process Flow Diagram
Appendix A Field Data Sheets
Appendix B Certified Analytical Reports and Chain-of-Custody Documentation

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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	---	---	---

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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)
10/18/94		22,408	0.5	211,880	90,970	1.8	ND	0.00	3.93	ND	0.000	0.26	---	---	---
11/15/94		23,080	0.0	280,840	68,960	1.7	ND	0.00	3.93	0.7	0.000	0.26	---	---	---
12/05/94		23,489	14.8	325,830	44,990	1.8	470	0.09	4.02	32.0	0.006	0.27	---	---	---
01/04/95		24,205	0.6	408,740	82,910	1.9	ND	0.16	4.18	1.1	0.011	0.28	---	---	---
02/06/95		24,926	9.0	499,690	90,950	2.1	100	0.04	4.22	2.4	0.001	0.28	---	---	---
03/02/95		25,465	6.4	569,180	69,490	2.1	ND	0.03	4.25	ND	0.001	0.28	---	---	---
04/04/95		26,253	0.5	672,510	103,330	2.2	290	0.12	4.37	6.6	0.003	0.28	---	---	---
05/02/95		26,924	0.1	760,350	87,840	2.2	240	0.19	4.57	7.1	0.005	0.29	---	---	---
06/05/95		27,721	2.4	848,810	88,460	1.9	ND	0.09	4.65	ND	0.003	0.29	---	---	---
07/06/95		28,464	0.1	921,260	72,450	1.6	270	0.08	4.74	2.4	0.001	0.29	---	---	---
08/21/95	d	29,568	0.0	993,320	72,060	1.1	230	0.15	4.89	1.8	0.001	0.29	---	---	---
06/05/00	e	29,592	---	976,600	---	---	700	---	4.89	7.2	---	0.29	361.0	---	0.000
06/05/00		29,593	0.0	979,800	3,200	2.1	700	0.02	4.91	7.2	0.000	0.29	361.0	0.01	0.010
07/08/00		30,352	4.2	1,131,560	151,760	3.3	133	0.53	5.43	5.1	0.008	0.30	272.0	0.40	0.410
08/07/00		30,955	16.3	1,228,240	96,680	2.7	144	0.11	5.54	2.8	0.003	0.30	126.0	0.16	0.570
09/08/00		31,528	25.4	1,306,300	78,060	2.3	261	0.13	5.68	2.7	0.002	0.30	120.0	0.08	0.651
10/10/00		32,230	8.6	1,393,820	87,520	2.1	114	0.14	5.81	ND	0.001	0.31	ND	0.04	0.694
11/07/00		32,880	3.3	1,472,930	79,110	2.0	128	0.08	5.89	ND	0.000	0.31	98.6	0.03	0.727
12/05/00		33,516	5.4	1,548,840	75,910	2.0	167	0.09	5.99	0.8	0.000	0.31	104.0	0.06	0.791
01/04/01		33,924	43.3	1,595,340	46,500	1.9	ND	0.03	6.02	ND	0.000	0.31	86.8	0.04	0.828
02/06/01		34,556	20.2	1,672,330	76,990	2.0	203	0.07	6.08	0.6	0.000	0.31	80.5	0.05	0.882
03/08/01		34,776	69.5	1,698,860	26,530	2.0	219	0.05	6.13	ND	0.000	0.31	81.0	0.02	0.899
03/24/01	†	35,088	18.7	1,741,170	42,310	2.3	---	0.07	6.20	---	0.000	0.31	---	0.03	0.928
04/18/01		35,335	59.0	1,770,860	29,690	2.0	75	0.04	6.24	ND	0.000	0.31	97.5	0.02	0.950
05/04/01		35,716	0.0	1,812,690	41,830	1.8	63	0.02	6.26	ND	0.000	0.31	93.2	0.03	0.983
06/09/01		36,345	27.1	1,879,710	67,020	1.8	64	0.04	6.30	ND	0.000	0.31	71.0	0.05	1.029
07/05/01	f	36,469	80.1	1,897,180	17,470	2.3	100	0.01	6.31	ND	0.000	0.31	430.0	0.04	1.066
08/14/01	f	36,822	63.3	1,928,510	31,330	1.5	290	0.05	6.36	2.2	0.000	0.31	870.0	0.17	1.235
09/05/01		37,219	24.8	1,977,050	48,540	2.0	<100	0.06	6.42	<1.0	0.000	0.31	340.0	0.24	1.480
10/05/01		37,932	0.0	2,040,950	63,900	1.5	ND	0.00	6.42	ND	0.000	0.31	150.0	0.13	1.611
11/13/01		38,820	0.0	2,119,670	78,720	1.5	ND	0.00	6.42	ND	0.000	0.31	92.0	0.08	1.690
12/11/01		39,496	0.0	2,186,530	66,860	1.6	65	0.02	6.44	ND	0.000	0.31	83.0	0.05	1.739
01/04/02		40,063	0.0	2,248,700	62,170	1.8	<50	0.02	6.46	ND	0.000	0.31	140.0	0.06	1.797
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

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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)
10/03/02	g	44,956	---	2,520,582	293	0.2	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325
10/07/02	g	44,956	---	2,522,394	1,812	---	160	0.00	6.89	<1.0	0.000	0.31	130.0	0.00	2.329
11/07/02	h	0	---	2,527,925	5,531	---	250	0.01	6.89	<1.0	0.000	0.31	210.0	0.01	2.337
12/05/02		479	28.7	2,528,113	188	0.0	220	0.00	6.89	<1.0	0.000	0.31	110.0	0.00	2.337
01/03/03		1,174	0.1	2,591,359	63,246	1.5	170	0.10	7.00	<1.0	0.000	0.31	140.0	0.07	2.403
02/13/03		2,156	0.2	2,692,710	101,351	1.7	<250	0.07	7.07	<2.5	0.000	0.31	66.0	0.09	2.490
03/27/03		3,165	0.0	2,790,668	97,958	1.6	110	0.04	7.11	<0.50	0.000	0.31	71.0	0.06	2.546
04/24/03		4,172	0.0	2,865,050	74,382	1.2	120	0.07	7.19	<0.50	0.000	0.31	56.0	0.04	2.585
05/30/03		4,459	66.7	2,931,190	66,140	3.8	20	0.04	7.22	<5.0	0.000	0.31	<50	0.00	2.585
06/19/03		4,940	0.0	2,971,985	40,795	1.4	160	0.03	7.25	<5.0	0.000	0.31	46.0	0.01	2.593
07/24/03		5,331	86.3	2,972,362	181,694	1.4	51	0.12	7.38	<0.50	0.000	0.31	41.0	0.08	2.678
08/28/03		6,165	0.8	3,040,900	68,538	1.4	<50	0.01	7.39	<0.50	0.000	0.31	30.0	0.02	2.698
09/25/03		6,838	0.0	3,095,020	54,120	1.3	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.01	2.711
10/23/03		7,512	0.0	3,149,200	177,215	1.1	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.04	2.753
11/20/03		8,182	0.3	3,204,612	55,412	1.4	<50	0.00	7.39	<0.50	0.000	0.31	22.0	0.01	2.764
12/18/03		8,851	1.1	3,264,487	30,531	1.5	52	0.01	7.40	<0.50	0.000	0.31	27.0	0.00	2.770
01/08/04		9,356	1.0	3,312,485	47,998	1.6	--	0.00	7.40	--	0.000	0.31	--	0.00	2.770
01/22/04		9,690	0.7	3,344,994	32,509	1.6	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.00	2.774
02/19/04		10,357	1.6	3,410,457	32,947	1.7	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.00	2.781
03/18/04		11,030	0.0	3,480,800	70,343	1.7	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.02	2.796
04/07/04		11,509	0.2	3,524,179	43,379	1.5	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.01	2.806
04/22/04		11,869	0.0	3,552,144	27,965	1.3	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.811
05/19/04		12,522	0.0	3,607,015	54,871	1.4	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.819
06/16/04		13,198	0.0	3,664,594	57,579	1.4	63	0.02	7.41	<0.50	0.000	0.31	20.0	0.01	2.829
07/22/04		14,050	1.4	3,736,245	71,651	1.4	<50	0.02	7.43	<0.50	0.000	0.31	15.0	0.01	2.839
08/26/04		14,890	0.0	3,803,030	66,785	1.3	<50	0.00	7.43	<0.50	0.000	0.31	23.0	0.01	2.850
09/16/04		15,394	0.0	3,832,211	29,181	1.0	<50	0.00	7.43	<0.50	0.000	0.31	18.0	0.00	2.855
10/21/04		16,235	0.0	3,891,299	59,088	1.2	<50	0.00	7.43	<0.50	0.000	0.31	17.0	0.01	2.863
11/18/04		16,908	0.0	3,942,990	51,691	1.3	<50	0.00	7.43	<0.50	0.000	0.31	14.0	0.01	2.870
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

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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)
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
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	---	---	---	---	---	---	---	---	---
01/02/07	k	34,380.0	99.9	4,732,190	4	0.11	<50	0.00	7.54	<0.50	0.000	0.31	1.4	0.000	2.968
01/12/07	l	34,380.0	100.0	4,732,200	10	---	---	---	---	---	---	---	---	---	---
01/24/07	m	34,669.6	0.0	4,732,220	20	0.00	---	---	---	---	---	---	---	---	---
01/29/07		NM	---	4,737,810	5,590	---	---	---	---	---	---	---	---	---	---
02/05/07		34,960	0.0	4,742,700	4,890	0.60	70	0.01	7.55	<0.50	0.000	0.31	7.1	0.000	2.968
02/20/07		35,316	1.0	4,751,030	8,330	0.39	---	---	---	---	---	---	---	---	---
03/05/07		35,631	0.7	4,756,760	5,730	0.30	87	0.01	7.56	<0.50	0.000	0.31	5.8	0.001	2.969
03/12/07	n	35,795	2.0	4,759,580	2,820	0.29	---	---	---	---	---	---	---	---	---
03/19/07		35,968	3.0	4,762,270	2,690	0.26	---	---	---	---	---	---	---	---	---
03/28/07	o	36,178	2.8	4,762,980	710	0.06	---	---	---	---	---	---	---	---	---
03/30/07	p	36,178	100.0	4,762,980	0	---	---	---	---	---	---	---	---	---	---

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ARCO Service Station No. 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)
04/02/07	q	NM	---	4,762,980	0	---	---	---	---	---	---	---	---	---	---
04/10/07	r	36,178	0.0	4,762,985	5	---	---	---	---	---	---	---	---	---	---
04/16/07	s	36,323.8	1.3	6,538.48	6,538.48	0.75	<50	0.00	7.56	<0.50	0.000	0.31	6.5	0.001	2.970
05/01/07		36,683.4	0.1	22,352.50	15,814.02	0.73	<50	<0.007	7.56	<0.50	<0.0001	0.31	6.9	0.001	2.971
05/15/07		37,018.0	0.4	37,628.90	15,276.40	0.76	---	---	---	---	---	---	---	---	---
05/29/07		37,355.0	0.3	51,253.00	13,624.10	0.67	---	---	---	---	---	---	---	---	---
06/04/07		37,499.6	0.4	56,605.80	5,352.80	0.62	<50	0.00	7.56	<0.50	0.000	0.31	7.1	0.002	2.973
06/26/07		38,027.3	0.1	77,395.90	20,790.10	0.66	---	---	---	---	---	---	---	---	---
07/02/07		38,172.0	0.0	83,568.70	6,172.80	0.71	<50	0.00	7.56	<0.50	0.000	0.31	5.9	0.001	2.974
07/17/07		38,530.0	0.6	99,501.60	15,932.90	0.74	---	---	---	---	---	---	---	---	---
07/26/07		38,749.3	0.0	109,186.00	9,684.40	0.74	---	---	---	---	---	---	---	---	---
08/01/07		38,889.8	2.4	114,716.00	5,530.00	0.66	<50	0.00	---	<0.50	0.000	---	8.0	0.002	2.976
08/07/07		39,032.6	0.8	120,435.00	5,719.00	0.67	---	---	---	---	---	---	---	---	---
08/20/07		39,344.2	0.1	133,470.00	13,035.00	0.70	---	---	---	---	---	---	---	---	---
09/05/07	t	39,729.2	0.0	143,614.00	10,144.00	0.44	<50	0.00	7.56	<0.50	0.000	0.31	6.2	0.002	2.978
09/25/07	u	39,729.2	100.0	20.00	0.00	---	---	---	---	---	---	---	---	---	---
10/01/07		39,873.4	0.1	6,280.00	6,260.00	0.72	<50	<0.003	7.56	<0.50	<0.00003	0.31	3.5	0.0003	2.978
10/17/07		40,254.0	0.9	22,920.00	16,640.00	0.73	---	---	---	---	---	---	---	---	---
10/30/07		40,567.0	0.3	28,080.00	5,160.00	0.27	---	---	---	---	---	---	---	---	---
11/06/07		40,739.0	0.0	35,610.00	7,530.00	0.73	<50	<0.012	7.56	<0.50	<0.00012	0.31	4.7	0.001	2.979
11/20/07		41,072.0	0.9	50,290.00	14,680.00	0.73	---	---	---	---	---	---	---	---	---

REPORTING PERIOD:	10/30/07 to 11/20/07				
CUMULATIVE GALLONS EXTRACTED:	8,953,019				
PERIOD GALLONS EXTRACTED:	22,210				
TOTAL POUNDS REMOVED:			7.56	0.31	2.979
TOTAL GALLONS REMOVED:			1.24	0.04	0.48
AVERAGE PERIOD (10/30/07 to 11/20/07) FLOW RATE (gpm):	0.73				
PERIOD (10/30/07 to 11/20/07) PERCENT OPERATIONAL:	99.0%				
PERIOD POUNDS REMOVED:			NA	NA	0.001
PERIOD GALLONS REMOVED:			NA	NA	0.0002

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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.
- k. The GWE system was shutdown after collecting samples on January 2, 2007, pending receipt and verification of analytical results
- l. GWE system re-started after receipt and verification of effluent results for samples collected on January 2, 2007.
- m. GWE system found to be non-operating and was likely shutdown due to clogging of particulate filter. Replaced filter bags and re-started.
- n. Filter bags replaced.
- o. GWE system shutdown for carbon changeout.
- p. GWE system re-started after carbon changeout.
- q. The flow totalizer was observed to be non-functioning upon arrival at site. The system was shutdown pending replacement of totalizer.
- r. GWE system re-started after replacing totalizer. Starting reading of new totalizer = 0.00.
- s. Volume estimated from the initial and final readings of new totalizer
- t. The flow totalizer was observed non-functioning upon arrival at site. The system was shutdown pending replacement of totalizer.
- u. GWE system re-started after replacing totalizer. Starting reading of new totalizer = 20.00.

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 concentrations)

Notes:

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

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

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	370	14	0.34	14	2.4	---	---	---	---	---
03/17/92	160	18	0.32	0.56	1.6	---	---	---	---	---
04/15/92	200	11	<0.30	7.3	0.77	---	---	---	---	---
05/14/92	45	1.4	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	97	25	<0.50	8.5	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	96	7.7	13	0.56	9.7	---	---	---	---	---
01/18/93	100	13	6.6	1.1	11	---	---	---	---	---
02/22/93	480	36	29	4.9	96	---	---	---	---	---
03/15/93	310	29	14	4.9	55	---	---	---	---	---
04/09/93	140	11	2.8	2.6	17	---	---	---	---	---
05/13/93	530	27	12	18	96	---	---	---	---	---
06/04/93	170	5.2	1.6	2.5	23	---	---	---	---	---
07/20/93	200	12	0.91	8.2	29	---	---	---	---	---
08/16/93	150	4.9	0.63	2.9	15	---	---	---	---	---
09/13/93	80	2.2	<0.50	<0.50	4.8	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	73	3.5	<0.50	1.9	8.4	---	---	---	---	---
01/18/94	60	3.1	<0.50	3.2	4.3	---	---	---	---	---
02/17/94	<50	2.5	<0.50	2.1	3.1	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	110	7.8	<1.0	9.6	<1.0	---	---	---	---	---
05/13/94	230	8.3	<0.50	14	6	---	---	---	---	---
06/14/94	230	12	<0.50	16	1.5	---	---	---	---	---
07/14/94	270	6.9	<0.50	15	1.9	---	---	---	---	---
08/18/94	<50	1.8	<0.50	1.5	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	0.66	<0.50	2.6	<0.50	---	---	---	---	---
12/05/94	470	32	0.59	29	6.2	---	---	---	---	---
01/04/95	<50	1.1	<0.50	1.4	<0.50	---	---	---	---	---
02/06/95	100	2.4	1.1	1.2	2.8	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
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	---	---	---	---
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	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
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	---	---	---	---
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	---	---	---	---
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	1.4	NS	<10	NM	NM
02/05/07	70	<0.50	<0.50	<0.50	<0.50	7.1	NS	NS	NM	NM
03/05/07	87	<0.50	<0.50	<0.50	<0.50	5.8	NS	NS	NM	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	6.5	NS	NS	NM	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	6.9	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	7.1	NS	NS	NM	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	5.9	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	8.0	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	6.2	NS	NS	NM	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	3.5	NS	NS	NM	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM

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 17601 Hesperian Boulevard at Hacienda Avenue
 San Lorenzo, California

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

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
07/05/01	<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	---	---	---	---
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	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
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	---	---	---	---
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	4.3	NS	NS	NM	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	6.0	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	6.7	NS	NS	NM	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM

<p style="text-align: center;">Table 2 Treatment System Analytical Data ARCO Service Station No. 608 17601 Hesperian Boulevard at Hacienda Avenue San Lorenzo, California</p>										
Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-2 (between secondary and tertiary carbons)										
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	---	---	---	---	---	---	---	---	---	---
09/08/00	---	---	---	---	---	---	---	---	---	---
10/10/00	---	---	---	---	---	---	---	---	---	---
11/07/00	---	---	---	---	---	---	---	---	---	---
12/05/00	---	---	---	---	---	---	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.94	---	---	---	---
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5)	---	---	---	---
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	---	---	---	---

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Treatment System Analytical Data
 ARCO Service Station No. 608
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 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										
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	---	---	---	---
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	---	---	---	---
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	2.1	NS	NS	NM	NM
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	4.5	NS	NS	NM	NM
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	4.2	NS	NS	NM	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	6.3	NS	NS	NM	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM
07/02/07	<50	0.55	<0.50	<0.50	<0.50	3.8	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM

<p style="text-align: center;">Table 2 Treatment System Analytical Data ARCO Service Station No. 608 17601 Hesperian Boulevard at Hacienda Avenue San Lorenzo, California</p>										
Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
11/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/22/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/09/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/04/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/20/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/16/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
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	---	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
05/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/06/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/21/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	7.19	---
06/12/00	<50	---	---	---	---	---	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	32.1	<10	7.08	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	23.4	<10	6.67	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	29.2	<10	6.82	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.25	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.24	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	44	<10	7.48	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.00	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	10.7	7.03	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.04	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	28.5	<10	7.06	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.31	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.05	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.10	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	14	7.09	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	70	<10	7.07	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	55	<10	6.89	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	150	<10	6.98	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.01	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	52	<10	7.22	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.91	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.77	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.52	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.60	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	0.74	<2.5	<30	<10	7.80	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.0	<30	<10	7.40	0.27
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<30	<10	7.50	---
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.15	0.12
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	32	<10	7.50	0.08
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.95	10.23
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.95	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.02	9.75
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.07	3.00
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.03	2.12
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.79	2.70
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5)	<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

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.12	0.85
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	10	6.57	3.82
03/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.08	0.97
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	27	<10	6.69	1.64
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	20	13	6.50	1.40
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.79	0.75
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.81	1.09
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	19	7.20	1.20
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	7.20	1.20
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.89	2.60
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	14	6.95	0.34
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.92	2.00
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.78	1.26
02/16/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.61	2.01
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.48	0.75
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.66	0.67
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.56	1.75
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.78	1.24
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.82	1.03
08/25/05	<50	<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	--
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.86	NM
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.79	NM
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.31	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.8	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.7	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.5	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<10	8.26	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<10	8.14	NM
08/20/07	NA	NA	NA	NA	NA	NA	<30	NA	NA	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.52	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.49	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.55	NM

Table 2
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
NA	=Not analyzed
NS	=Not sampled
NM	=Not measured

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.

GRO analyzed by DHS/LUFT Method, and BTEX & MTBE analyzed by EPA Method 8260B beginning January 2, 2007.

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.

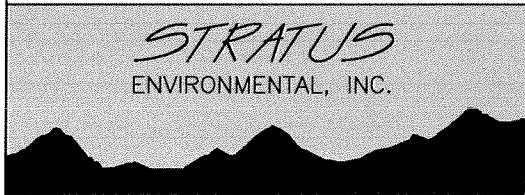
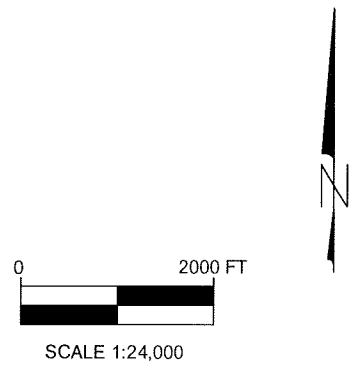
Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g has been changed to GRO. The resulting data may be impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in higher concentrations being reported.



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

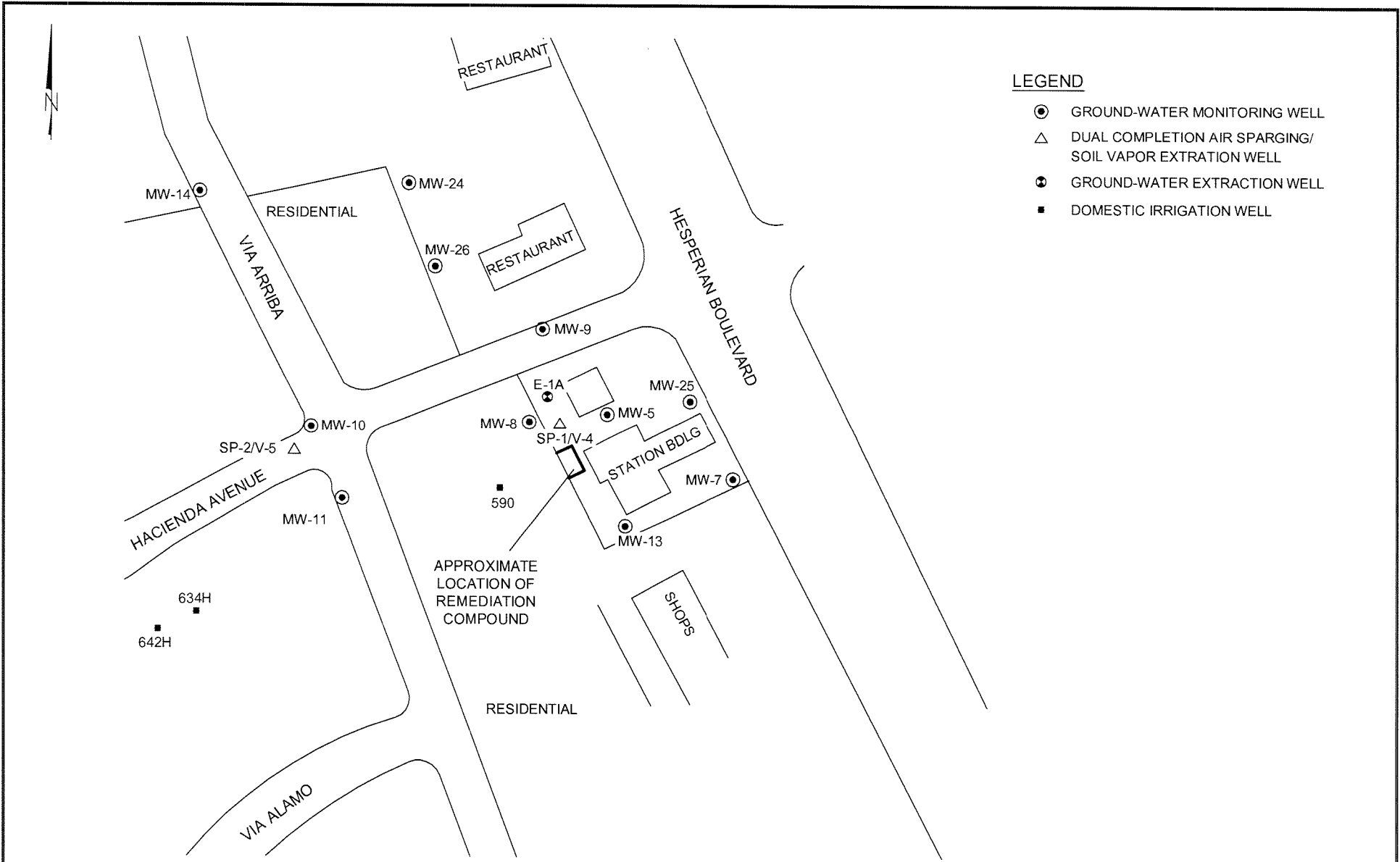


QUADRANGLE LOCATION



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

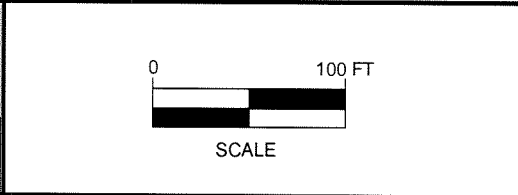
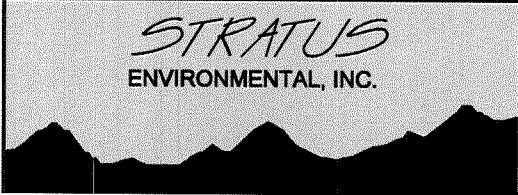
FIGURE
 1
 PROJECT NO.
 U608



LEGEND

- GROUND-WATER MONITORING WELL
- △ DUAL COMPLETION AIR SPARGING/ SOIL VAPOR EXTRACTION WELL
- ⊕ GROUND-WATER EXTRACTION WELL
- DOMESTIC IRRIGATION WELL

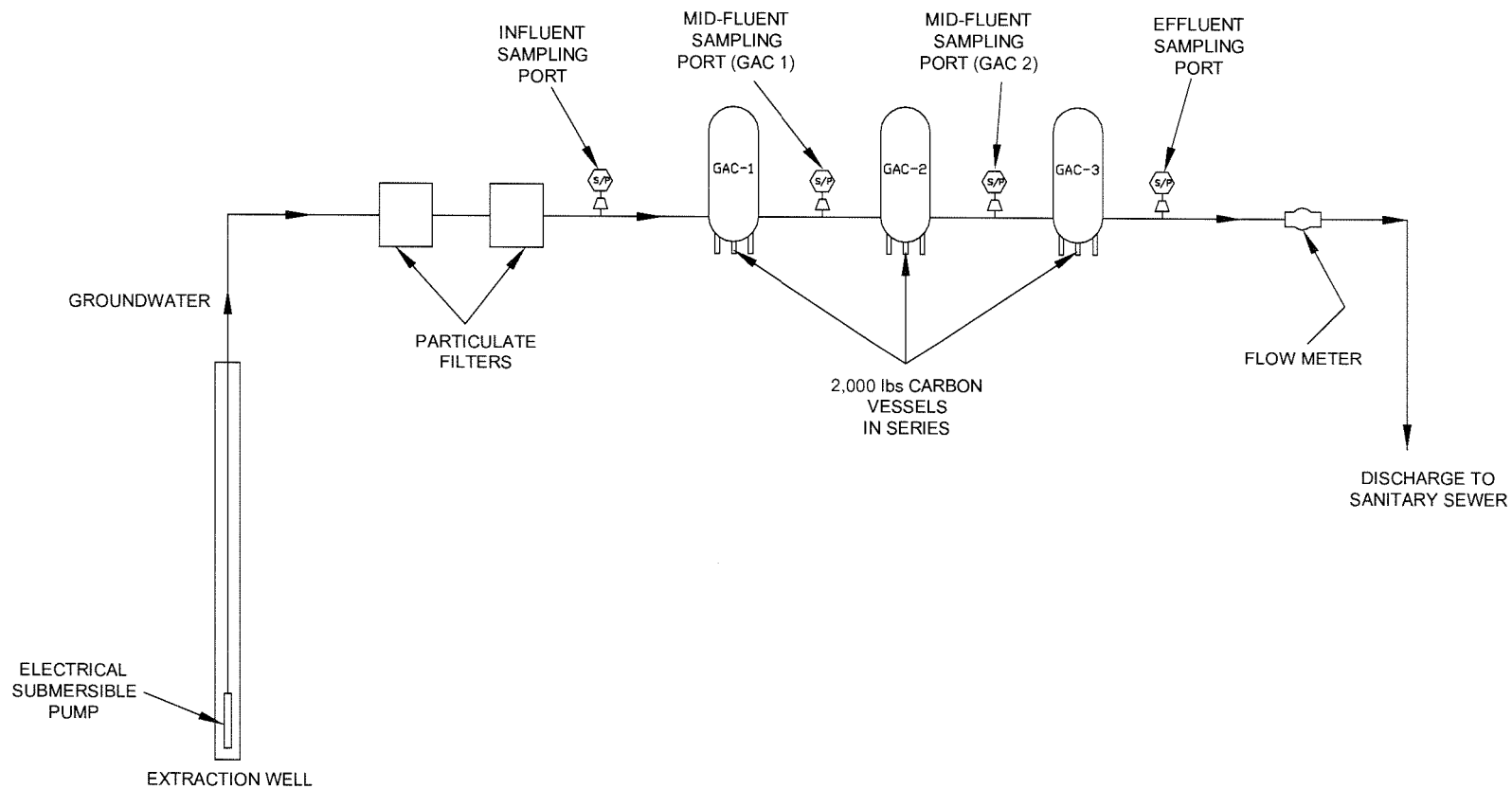
NOTE: SOURCE MAP RECEIVED FROM BROADBENT ASSOCIATES INC. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



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

SITE PLAN

FIGURE
2
 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)

ORIGINAL

Date: 11-6-07 Technician: CHILL
 Onsite Time: 0830 Weather Conditions: Fog
 Offsite Time: 0945 Ambient Temperature: 55°
 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: 51785
 Hour Meter Reading: 40739

Flow Totalizer Reading Before Carbon Treatment: N/A
 Flow Totalizer Reading After Carbon Treatment: 35610
 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	3	3	3	2

Sample Port	Field Measurements (Monthly)		
	Temperature °F	pH units	Electrical Conductivity msiemens
Effluent	24.20	7.55	942

Sampling Information (Monthly)			
Sample ID	Date & Time	Sample ID	Date & Time
00608WINF	11607 0922		
00608WGAC1	)		0919
00608WGAC2			0916
00608WEFF			0914

TS60811607

Signature: [Signature] Date: 11607

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

ORIGINAL

Date: 112007 Technician: CHILL
 Onsite Time: 0630 Weather Conditions: Clear
 Offsite Time: 0700 Ambient Temperature: 50
 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

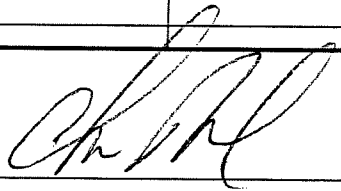
Electric Meter Reading: 51728
 Hour Meter Reading: 41072

Flow Totalizer Reading Before Carbon Treatment: NA
 Flow Totalizer Reading After Carbon Treatment: 50290
 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	3	3	3.5	3

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

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

Signature:  Date: 112007

APPENDIX B

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

20 November, 2007

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MQK0162

Enclosed are the results of analyses for samples received by the laboratory on 11/06/07 11:45. 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: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
00608WINF	MQK0162-01	Water	11/06/07 09:22	11/06/07 11:45
00608WGAC1	MQK0162-02	Water	11/06/07 09:19	11/06/07 11:45
00608WGAC2	MQK0162-03	Water	11/06/07 09:16	11/06/07 11:45
00608WEFF	MQK0162-04	Water	11/06/07 09:14	11/06/07 11:45
TB60811607	MQK0162-05	Water	11/06/07 09:30	11/06/07 11:45

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.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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00608WINF (MQK0162-01) Water **Sampled: 11/06/07 09:22** **Received: 11/06/07 11:45**

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7K11001	11/10/07	11/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		92 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		112 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		93 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		75 %	55-130		"	"	"	"	

00608WGAC1 (MQK0162-02) Water **Sampled: 11/06/07 09:19** **Received: 11/06/07 11:45**

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7K11001	11/10/07	11/11/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		92 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		111 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		92 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		74 %	55-130		"	"	"	"	

00608WGAC2 (MQK0162-03) Water **Sampled: 11/06/07 09:16** **Received: 11/06/07 11:45**

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7K16007	11/16/07	11/16/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		102 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		101 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		94 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		89 %	55-130		"	"	"	"	

00608WEFF (MQK0162-04) Water **Sampled: 11/06/07 09:14** **Received: 11/06/07 11:45**

Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7K06011	11/06/07	11/07/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		102 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		102 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		98 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92 %	55-130		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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00608WINF (MQK0162-01) Water Sampled: 11/06/07 09:22 Received: 11/06/07 11:45

tert-Amyl methyl ether	ND	0.50	ug/l	1	7K11001	11/10/07	11/11/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	4.7	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		112 %		75-130	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92 %		60-150	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		93 %		75-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		75 %		55-130	"	"	"	"	

00608WGAC1 (MQK0162-02) Water Sampled: 11/06/07 09:19 Received: 11/06/07 11:45

tert-Amyl methyl ether	ND	0.50	ug/l	1	7K11001	11/10/07	11/11/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		111 %		75-130	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92 %		60-150	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92 %		75-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		74 %		55-130	"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

Volatile Organic Compounds by EPA Method 8260B

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
00608WGAC2 (MQK0162-03) Water Sampled: 11/06/07 09:16 Received: 11/06/07 11:45										
tert-Amyl methyl ether	ND	0.50		ug/l	1	7K16007	11/16/07	11/16/07	EPA 8260B	
Benzene	ND	0.50		"	"	"	"	"	"	
tert-Butyl alcohol	ND	20		"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
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>		101 %		75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		60-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		94 %		75-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89 %		55-130		"	"	"	"	
00608WEFF (MQK0162-04) Water Sampled: 11/06/07 09:14 Received: 11/06/07 11:45										
tert-Amyl methyl ether	ND	0.50		ug/l	1	7K06011	11/06/07	11/07/07	EPA 8260B	
Benzene	ND	0.50		"	"	"	"	"	"	
tert-Butyl alcohol	ND	20		"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50		"	"	"	"	"	"	
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>		102 %		75-130		"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		60-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		98 %		75-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92 %		55-130		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

Conventional Chemistry Parameters by APHA/EPA Methods

TestAmerica - Morgan Hill, CA

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
00608WEFF (MQK0162-04) Water Sampled: 11/06/07 09:14 Received: 11/06/07 11:45										
Chemical Oxygen Demand	ND	30000		ug/l	1	7K12024	11/12/07	11/12/07	EPA 410.4	
Total Suspended Solids	ND	10000		"	"	7K07009	11/06/07	11/07/07	SM 2540D	

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQK0162 Reported: 11/20/07 13:59
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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
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Batch 7K06011 - EPA 5030B P/T / LUFT GCMS

Blank (7K06011-BLK1)

Prepared & Analyzed: 11/06/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.32		"	2.50		93	60-150			
Surrogate: Dibromofluoromethane	2.26		"	2.50		90	75-130			
Surrogate: Toluene-d8	2.38		"	2.50		95	75-120			
Surrogate: 4-Bromofluorobenzene	2.33		"	2.50		93	55-130			

Laboratory Control Sample (7K06011-BS2)

Prepared & Analyzed: 11/06/07

Gasoline Range Organics (C4-C12)	396	50	ug/l	500		79	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.52		"	2.50		101	60-150			
Surrogate: Dibromofluoromethane	2.37		"	2.50		95	75-130			
Surrogate: Toluene-d8	2.56		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.57		"	2.50		103	55-130			

Laboratory Control Sample Dup (7K06011-BSD2)

Prepared & Analyzed: 11/06/07

Gasoline Range Organics (C4-C12)	400	50	ug/l	500		80	55-130	1	20	
Surrogate: 1,2-Dichloroethane-d4	2.42		"	2.50		97	60-150			
Surrogate: Dibromofluoromethane	2.41		"	2.50		96	75-130			
Surrogate: Toluene-d8	2.55		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.55		"	2.50		102	55-130			

Matrix Spike (7K06011-MS1)

Source: MQK0146-05

Prepared & Analyzed: 11/06/07

Gasoline Range Organics (C4-C12)	517	50	ug/l	550	ND	94	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.34		"	2.50		94	60-150			
Surrogate: Dibromofluoromethane	2.57		"	2.50		103	75-130			
Surrogate: Toluene-d8	2.56		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.49		"	2.50		100	55-130			

Matrix Spike Dup (7K06011-MSD1)

Source: MQK0146-05

Prepared & Analyzed: 11/06/07

Gasoline Range Organics (C4-C12)	513	50	ug/l	550	ND	93	25-150	0.8	20	
Surrogate: 1,2-Dichloroethane-d4	2.36		"	2.50		94	60-150			
Surrogate: Dibromofluoromethane	2.54		"	2.50		102	75-130			
Surrogate: Toluene-d8	2.58		"	2.50		103	75-120			
Surrogate: 4-Bromofluorobenzene	2.48		"	2.50		99	55-130			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

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
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Batch 7K11001 - EPA 5030B P/T / LUFT GCMS

Blank (7K11001-BLK1)

Prepared & Analyzed: 11/11/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.07		"	2.50		83	60-150			
Surrogate: Dibromofluoromethane	2.55		"	2.50		102	75-130			
Surrogate: Toluene-d8	2.40		"	2.50		96	75-120			
Surrogate: 4-Bromofluorobenzene	2.02		"	2.50		81	55-130			

Laboratory Control Sample (7K11001-BS2)

Prepared & Analyzed: 11/11/07

Gasoline Range Organics (C4-C12)	373	50	ug/l	500		75	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.13		"	2.50		85	60-150			
Surrogate: Dibromofluoromethane	2.59		"	2.50		104	75-130			
Surrogate: Toluene-d8	2.46		"	2.50		98	75-120			
Surrogate: 4-Bromofluorobenzene	2.25		"	2.50		90	55-130			

Laboratory Control Sample Dup (7K11001-BSD2)

Prepared & Analyzed: 11/11/07

Gasoline Range Organics (C4-C12)	376	50	ug/l	500		75	55-130	0.8	20	
Surrogate: 1,2-Dichloroethane-d4	2.13		"	2.50		85	60-150			
Surrogate: Dibromofluoromethane	2.61		"	2.50		104	75-130			
Surrogate: Toluene-d8	2.47		"	2.50		99	75-120			
Surrogate: 4-Bromofluorobenzene	2.15		"	2.50		86	55-130			

Matrix Spike (7K11001-MS1)

Source: MQK0176-12

Prepared & Analyzed: 11/11/07

Gasoline Range Organics (C4-C12)	404	50	ug/l	550	ND	73	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.28		"	2.50		91	60-150			
Surrogate: Dibromofluoromethane	2.82		"	2.50		113	75-130			
Surrogate: Toluene-d8	2.40		"	2.50		96	75-120			
Surrogate: 4-Bromofluorobenzene	2.03		"	2.50		81	55-130			

Matrix Spike Dup (7K11001-MSD1)

Source: MQK0176-12

Prepared & Analyzed: 11/11/07

Gasoline Range Organics (C4-C12)	428	50	ug/l	550	ND	78	25-150	6	20	
Surrogate: 1,2-Dichloroethane-d4	2.36		"	2.50		94	60-150			
Surrogate: Dibromofluoromethane	2.81		"	2.50		112	75-130			
Surrogate: Toluene-d8	2.45		"	2.50		98	75-120			
Surrogate: 4-Bromofluorobenzene	2.03		"	2.50		81	55-130			

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQK0162 Reported: 11/20/07 13:59
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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
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Batch 7K16007 - EPA 5030B P/T / LUFT GCMS

Blank (7K16007-BLK1)

Prepared & Analyzed: 11/16/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.52		"	2.50		101	60-150			
Surrogate: Dibromofluoromethane	2.48		"	2.50		99	75-130			
Surrogate: Toluene-d8	2.35		"	2.50		94	75-120			
Surrogate: 4-Bromofluorobenzene	2.29		"	2.50		92	55-130			

Laboratory Control Sample (7K16007-BS2)

Prepared & Analyzed: 11/16/07

Gasoline Range Organics (C4-C12)	446	50	ug/l	500		89	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.53		"	2.50		101	60-150			
Surrogate: Dibromofluoromethane	2.35		"	2.50		94	75-130			
Surrogate: Toluene-d8	2.53		"	2.50		101	75-120			
Surrogate: 4-Bromofluorobenzene	2.57		"	2.50		103	55-130			

Laboratory Control Sample Dup (7K16007-BSD2)

Prepared & Analyzed: 11/16/07

Gasoline Range Organics (C4-C12)	449	50	ug/l	500		90	55-130	0.7	20	
Surrogate: 1,2-Dichloroethane-d4	2.48		"	2.50		99	60-150			
Surrogate: Dibromofluoromethane	2.44		"	2.50		98	75-130			
Surrogate: Toluene-d8	2.55		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.64		"	2.50		106	55-130			

Matrix Spike (7K16007-MS1)

Source: MQK0162-03

Prepared & Analyzed: 11/16/07

Gasoline Range Organics (C4-C12)	505	50	ug/l	550	ND	92	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.40		"	2.50		96	60-150			
Surrogate: Dibromofluoromethane	2.50		"	2.50		100	75-130			
Surrogate: Toluene-d8	2.57		"	2.50		103	75-120			
Surrogate: 4-Bromofluorobenzene	2.65		"	2.50		106	55-130			

Matrix Spike Dup (7K16007-MSD1)

Source: MQK0162-03

Prepared & Analyzed: 11/16/07

Gasoline Range Organics (C4-C12)	499	50	ug/l	550	ND	91	25-150	1	20	
Surrogate: 1,2-Dichloroethane-d4	2.43		"	2.50		97	60-150			
Surrogate: Dibromofluoromethane	2.42		"	2.50		97	75-130			
Surrogate: Toluene-d8	2.52		"	2.50		101	75-120			
Surrogate: 4-Bromofluorobenzene	2.57		"	2.50		103	55-130			

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

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
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Batch 7K06011 - EPA 5030B P/T / EPA 8260B

Blank (7K06011-BLK1)

Prepared & Analyzed: 11/06/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.26		"	2.50		90	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.32		"	2.50		93	60-150			
<i>Surrogate: Toluene-d8</i>	2.38		"	2.50		95	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.33		"	2.50		93	55-130			

Laboratory Control Sample (7K06011-BS1)

Prepared & Analyzed: 11/06/07

tert-Amyl methyl ether	10.5	0.50	ug/l	10.0		105	75-125			
Benzene	10.2	0.50	"	10.0		102	75-120			
tert-Butyl alcohol	212	20	"	200		106	80-120			
Di-isopropyl ether	9.97	0.50	"	10.0		100	70-130			
Ethyl tert-butyl ether	10.3	0.50	"	10.0		103	75-130			
Ethylbenzene	10.6	0.50	"	10.0		106	80-125			
Methyl tert-butyl ether	10.3	0.50	"	10.0		103	80-130			
Toluene	10.7	0.50	"	10.0		107	80-120			
Xylenes (total)	32.2	0.50	"	30.0		107	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.48		"	2.50		99	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.31		"	2.50		92	60-150			
<i>Surrogate: Toluene-d8</i>	2.52		"	2.50		101	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.50		"	2.50		100	55-130			

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Reported:
11/20/07 13:59

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
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Batch 7K06011 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7K06011-MS1)	Source: MQK0146-05			Prepared & Analyzed: 11/06/07						
tert-Amyl methyl ether	11.7	0.50	ug/l	10.0	ND	117	75-140			
Benzene	10.7	0.50	"	10.0	0.110	106	80-120			
tert-Butyl alcohol	226	20	"	200	ND	113	80-125			
Di-isopropyl ether	10.7	0.50	"	10.0	ND	107	75-135			
Ethyl tert-butyl ether	11.2	0.50	"	10.0	ND	112	80-135			
Ethylbenzene	10.6	0.50	"	10.0	ND	106	75-130			
Methyl tert-butyl ether	11.5	0.50	"	10.0	0.200	113	75-145			
Toluene	10.8	0.50	"	10.0	ND	108	80-125			
Xylenes (total)	32.8	0.50	"	30.0	0.340	108	75-125			
<i>Surrogate: Dibromofluoromethane</i>	2.57		"	2.50		103	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.34		"	2.50		94	60-150			
<i>Surrogate: Toluene-d8</i>	2.56		"	2.50		102	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.49		"	2.50		100	55-130			

Matrix Spike Dup (7K06011-MSD1)	Source: MQK0146-05			Prepared & Analyzed: 11/06/07						
tert-Amyl methyl ether	11.9	0.50	ug/l	10.0	ND	119	75-140	2	25	
Benzene	10.8	0.50	"	10.0	0.110	107	80-120	1	20	
tert-Butyl alcohol	223	20	"	200	ND	112	80-125	0.9	25	
Di-isopropyl ether	11.1	0.50	"	10.0	ND	111	75-135	4	25	
Ethyl tert-butyl ether	11.5	0.50	"	10.0	ND	115	80-135	2	25	
Ethylbenzene	10.6	0.50	"	10.0	ND	106	75-130	0.2	20	
Methyl tert-butyl ether	11.7	0.50	"	10.0	0.200	115	75-145	2	25	
Toluene	10.7	0.50	"	10.0	ND	107	80-125	1	25	
Xylenes (total)	32.7	0.50	"	30.0	0.340	108	75-125	0.5	20	
<i>Surrogate: Dibromofluoromethane</i>	2.54		"	2.50		102	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.36		"	2.50		94	60-150			
<i>Surrogate: Toluene-d8</i>	2.58		"	2.50		103	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.48		"	2.50		99	55-130			

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Reported:
11/20/07 13:59

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
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Batch 7K11001 - EPA 5030B P/T / EPA 8260B

Blank (7K11001-BLK1)

Prepared & Analyzed: 11/11/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.55		"	2.50		102	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.07		"	2.50		83	60-150			
<i>Surrogate: Toluene-d8</i>	2.40		"	2.50		96	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.02		"	2.50		81	55-130			

Laboratory Control Sample (7K11001-BS1)

Prepared & Analyzed: 11/11/07

tert-Amyl methyl ether	9.42	0.50	ug/l	10.0		94	75-125			
Benzene	9.52	0.50	"	10.0		95	75-120			
tert-Butyl alcohol	180	20	"	200		90	80-120			
Di-isopropyl ether	8.97	0.50	"	10.0		90	70-130			
Ethyl tert-butyl ether	8.62	0.50	"	10.0		86	75-130			
Ethylbenzene	9.16	0.50	"	10.0		92	80-125			
Methyl tert-butyl ether	8.67	0.50	"	10.0		87	80-130			
Toluene	9.80	0.50	"	10.0		98	80-120			
Xylenes (total)	32.0	0.50	"	30.0		106	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.65		"	2.50		106	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.15		"	2.50		86	60-150			
<i>Surrogate: Toluene-d8</i>	2.42		"	2.50		97	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.14		"	2.50		86	55-130			

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Reported:
11/20/07 13:59

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
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Batch 7K11001 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7K11001-MS1)	Source: MQK0176-12			Prepared & Analyzed: 11/11/07						
tert-Amyl methyl ether	10.8	0.50	ug/l	10.0	ND	108	75-140			
Benzene	9.79	0.50	"	10.0	ND	98	80-120			
tert-Butyl alcohol	182	20	"	200	ND	91	80-125			
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	75-135			
Ethyl tert-butyl ether	9.73	0.50	"	10.0	ND	97	80-135			
Ethylbenzene	8.37	0.50	"	10.0	ND	84	75-130			
Methyl tert-butyl ether	9.73	0.50	"	10.0	ND	97	75-145			
Toluene	9.79	0.50	"	10.0	ND	98	80-125			
Xylenes (total)	28.9	0.50	"	30.0	ND	96	75-125			
<i>Surrogate: Dibromofluoromethane</i>	2.82		"	2.50		113	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.28		"	2.50		91	60-150			
<i>Surrogate: Toluene-d8</i>	2.40		"	2.50		96	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.03		"	2.50		81	55-130			

Matrix Spike Dup (7K11001-MSD1)	Source: MQK0176-12			Prepared & Analyzed: 11/11/07						
tert-Amyl methyl ether	11.3	0.50	ug/l	10.0	ND	113	75-140	5	25	
Benzene	10.3	0.50	"	10.0	ND	103	80-120	5	20	
tert-Butyl alcohol	181	20	"	200	ND	90	80-125	0.7	25	
Di-isopropyl ether	10.6	0.50	"	10.0	ND	106	75-135	4	25	
Ethyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	80-135	5	25	
Ethylbenzene	8.80	0.50	"	10.0	ND	88	75-130	5	20	
Methyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	75-145	5	25	
Toluene	10.2	0.50	"	10.0	ND	102	80-125	4	25	
Xylenes (total)	30.1	0.50	"	30.0	ND	100	75-125	4	20	
<i>Surrogate: Dibromofluoromethane</i>	2.81		"	2.50		112	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.36		"	2.50		94	60-150			
<i>Surrogate: Toluene-d8</i>	2.45		"	2.50		98	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.03		"	2.50		81	55-130			

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MQK0162
Reported:
11/20/07 13:59

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
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Batch 7K16007 - EPA 5030B P/T / EPA 8260B

Blank (7K16007-BLK1)

Prepared & Analyzed: 11/16/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.52		"	2.50		101	60-150			
<i>Surrogate: Toluene-d8</i>	2.35		"	2.50		94	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.29		"	2.50		92	55-130			

Laboratory Control Sample (7K16007-BS1)

Prepared & Analyzed: 11/16/07

tert-Amyl methyl ether	11.1	0.50	ug/l	10.0		111	75-125			
Benzene	10.1	0.50	"	10.0		101	75-120			
tert-Butyl alcohol	224	20	"	200		112	80-120			
Di-isopropyl ether	10.6	0.50	"	10.0		106	70-130			
Ethyl tert-butyl ether	10.9	0.50	"	10.0		109	75-130			
Ethylbenzene	10.8	0.50	"	10.0		108	80-125			
Methyl tert-butyl ether	11.0	0.50	"	10.0		110	80-130			
Toluene	10.4	0.50	"	10.0		104	80-120			
Xylenes (total)	32.3	0.50	"	30.0		108	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.59		"	2.50		104	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.57		"	2.50		103	60-150			
<i>Surrogate: Toluene-d8</i>	2.60		"	2.50		104	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.56		"	2.50		102	55-130			

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MQK0162
Reported:
11/20/07 13:59

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
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Batch 7K16007 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7K16007-MS1)	Source: MQK0162-03			Prepared & Analyzed: 11/16/07						
tert-Amyl methyl ether	10.3	0.50	ug/l	10.0	ND	103	75-140			
Benzene	10.1	0.50	"	10.0	ND	101	80-120			
tert-Butyl alcohol	214	20	"	200	ND	107	80-125			
Di-isopropyl ether	10.2	0.50	"	10.0	ND	102	75-135			
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	80-135			
Ethylbenzene	10.9	0.50	"	10.0	ND	109	75-130			
Methyl tert-butyl ether	10.3	0.50	"	10.0	ND	103	75-145			
Toluene	10.3	0.50	"	10.0	ND	103	80-125			
Xylenes (total)	32.6	0.50	"	30.0	ND	109	75-125			
<i>Surrogate: Dibromofluoromethane</i>	2.50		"	2.50		100	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.40		"	2.50		96	60-150			
<i>Surrogate: Toluene-d8</i>	2.57		"	2.50		103	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.65		"	2.50		106	55-130			

Matrix Spike Dup (7K16007-MSD1)	Source: MQK0162-03			Prepared & Analyzed: 11/16/07						
tert-Amyl methyl ether	10.2	0.50	ug/l	10.0	ND	102	75-140	2	25	
Benzene	10.1	0.50	"	10.0	ND	101	80-120	0.4	20	
tert-Butyl alcohol	215	20	"	200	ND	107	80-125	0.6	25	
Di-isopropyl ether	10.4	0.50	"	10.0	ND	104	75-135	2	25	
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	80-135	0.6	25	
Ethylbenzene	10.8	0.50	"	10.0	ND	108	75-130	0.6	20	
Methyl tert-butyl ether	10.3	0.50	"	10.0	ND	103	75-145	0.1	25	
Toluene	10.2	0.50	"	10.0	ND	102	80-125	0.9	25	
Xylenes (total)	31.9	0.50	"	30.0	ND	106	75-125	2	20	
<i>Surrogate: Dibromofluoromethane</i>	2.42		"	2.50		97	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.43		"	2.50		97	60-150			
<i>Surrogate: Toluene-d8</i>	2.52		"	2.50		101	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.57		"	2.50		103	55-130			

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MQK0162
Reported:
11/20/07 13:59

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
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Batch 7K12024 - General Preparation / EPA 410.4

Blank (7K12024-BLK1) Prepared & Analyzed: 11/12/07

Chemical Oxygen Demand	ND	30000	ug/l							
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Laboratory Control Sample (7K12024-BS1) Prepared & Analyzed: 11/12/07

Chemical Oxygen Demand	95000	30000	ug/l	100000		95	90-110			
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Matrix Spike (7K12024-MS1) Source: MQK0146-05 Prepared & Analyzed: 11/12/07

Chemical Oxygen Demand	118000	30000	ug/l	100000	23000	95	75-125			
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Matrix Spike Dup (7K12024-MSD1) Source: MQK0146-05 Prepared & Analyzed: 11/12/07

Chemical Oxygen Demand	106000	30000	ug/l	100000	23000	83	75-125	11	20	
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Batch 7K07009 - General Preparation / SM 2540D

Blank (7K07009-BLK1) Prepared: 11/06/07 Analyzed: 11/07/07

Total Suspended Solids	ND	10000	ug/l							
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Duplicate (7K07009-DUP1) Source: MQK0146-05 Prepared: 11/06/07 Analyzed: 11/07/07

Total Suspended Solids	80000	10000	ug/l		81700			2	20	
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Stratus Environmental Inc. [Arco]
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Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQK0162
Reported:
11/20/07 13:59

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

Atlantic Richfield Company

bp
A BP affiliated company

Chain of Custody Record

Project Name: ARCO Facility No. 608
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda
 State or Lead Regulatory Agency: California Regional Water Quality Control Board
 Requested Due Date (mm/dd/yy): 24 hours for Effluent & STD for others

RUSH

On-site Time: <u>0900</u>	Temp:
Off-site Time: <u>0945</u>	Temp:
Sky Conditions:	
Meteorological Events:	
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, CA</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.: <u>E608-03</u>
Tele/Fax: <u>408-782-8156/408-782-6308</u>	Enfos Project No.: <u>G0C24-0017</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>03-O&M</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>shaves@stratusinc.net</u>
Tele/Fax: <u>925-275-3506/925-275-3815</u>	Cost Element: <u>Subcontractor Cost</u>	Invoice to: <u>Atlantic Richfield Co.</u>

Lab Bottle Order No.	Item No.	Sample Description	Time	Date	Matrix			M&K01GZ Laboratory No.	No. of Containers	Preservative					Requested Analysis					Turnaround Time		Sample Point Lat/Long and Comments			
					Soil/Solid	Water/Liquid	Air			Unpreserved (1500ml) P	H ₂ SO ₄ - 5 vols	HNO ₃	HCl - 5 vols	Methanol	GRO	BTEX	5-Oxygenates	TSS	COD	24-hours	Standard				
	1	00608WINF	0922	11/00		x		01	5						x	x	x								5-oxygenates requested are MTBE, DIPB, ETBE, TAME, and TBA. The 24-hour TAT rush on 00608EFF is only for GRO, BTEX, and 5-Oxys.TSS and COD are to be analyzed on a STD. TAT.
	2	00608WGAC1	0919	11/00		x		02	5						x	x	x								
	3	00608WGAC2	0920	11/00		x		03	5						x	x	x								
	4	00608WEFF	0924	11/00		x		04	9		x				x	x	x	x	x		x				
	6	TSS60811007	0920	11/00		x		05	2															Hold	
	5																								
	7																								
	8																								
	9																								
	10																								

Sampler's Name: <u>Chris Hill</u>	Relinquished By / Affiliation: <u>Chris Hill Stratus</u>	Date: <u>11/6/07</u>	Time: <u>1145</u>	Accepted By / Affiliation: <u>JUVEN. TAM4</u>	Date: <u>11/6/07</u>	Time: <u>1145</u>
Sampler's Company: <u>Stratus Environmental, Inc.</u>						
Shipment Date: <u>11-6-07</u>						
Shipment Method: <u>Trucks</u>						
Shipment Tracking No:						

Special Instructions: Please cc results to Bpedf@Broadbentinc.Com

Custody Seals In Place: Yes/No Yes | Temp Blank: Yes/No Yes | Cooler Temp on Receipt: 1.8 °F/C | Trip Blank: Yes/No Yes | MS/MSD Sample Submitted: Yes/No Yes

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ARCO (GOB)
REC. BY (PRINT): JULIE N.
WORKORDER: MQR016Z

DATE REC'D AT LAB: 11/6/07
TIME REC'D AT LAB: 1145
DATE LOGGED IN: 11/6/07

For Regulatory Purposes?
 DRINKING WATER
 WASTE WATER
 OTHER

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent Intact / Broken*								<div style="transform: rotate(-45deg); font-size: 2em; font-weight: bold;"> JULIE N. SEE COC </div>
2. Chain-of-Custody Present / Absent*								
3. Traffic Reports or Packing List: Present / Absent								
4. Airbill: Airbill / Sticker Present / Absent								
5. Airbill #:								
6. Sample Labels: Present / Absent								
7. Sample IDs: Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*								
10. Sample received within hold time? Yes / No*								
11. Adequate sample volume received? Yes / No*								
12. Proper preservatives used? Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*								
14. Read Temp: <u>8.8°C</u> Correction Factor: <u>-1.0°C</u> Corrected Temp: <u>7.8°C</u> Is corrected temp. 0-6°C? <u>Yes / No**</u>								
**Exception (if any): Metals / Perchlorate DFF on Ice or Problem COC								

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



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

December 21, 2007
Project No. E608-03

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

Subject: Monthly Discharge Report –December 2007
Discharge Permit No. SPD-037B
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 (ARCO a BP Affiliated Company), for the groundwater extraction and treatment system (GWETS) 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 20, 2007 through December 5, 2007. The GWETS was shutdown on December 5, 2007, due to low influent petroleum hydrocarbon concentrations. The GWETS operational parameters for this period are summarized below:

<i>Treatment System Status:</i>	System shutdown on December 5, 2007
<i>Reporting Period:</i>	November 20, 2007 to December 5, 2007
<i>Volume Discharged This Period:</i>	15,800 gallons
<i>Average Flow Rate This Period:</i>	0.73 gallons per minute (gpm) (between November 20 and December 5, 2007)
<i>Effluent pH Reading:</i>	7.54 on 12/05/07
<i>Analytical Report:</i>	See Appendix B

Discussion:

During December 2007, Stratus conducted one site visit (Appendix A) to verify system operation, conduct maintenance as warranted, to collect influent, mid-fluent (GAC1 and GAC2), and effluent water samples (Figure 3), and to shutdown the remediation system. In accordance with OLS permit requirements, Stratus collected influent, mid-fluent (GAC1 and GAC2), and effluent water samples on December 5, 2007, and forwarded them to TestAmerica Analytical Testing Corporation, a state-certified laboratory (ELAP #1210), for chemical analysis. The water samples were analyzed for gasoline range organics (GRO) by DHS LUFT Method, for 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. The effluent water sample was also analyzed for total suspended solids (TSS) by USEPA Method 160.2 and for COD by EPA Method 1664A. Copies of analytical reports with chain-of-custody documentation are included in Appendix B.

Petroleum hydrocarbons, TSS, or COD were not reported in the effluent water sample collected on December 5, 2007. Petroleum hydrocarbons (except for MTBE) were below laboratory reporting limits in the influent, GAC1, and GAC2 water samples collected on December 5, 2007. MTBE was reported only in the influent water sample collected on December 5, 2007, at a concentration of 4.7 micrograms per liter ($\mu\text{g/L}$).

Between November 20, 2007 and December 5, 2007, approximately 15,800 gallons of groundwater were extracted, treated, and discharged to the sanitary sewer. Based on the totalizer and hour meter readings for the period of November 20, 2007 to December 5, 2007, the average groundwater extraction and treatment rate was estimated to be approximately 0.73 gpm.

As we discussed on December 6, 2007, the GWETS was shutdown on December 5, 2007 in accordance with Alameda County Health Care Services letter dated November 28, 2007. Since the GWETS will not be operated in the future, monthly compliance reports will not be submitted from hereafter. Stratus will notify Oro Loma Sanitation District when the GWETS will be dismantled and the remediation compound will be demolished.

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.”

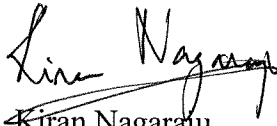
Mr. Jeff Carson, OLSD
Monthly Discharge Report –December 2007
ARCO Service Station No. 608, San Lorenzo

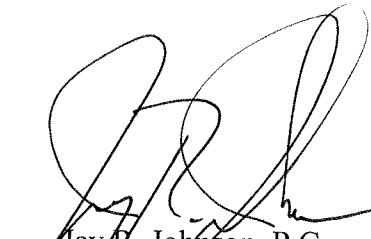
December 21, 2007
Project No. E608-03

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
Table 2 Treatment System Analytical Data
Figure 1 Site Location Map
Figure 2 Site Plan
Figure 3 Process Flow Diagram
Appendix A Field Data Sheets
Appendix B Certified Analytical Reports and Chain-of-Custody Documentation

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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	---	---	---

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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)
10/18/94		22,408	0.5	211,880	90,970	1.8	ND	0.00	3.93	ND	0.000	0.26	---	---	---
11/15/94		23,080	0.0	280,840	68,960	1.7	ND	0.00	3.93	0.7	0.000	0.26	---	---	---
12/05/94		23,489	14.8	325,830	44,990	1.8	470	0.09	4.02	32.0	0.006	0.27	---	---	---
01/04/95		24,205	0.6	408,740	82,910	1.9	ND	0.16	4.18	1.1	0.011	0.28	---	---	---
02/06/95		24,926	9.0	499,690	90,950	2.1	100	0.04	4.22	2.4	0.001	0.28	---	---	---
03/02/95		25,465	6.4	569,180	69,490	2.1	ND	0.03	4.25	ND	0.001	0.28	---	---	---
04/04/95		26,253	0.5	672,510	103,330	2.2	290	0.12	4.37	6.6	0.003	0.28	---	---	---
05/02/95		26,924	0.1	760,350	87,840	2.2	240	0.19	4.57	7.1	0.005	0.29	---	---	---
06/05/95		27,721	2.4	848,810	88,460	1.9	ND	0.09	4.65	ND	0.003	0.29	---	---	---
07/06/95		28,464	0.1	921,260	72,450	1.6	270	0.08	4.74	2.4	0.001	0.29	---	---	---
08/21/95	d	29,568	0.0	993,320	72,060	1.1	230	0.15	4.89	1.8	0.001	0.29	---	---	---
06/05/00	e	29,592	---	976,600	---	---	700	---	4.89	7.2	---	0.29	361.0	---	0.000
06/05/00		29,593	0.0	979,800	3,200	2.1	700	0.02	4.91	7.2	0.000	0.29	361.0	0.01	0.010
07/08/00		30,352	4.2	1,131,560	151,760	3.3	133	0.53	5.43	5.1	0.008	0.30	272.0	0.40	0.410
08/07/00		30,955	16.3	1,228,240	96,680	2.7	144	0.11	5.54	2.8	0.003	0.30	126.0	0.16	0.570
09/08/00		31,528	25.4	1,306,300	78,060	2.3	261	0.13	5.68	2.7	0.002	0.30	120.0	0.08	0.651
10/10/00		32,230	8.6	1,393,820	87,520	2.1	114	0.14	5.81	ND	0.001	0.31	ND	0.04	0.694
11/07/00		32,880	3.3	1,472,930	79,110	2.0	128	0.08	5.89	ND	0.000	0.31	98.6	0.03	0.727
12/05/00		33,516	5.4	1,548,840	75,910	2.0	167	0.09	5.99	0.8	0.000	0.31	104.0	0.06	0.791
01/04/01		33,924	43.3	1,595,340	46,500	1.9	ND	0.03	6.02	ND	0.000	0.31	86.8	0.04	0.828
02/06/01		34,556	20.2	1,672,330	76,990	2.0	203	0.07	6.08	0.6	0.000	0.31	80.5	0.05	0.882
03/08/01		34,776	69.5	1,698,860	26,530	2.0	219	0.05	6.13	ND	0.000	0.31	81.0	0.02	0.899
03/24/01	†	35,088	18.7	1,741,170	42,310	2.3	---	0.07	6.20	---	0.000	0.31	---	0.03	0.928
04/18/01		35,335	59.0	1,770,860	29,690	2.0	75	0.04	6.24	ND	0.000	0.31	97.5	0.02	0.950
05/04/01		35,716	0.0	1,812,690	41,830	1.8	63	0.02	6.26	ND	0.000	0.31	93.2	0.03	0.983
06/09/01		36,345	27.1	1,879,710	67,020	1.8	64	0.04	6.30	ND	0.000	0.31	71.0	0.05	1.029
07/05/01	f	36,469	80.1	1,897,180	17,470	2.3	100	0.01	6.31	ND	0.000	0.31	430.0	0.04	1.066
08/14/01	f	36,822	63.3	1,928,510	31,330	1.5	290	0.05	6.36	2.2	0.000	0.31	870.0	0.17	1.235
09/05/01		37,219	24.8	1,977,050	48,540	2.0	<100	0.06	6.42	<1.0	0.000	0.31	340.0	0.24	1.480
10/05/01		37,932	0.0	2,040,950	63,900	1.5	ND	0.00	6.42	ND	0.000	0.31	150.0	0.13	1.611
11/13/01		38,820	0.0	2,119,670	78,720	1.5	ND	0.00	6.42	ND	0.000	0.31	92.0	0.08	1.690
12/11/01		39,496	0.0	2,186,530	66,860	1.6	65	0.02	6.44	ND	0.000	0.31	83.0	0.05	1.739
01/04/02		40,063	0.0	2,248,700	62,170	1.8	<50	0.02	6.46	ND	0.000	0.31	140.0	0.06	1.797
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

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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)
10/03/02	g	44,956	---	2,520,582	293	0.2	---	0.00	6.88	---	0.000	0.31	---	0.00	2.325
10/07/02	g	44,956	---	2,522,394	1,812	---	160	0.00	6.89	<1.0	0.000	0.31	130.0	0.00	2.329
11/07/02	h	0	---	2,527,925	5,531	---	250	0.01	6.89	<1.0	0.000	0.31	210.0	0.01	2.337
12/05/02		479	28.7	2,528,113	188	0.0	220	0.00	6.89	<1.0	0.000	0.31	110.0	0.00	2.337
01/03/03		1,174	0.1	2,591,359	63,246	1.5	170	0.10	7.00	<1.0	0.000	0.31	140.0	0.07	2.403
02/13/03		2,156	0.2	2,692,710	101,351	1.7	<250	0.07	7.07	<2.5	0.000	0.31	66.0	0.09	2.490
03/27/03		3,165	0.0	2,790,668	97,958	1.6	110	0.04	7.11	<0.50	0.000	0.31	71.0	0.06	2.546
04/24/03		4,172	0.0	2,865,050	74,382	1.2	120	0.07	7.19	<0.50	0.000	0.31	56.0	0.04	2.585
05/30/03		4,459	66.7	2,931,190	66,140	3.8	20	0.04	7.22	<5.0	0.000	0.31	<50	0.00	2.585
06/19/03		4,940	0.0	2,971,985	40,795	1.4	160	0.03	7.25	<5.0	0.000	0.31	46.0	0.01	2.593
07/24/03		5,331	86.3	2,972,362	181,694	1.4	51	0.12	7.38	<0.50	0.000	0.31	41.0	0.08	2.678
08/28/03		6,165	0.8	3,040,900	68,538	1.4	<50	0.01	7.39	<0.50	0.000	0.31	30.0	0.02	2.698
09/25/03		6,838	0.0	3,095,020	54,120	1.3	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.01	2.711
10/23/03		7,512	0.0	3,149,200	177,215	1.1	<50	0.00	7.39	<0.50	0.000	0.31	28.0	0.04	2.753
11/20/03		8,182	0.3	3,204,612	55,412	1.4	<50	0.00	7.39	<0.50	0.000	0.31	22.0	0.01	2.764
12/18/03		8,851	1.1	3,264,487	30,531	1.5	52	0.01	7.40	<0.50	0.000	0.31	27.0	0.00	2.770
01/08/04		9,356	1.0	3,312,485	47,998	1.6	--	0.00	7.40	--	0.000	0.31	--	0.00	2.770
01/22/04		9,690	0.7	3,344,994	32,509	1.6	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.00	2.774
02/19/04		10,357	1.6	3,410,457	32,947	1.7	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.00	2.781
03/18/04		11,030	0.0	3,480,800	70,343	1.7	<50	0.00	7.40	<0.50	0.000	0.31	27.0	0.02	2.796
04/07/04		11,509	0.2	3,524,179	43,379	1.5	<50	0.00	7.40	<0.50	0.000	0.31	25.0	0.01	2.806
04/22/04		11,869	0.0	3,552,144	27,965	1.3	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.811
05/19/04		12,522	0.0	3,607,015	54,871	1.4	<50	0.00	7.40	<0.50	0.000	0.31	19.0	0.01	2.819
06/16/04		13,198	0.0	3,664,594	57,579	1.4	63	0.02	7.41	<0.50	0.000	0.31	20.0	0.01	2.829
07/22/04		14,050	1.4	3,736,245	71,651	1.4	<50	0.02	7.43	<0.50	0.000	0.31	15.0	0.01	2.839
08/26/04		14,890	0.0	3,803,030	66,785	1.3	<50	0.00	7.43	<0.50	0.000	0.31	23.0	0.01	2.850
09/16/04		15,394	0.0	3,832,211	29,181	1.0	<50	0.00	7.43	<0.50	0.000	0.31	18.0	0.00	2.855
10/21/04		16,235	0.0	3,891,299	59,088	1.2	<50	0.00	7.43	<0.50	0.000	0.31	17.0	0.01	2.863
11/18/04		16,908	0.0	3,942,990	51,691	1.3	<50	0.00	7.43	<0.50	0.000	0.31	14.0	0.01	2.870
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

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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)
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
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	---	---	---	---	---	---	---	---	---
01/02/07	k	34,380.0	99.9	4,732,190	4	0.11	<50	0.00	7.54	<0.50	0.000	0.31	1.4	0.000	2.968
01/12/07	l	34,380.0	100.0	4,732,200	10	---	---	---	---	---	---	---	---	---	---
01/24/07	m	34,669.6	0.0	4,732,220	20	0.00	---	---	---	---	---	---	---	---	---
01/29/07		NM	---	4,737,810	5,590	---	---	---	---	---	---	---	---	---	---
02/05/07		34,960	0.0	4,742,700	4,890	0.60	70	0.01	7.55	<0.50	0.000	0.31	7.1	0.000	2.968
02/20/07		35,316	1.0	4,751,030	8,330	0.39	---	---	---	---	---	---	---	---	---
03/05/07		35,631	0.7	4,756,760	5,730	0.30	87	0.01	7.56	<0.50	0.000	0.31	5.8	0.001	2.969
03/12/07	n	35,795	2.0	4,759,580	2,820	0.29	---	---	---	---	---	---	---	---	---
03/19/07		35,968	3.0	4,762,270	2,690	0.26	---	---	---	---	---	---	---	---	---
03/28/07	o	36,178	2.8	4,762,980	710	0.06	---	---	---	---	---	---	---	---	---
03/30/07	p	36,178	100.0	4,762,980	0	---	---	---	---	---	---	---	---	---	---

**Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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)
04/02/07	q	NM	---	4,762,980	0	---	---	---	---	---	---	---	---	---	---
04/10/07	r	36,178	0.0	4,762,985	5	---	---	---	---	---	---	---	---	---	---
04/16/07	s	36,323.8	1.3	6,538.48	6,538.48	0.75	<50	0.00	7.56	<0.50	0.000	0.31	6.5	0.001	2.970
05/01/07		36,683.4	0.1	22,352.50	15,814.02	0.73	<50	<0.007	7.56	<0.50	<0.0001	0.31	6.9	0.001	2.971
05/15/07		37,018.0	0.4	37,628.90	15,276.40	0.76	---	---	---	---	---	---	---	---	---
05/29/07		37,355.0	0.3	51,253.00	13,624.10	0.67	---	---	---	---	---	---	---	---	---
06/04/07		37,499.6	0.4	56,605.80	5,352.80	0.62	<50	0.00	7.56	<0.50	0.000	0.31	7.1	0.002	2.973
06/26/07		38,027.3	0.1	77,395.90	20,790.10	0.66	---	---	---	---	---	---	---	---	---
07/02/07		38,172.0	0.0	83,568.70	6,172.80	0.71	<50	0.00	7.56	<0.50	0.000	0.31	5.9	0.001	2.974
07/17/07		38,530.0	0.6	99,501.60	15,932.90	0.74	---	---	---	---	---	---	---	---	---
07/26/07		38,749.3	0.0	109,186.00	9,684.40	0.74	---	---	---	---	---	---	---	---	---
08/01/07		38,889.8	2.4	114,716.00	5,530.00	0.66	<50	0.00	---	<0.50	0.000	---	8.0	0.002	2.976
08/07/07		39,032.6	0.8	120,435.00	5,719.00	0.67	---	---	---	---	---	---	---	---	---
08/20/07		39,344.2	0.1	133,470.00	13,035.00	0.70	---	---	---	---	---	---	---	---	---
09/05/07	t	39,729.2	0.0	143,614.00	10,144.00	0.44	<50	0.00	7.56	<0.50	0.000	0.31	6.2	0.002	2.978
09/25/07	u	39,729.2	100.0	20.00	0.00	---	---	---	---	---	---	---	---	---	---
10/01/07		39,873.4	0.1	6,280.00	6,260.00	0.72	<50	<0.003	7.56	<0.50	<0.00003	0.31	3.5	0.0003	2.978
10/17/07		40,254.0	0.9	22,920.00	16,640.00	0.73	---	---	---	---	---	---	---	---	---
10/30/07		40,567.0	0.3	28,080.00	5,160.00	0.27	---	---	---	---	---	---	---	---	---
11/06/07		40,739.0	0.0	35,610.00	7,530.00	0.73	<50	<0.012	7.56	<0.50	<0.00012	0.31	4.7	0.001	2.979
11/20/07		41,072.0	0.9	50,290.00	14,680.00	0.73	---	---	---	---	---	---	---	---	---
12/05/07	v	41,432.0	0.0	66,090.00	15,800.00	0.73	<50	<0.013	7.56	<0.50	<0.00013	0.31	4.7	0.001	2.980

REPORTING PERIOD:	11/20/07 to 12/05/07		
CUMULATIVE GALLONS EXTRACTED:	8,968,819		
PERIOD GALLONS EXTRACTED:	15,800		
TOTAL POUNDS REMOVED:		7.56	
TOTAL GALLONS REMOVED:		1.24	2.980
AVERAGE PERIOD (11/20/07 to 12/05/07) FLOW RATE (gpm):	0.73		0.48
PERIOD (11/20/07 to 12/05/07) PERCENT OPERATIONAL:	100.0%		
PERIOD POUNDS REMOVED:		NA	0.001
PERIOD GALLONS REMOVED:		NA	0.0002

Table 1
Groundwater Extraction Performance Data
ARCO Service Station No. 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.
- k. The GWE system was shutdown after collecting samples on January 2, 2007, pending receipt and verification of analytical results
- l. GWE system re-started after receipt and verification of effluent results for samples collected on January 2, 2007.
- m. GWE system found to be non-operating and was likely shutdown due to clogging of particulate filter. Replaced filter bags and re-started.
- n. Filter bags replaced.
- o. GWE system shutdown for carbon changeout.
- p. GWE system re-started after carbon changeout.
- q. The flow totalizer was observed to be non-functioning upon arrival at site. The system was shutdown pending replacement of totalizer.
- r. GWE system re-started after replacing totalizer. Starting reading of new totalizer = 0.00.
- s. Volume estimated from the initial and final readings of new totalizer
- t. The flow totalizer was observed non-functioning upon arrival at site. The system was shutdown pending replacement of totalizer.
- u. GWE system re-started after replacing totalizer. Starting reading of new totalizer = 20.00.
- v. GWE system shutdown due to low influent concentrations.

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 concentrations)

Notes:

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

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

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	370	14	0.34	14	2.4	---	---	---	---	---
03/17/92	160	18	0.32	0.56	1.6	---	---	---	---	---
04/15/92	200	11	<0.30	7.3	0.77	---	---	---	---	---
05/14/92	45	1.4	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	97	25	<0.50	8.5	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	96	7.7	13	0.56	9.7	---	---	---	---	---
01/18/93	100	13	6.6	1.1	11	---	---	---	---	---
02/22/93	480	36	29	4.9	96	---	---	---	---	---
03/15/93	310	29	14	4.9	55	---	---	---	---	---
04/09/93	140	11	2.8	2.6	17	---	---	---	---	---
05/13/93	530	27	12	18	96	---	---	---	---	---
06/04/93	170	5.2	1.6	2.5	23	---	---	---	---	---
07/20/93	200	12	0.91	8.2	29	---	---	---	---	---
08/16/93	150	4.9	0.63	2.9	15	---	---	---	---	---
09/13/93	80	2.2	<0.50	<0.50	4.8	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	73	3.5	<0.50	1.9	8.4	---	---	---	---	---
01/18/94	60	3.1	<0.50	3.2	4.3	---	---	---	---	---
02/17/94	<50	2.5	<0.50	2.1	3.1	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	110	7.8	<1.0	9.6	<1.0	---	---	---	---	---
05/13/94	230	8.3	<0.50	14	6	---	---	---	---	---
06/14/94	230	12	<0.50	16	1.5	---	---	---	---	---
07/14/94	270	6.9	<0.50	15	1.9	---	---	---	---	---
08/18/94	<50	1.8	<0.50	1.5	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	0.66	<0.50	2.6	<0.50	---	---	---	---	---
12/05/94	470	32	0.59	29	6.2	---	---	---	---	---
01/04/95	<50	1.1	<0.50	1.4	<0.50	---	---	---	---	---
02/06/95	100	2.4	1.1	1.2	2.8	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---

<p style="text-align: center;">Table 2 Treatment System Analytical Data ARCO Service Station No. 608 17601 Hesperian Boulevard at Hacienda Avenue San Lorenzo, California</p>										
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)										
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	---	---	---	---
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	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
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	---	---	---	---
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	---	---	---	---
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	1.4	NS	<10	NM	NM
02/05/07	70	<0.50	<0.50	<0.50	<0.50	7.1	NS	NS	NM	NM
03/05/07	87	<0.50	<0.50	<0.50	<0.50	5.8	NS	NS	NM	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	6.5	NS	NS	NM	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	6.9	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	7.1	NS	NS	NM	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	5.9	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	8.0	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	6.2	NS	NS	NM	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	3.5	NS	NS	NM	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM
12/05/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
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	---	---	---	---	---
01/16/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	---	---	---	---	---	---	---	---	---	---
08/18/92	---	---	---	---	---	---	---	---	---	---
09/15/92	---	---	---	---	---	---	---	---	---	---
10/16/92	---	---	---	---	---	---	---	---	---	---
11/18/92	---	---	---	---	---	---	---	---	---	---
12/17/92	---	---	---	---	---	---	---	---	---	---
01/18/93	---	---	---	---	---	---	---	---	---	---
02/22/93	---	---	---	---	---	---	---	---	---	---
03/15/93	---	---	---	---	---	---	---	---	---	---
04/09/93	---	---	---	---	---	---	---	---	---	---
05/13/93	---	---	---	---	---	---	---	---	---	---
06/04/93	---	---	---	---	---	---	---	---	---	---
07/14/94	ND	ND	ND	ND	ND	---	---	---	---	---
08/17/94	---	---	---	---	---	---	---	---	---	---
09/12/94	---	---	---	---	---	---	---	---	---	---
10/18/94	---	---	---	---	---	---	---	---	---	---
11/05/94	---	---	---	---	---	---	---	---	---	---
12/05/94	---	---	---	---	---	---	---	---	---	---
01/04/95	---	---	---	---	---	---	---	---	---	---
02/06/95	---	---	---	---	---	---	---	---	---	---
03/02/95	---	---	---	---	---	---	---	---	---	---
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
07/05/01	<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	---	---	---	---
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	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
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	---	---	---	---
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	4.3	NS	NS	NM	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	6.0	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	6.7	NS	NS	NM	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
12/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM

<p style="text-align: center;">Table 2 Treatment System Analytical Data ARCO Service Station No. 608 17601 Hesperian Boulevard at Hacienda Avenue San Lorenzo, California</p>										
Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-2 (between secondary and tertiary carbons)										
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	---	---	---	---	---	---	---	---	---	---
09/08/00	---	---	---	---	---	---	---	---	---	---
10/10/00	---	---	---	---	---	---	---	---	---	---
11/07/00	---	---	---	---	---	---	---	---	---	---
12/05/00	---	---	---	---	---	---	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1	---	---	---	---
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.94	---	---	---	---
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.95	---	---	---	---
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1.1	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5)	---	---	---	---
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	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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										
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	---	---	---	---
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	---	---	---	---
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	2.1	NS	NS	NM	NM
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	4.5	NS	NS	NM	NM
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	4.2	NS	NS	NM	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	6.3	NS	NS	NM	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	4.7	NS	NS	NM	NM
07/02/07	<50	0.55	<0.50	<0.50	<0.50	3.8	NS	NS	NM	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM
12/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NS	NS	NM	NM

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
11/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/22/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/09/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/04/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/20/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/16/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/13/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
01/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
02/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
05/13/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
06/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/14/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
08/17/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/05/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
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	---	---	---	---	---

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
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	6.07	---
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)	<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

Table 2
Treatment System Analytical Data
 ARCO Service Station No. 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)										
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.12	0.85
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	10	6.57	3.82
03/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.08	0.97
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	27	<10	6.69	1.64
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	20	13	6.50	1.40
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.79	0.75
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.81	1.09
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	19	7.20	1.20
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	7.20	1.20
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.89	2.60
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	14	6.95	0.34
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.92	2.00
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.78	1.26
02/16/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.61	2.01
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.48	0.75
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.66	0.67
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.56	1.75
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.78	1.24
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.82	1.03
08/25/05	<50	<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	--
01/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.86	NM
02/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.79	NM
03/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.31	NM
04/16/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.8	NM
05/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.7	NM
06/04/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.5	NM
07/02/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<10	8.26	NM
08/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<10	8.14	NM
08/20/07	NA	NA	NA	NA	NA	NA	<30	NA	NA	NM
09/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.52	NM
10/01/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.49	NM
11/06/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.55	NM
12/05/07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.54	NM

Table 2
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
NA	=Not analyzed
NS	=Not sampled
NM	=Not measured

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.

GRO analyzed by DHS/LUFT Method, and BTEX & MTBE analyzed by EPA Method 8260B beginning January 2, 2007.

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.

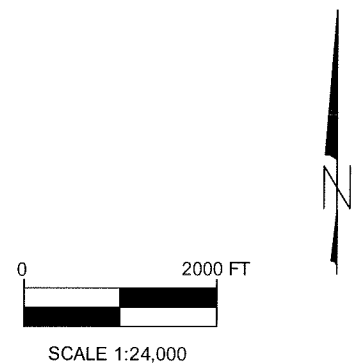
Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g has been changed to GRO. The resulting data may be impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in higher concentrations being reported.



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

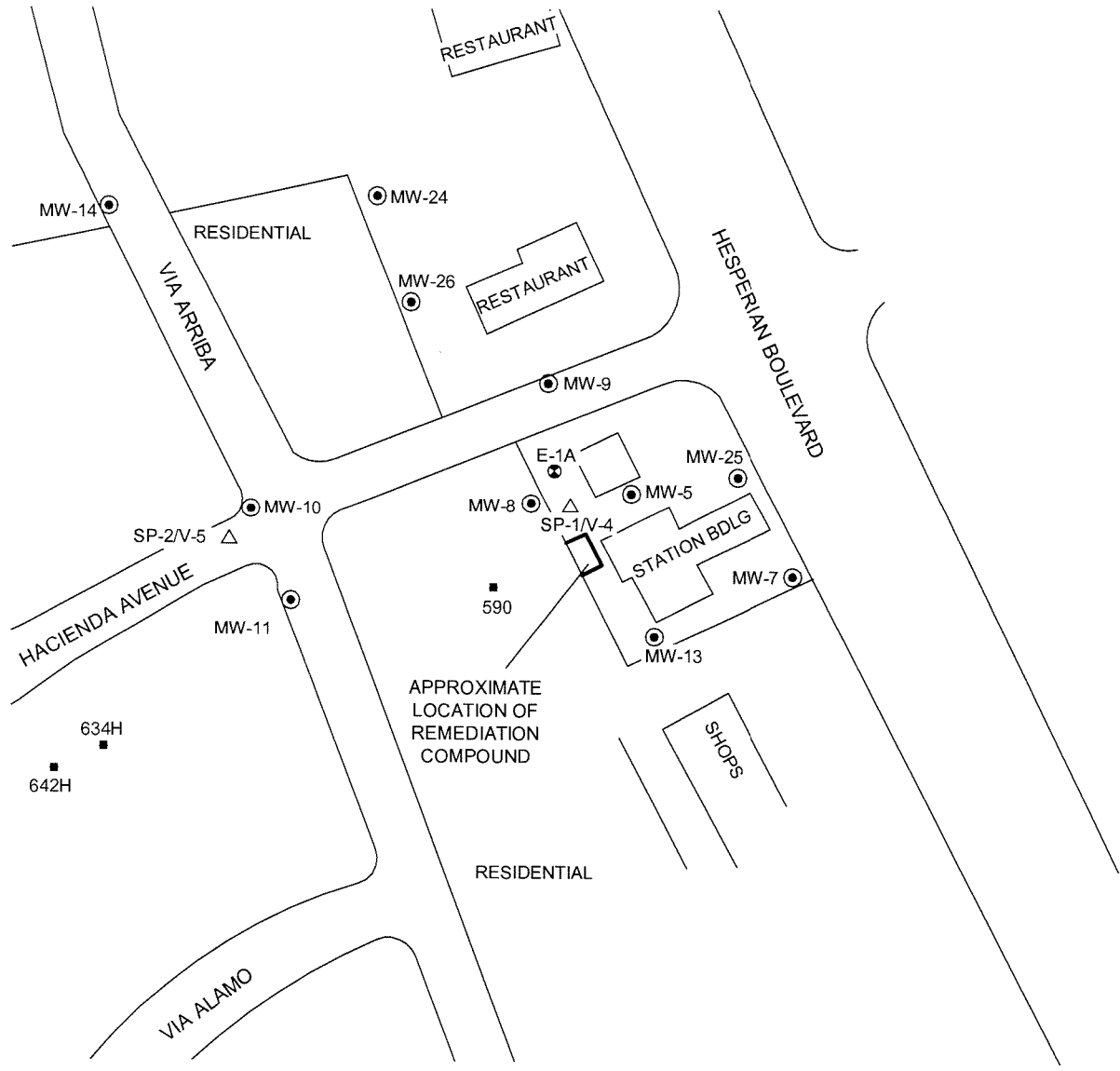


QUADRANGLE LOCATION



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

FIGURE
 1
 PROJECT NO.
 U608

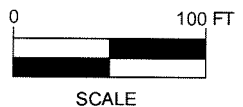


LEGEND

- GROUND-WATER MONITORING WELL
- △ DUAL COMPLETION AIR SPARGING/
SOIL VAPOR EXTRACTION WELL
- ⊗ GROUND-WATER EXTRACTION WELL
- DOMESTIC IRRIGATION WELL

NOTE: SOURCE MAP RECIEVED FROM BROADBENT ASSOCIATES INC. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.

STRATUS
ENVIRONMENTAL, INC.



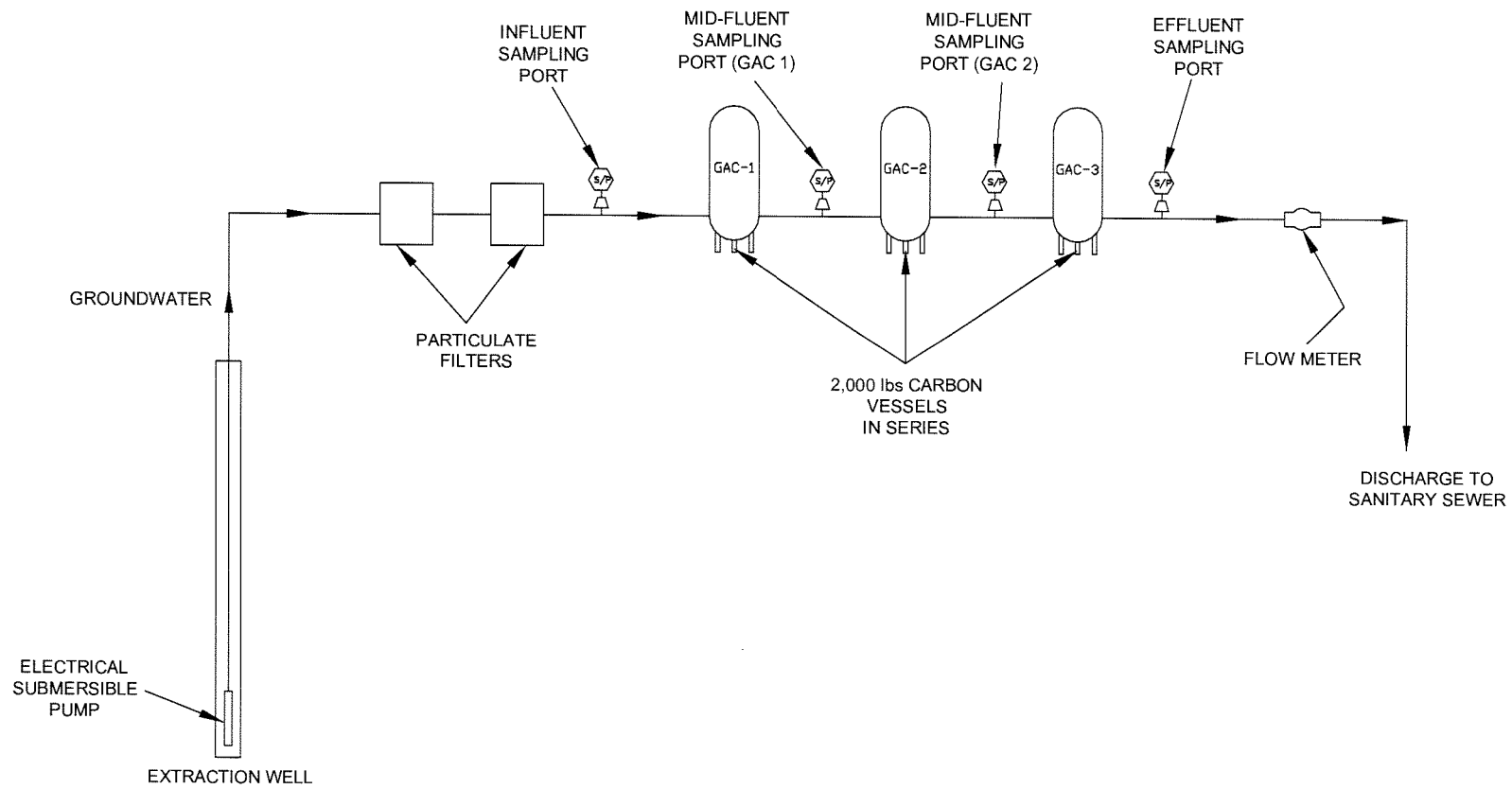
ARCO SERVICE STATION NO. 608
17601 HESPERIAN BOULEVARD
SAN LORENZO, CALIFORNIA

SITE PLAN

FIGURE

2

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)

 ORIGINAL

Date: 12507 Technician: CHILL
 Onsite Time: 0639 Weather Conditions: Clear
 Offsite Time: 0715 Ambient Temperature: 50
 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

Turn off system 5/5/22

Electric Meter Reading: 51754
 Hour Meter Reading: 41432

Flow Totalizer Reading Before Carbon Treatment:

Flow Totalizer Reading After Carbon Treatment: 66090

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	3	3	3	2

Sample Port	Field Measurements (Monthly)		
	Temperature °C	pH units	Electrical Conductivity msiemens
Effluent	25.0	7.54	950

Sampling Information (Monthly)			
Sample ID	Date & Time	Sample ID	Date & Time
00608WINF	12507 0633		
00608WGAC1)		
00608WGAC2			
00608WEFF		0	

Signature: 

Date: 12507

APPENDIX B

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

13 December, 2007

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MQL0105

Enclosed are the results of analyses for samples received by the laboratory on 12/05/07 10:35. 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: G0C24-0017 Project Manager: Jay Johnson	MQL0105 Reported: 12/13/07 17:29
---	--	--

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
00608WINF	MQL0105-01	Water	12/05/07 06:53	12/05/07 10:35
00608WGAC1	MQL0105-02	Water	12/05/07 06:51	12/05/07 10:35
00608WGAC2	MQL0105-03	Water	12/05/07 06:49	12/05/07 10:35
00608WEFF	MQL0105-04	Water	12/05/07 06:47	12/05/07 10:35

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.

These samples were received with no trip blank.

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

Total Purgeable Hydrocarbons by GC/MS (CA LUFT)

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
00608WINF (MQL0105-01) Water Sampled: 12/05/07 06:53 Received: 12/05/07 10:35									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L10007	12/10/07	12/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		102 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		94 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		91 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92 %	55-130		"	"	"	"	
00608WGAC1 (MQL0105-02) Water Sampled: 12/05/07 06:51 Received: 12/05/07 10:35									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L10007	12/10/07	12/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		101 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		95 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		92 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92 %	55-130		"	"	"	"	
00608WGAC2 (MQL0105-03) Water Sampled: 12/05/07 06:49 Received: 12/05/07 10:35									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L10007	12/10/07	12/10/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		102 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		94 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		92 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86 %	55-130		"	"	"	"	
00608WEFF (MQL0105-04) Water Sampled: 12/05/07 06:47 Received: 12/05/07 10:35									
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	7L05007	12/05/07	12/06/07	LUFT GCMS	
Surrogate: 1,2-Dichloroethane-d4		106 %	60-150		"	"	"	"	
Surrogate: Dibromofluoromethane		104 %	75-130		"	"	"	"	
Surrogate: Toluene-d8		100 %	75-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	55-130		"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MLQ0105
Reported:
12/13/07 17:29

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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00608WINF (MLQ0105-01) Water Sampled: 12/05/07 06:53 Received: 12/05/07 10:35

tert-Amyl methyl ether	ND	0.50	ug/l	1	7L10007	12/10/07	12/10/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	4.7	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>		102 %		60-150	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		91 %		75-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92 %		55-130	"	"	"	"	

00608WGAC1 (MLQ0105-02) Water Sampled: 12/05/07 06:51 Received: 12/05/07 10:35

tert-Amyl methyl ether	ND	0.50	ug/l	1	7L10007	12/10/07	12/10/07	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
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>		95 %		75-130	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %		60-150	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92 %		75-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92 %		55-130	"	"	"	"	

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

Volatile Organic Compounds by EPA Method 8260B
TestAmerica Morgan Hill

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								

00608WGAC2 (MQL0105-03) Water Sampled: 12/05/07 06:49 Received: 12/05/07 10:35

tert-Amyl methyl ether	ND	0.50	ug/l	1	7L10007	12/10/07	12/10/07	EPA 8260B		
Benzene	ND	0.50	"	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	"	
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>		94 %		75-130	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %		60-150	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		92 %		75-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86 %		55-130	"	"	"	"	"	

00608WEFF (MQL0105-04) Water Sampled: 12/05/07 06:47 Received: 12/05/07 10:35

tert-Amyl methyl ether	ND	0.50	ug/l	1	7L05007	12/05/07	12/06/07	EPA 8260B		
Benzene	ND	0.50	"	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	"	
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>		104 %		75-130	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %		60-150	"	"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %		75-120	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %		55-130	"	"	"	"	"	

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Project Manager: Jay Johnson

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Reported:
12/13/07 17:29

Conventional Chemistry Parameters by APHA/EPA Methods

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
00608WEFF (MQL0105-04) Water Sampled: 12/05/07 06:47 Received: 12/05/07 10:35									
Chemical Oxygen Demand	ND	30000	ug/l	1	7L06032	12/05/07	12/05/07	EPA 410.4	
Total Suspended Solids	ND	10000	"	"	7L07020	12/05/07	12/07/07	SM 2540D	

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Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L05007 - EPA 5030B P/T / LUFT GCMS

Blank (7L05007-BLK1)

Prepared: 12/05/07 Analyzed: 12/06/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.50		"	2.50		100	60-150			
Surrogate: Dibromofluoromethane	2.50		"	2.50		100	75-130			
Surrogate: Toluene-d8	2.50		"	2.50		100	75-120			
Surrogate: 4-Bromofluorobenzene	2.50		"	2.50		100	55-130			

Laboratory Control Sample (7L05007-BS2)

Prepared: 12/05/07 Analyzed: 12/06/07

Gasoline Range Organics (C4-C12)	394	50	ug/l	500		79	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.57		"	2.50		103	60-150			
Surrogate: Dibromofluoromethane	2.50		"	2.50		100	75-130			
Surrogate: Toluene-d8	2.54		"	2.50		102	75-120			
Surrogate: 4-Bromofluorobenzene	2.50		"	2.50		100	55-130			

Laboratory Control Sample Dup (7L05007-BSD2)

Prepared: 12/05/07 Analyzed: 12/06/07

Gasoline Range Organics (C4-C12)	359	50	ug/l	500		72	55-130	9	20	
Surrogate: 1,2-Dichloroethane-d4	2.51		"	2.50		100	60-150			
Surrogate: Dibromofluoromethane	2.50		"	2.50		100	75-130			
Surrogate: Toluene-d8	2.50		"	2.50		100	75-120			
Surrogate: 4-Bromofluorobenzene	2.51		"	2.50		100	55-130			

Matrix Spike (7L05007-MS1)

Source: MQL0099-05

Prepared: 12/05/07 Analyzed: 12/06/07

Gasoline Range Organics (C4-C12)	467	50	ug/l	550	ND	85	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.63		"	2.50		105	60-150			
Surrogate: Dibromofluoromethane	2.61		"	2.50		104	75-130			
Surrogate: Toluene-d8	2.50		"	2.50		100	75-120			
Surrogate: 4-Bromofluorobenzene	2.50		"	2.50		100	55-130			

Matrix Spike Dup (7L05007-MSD1)

Source: MQL0099-05

Prepared: 12/05/07 Analyzed: 12/06/07

Gasoline Range Organics (C4-C12)	494	50	ug/l	550	ND	90	25-150	6	20	
Surrogate: 1,2-Dichloroethane-d4	2.50		"	2.50		100	60-150			
Surrogate: Dibromofluoromethane	2.53		"	2.50		101	75-130			
Surrogate: Toluene-d8	2.63		"	2.50		105	75-120			
Surrogate: 4-Bromofluorobenzene	2.62		"	2.50		105	55-130			

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Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L10007 - EPA 5030B P/T / LUFT GCMS

Blank (7L10007-BLK1)

Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	ND	50	ug/l							
Surrogate: 1,2-Dichloroethane-d4	2.38		"	2.50		95	60-150			
Surrogate: Dibromofluoromethane	2.19		"	2.50		88	75-130			
Surrogate: Toluene-d8	2.25		"	2.50		90	75-120			
Surrogate: 4-Bromofluorobenzene	2.16		"	2.50		86	55-130			

Laboratory Control Sample (7L10007-BS2)

Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	508	50	ug/l	500		102	55-130			
Surrogate: 1,2-Dichloroethane-d4	2.33		"	2.50		93	60-150			
Surrogate: Dibromofluoromethane	2.22		"	2.50		89	75-130			
Surrogate: Toluene-d8	2.35		"	2.50		94	75-120			
Surrogate: 4-Bromofluorobenzene	2.37		"	2.50		95	55-130			

Laboratory Control Sample Dup (7L10007-BSD2)

Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	517	50	ug/l	500		103	55-130	2	20	
Surrogate: 1,2-Dichloroethane-d4	2.34		"	2.50		94	60-150			
Surrogate: Dibromofluoromethane	2.21		"	2.50		88	75-130			
Surrogate: Toluene-d8	2.38		"	2.50		95	75-120			
Surrogate: 4-Bromofluorobenzene	2.38		"	2.50		95	55-130			

Matrix Spike (7L10007-MS1)

Source: MQL0104-01

Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	2160	50	ug/l	550	1510	118	25-150			
Surrogate: 1,2-Dichloroethane-d4	2.29		"	2.50		92	60-150			
Surrogate: Dibromofluoromethane	2.34		"	2.50		94	75-130			
Surrogate: Toluene-d8	2.39		"	2.50		96	75-120			
Surrogate: 4-Bromofluorobenzene	2.42		"	2.50		97	55-130			

Matrix Spike Dup (7L10007-MSD1)

Source: MQL0104-01

Prepared & Analyzed: 12/10/07

Gasoline Range Organics (C4-C12)	2080	50	ug/l	550	1510	104	25-150	3	20	
Surrogate: 1,2-Dichloroethane-d4	2.33		"	2.50		93	60-150			
Surrogate: Dibromofluoromethane	2.36		"	2.50		94	75-130			
Surrogate: Toluene-d8	2.37		"	2.50		95	75-120			
Surrogate: 4-Bromofluorobenzene	2.46		"	2.50		98	55-130			

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Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L05007 - EPA 5030B P/T / EPA 8260B

Blank (7L05007-BLK1)

Prepared: 12/05/07 Analyzed: 12/06/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.50		"	2.50		100	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.50		"	2.50		100	60-150			
<i>Surrogate: Toluene-d8</i>	2.50		"	2.50		100	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.50		"	2.50		100	55-130			

Laboratory Control Sample (7L05007-BS1)

Prepared: 12/05/07 Analyzed: 12/06/07

tert-Amyl methyl ether	10.1	0.50	ug/l	10.0		101	75-125			
Benzene	9.24	0.50	"	10.0		92	75-120			
tert-Butyl alcohol	202	20	"	200		101	80-120			
Di-isopropyl ether	9.00	0.50	"	10.0		90	70-130			
Ethyl tert-butyl ether	9.78	0.50	"	10.0		98	75-130			
Ethylbenzene	9.95	0.50	"	10.0		100	80-125			
Methyl tert-butyl ether	10.0	0.50	"	10.0		100	80-130			
Toluene	9.57	0.50	"	10.0		96	80-120			
Xylenes (total)	29.5	0.50	"	30.0		98	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.52		"	2.50		101	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.50		"	2.50		100	60-150			
<i>Surrogate: Toluene-d8</i>	2.53		"	2.50		101	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.51		"	2.50		100	55-130			

Stratus Environmental Inc. [Arco]
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Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L05007 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7L05007-MS1) Source: MQL0099-05 Prepared: 12/05/07 Analyzed: 12/06/07

tert-Amyl methyl ether	10.4	0.50	ug/l	10.0	ND	104	75-140			
Benzene	9.61	0.50	"	10.0	ND	96	80-120			
tert-Butyl alcohol	219	20	"	200	ND	110	80-125			
Di-isopropyl ether	9.64	0.50	"	10.0	ND	96	75-135			
Ethyl tert-butyl ether	10.4	0.50	"	10.0	ND	104	80-135			
Ethylbenzene	10.0	0.50	"	10.0	ND	100	75-130			
Methyl tert-butyl ether	10.3	0.50	"	10.0	ND	103	75-145			
Toluene	9.74	0.50	"	10.0	0.140	96	80-125			
Xylenes (total)	30.1	0.50	"	30.0	0.220	100	75-125			
Surrogate: Dibromofluoromethane	2.61		"	2.50		104	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.63		"	2.50		105	60-150			
Surrogate: Toluene-d8	2.50		"	2.50		100	75-120			
Surrogate: 4-Bromofluorobenzene	2.50		"	2.50		100	55-130			

Matrix Spike Dup (7L05007-MSD1) Source: MQL0099-05 Prepared: 12/05/07 Analyzed: 12/06/07

tert-Amyl methyl ether	10.4	0.50	ug/l	10.0	ND	104	75-140	1	25	
Benzene	10.0	0.50	"	10.0	ND	100	80-120	4	20	
tert-Butyl alcohol	222	20	"	200	ND	111	80-125	1	25	
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	75-135	5	25	
Ethyl tert-butyl ether	10.6	0.50	"	10.0	ND	106	80-135	2	25	
Ethylbenzene	10.6	0.50	"	10.0	ND	106	75-130	6	20	
Methyl tert-butyl ether	10.2	0.50	"	10.0	ND	102	75-145	0.5	25	
Toluene	10.3	0.50	"	10.0	0.140	102	80-125	6	25	
Xylenes (total)	31.8	0.50	"	30.0	0.220	105	75-125	5	20	
Surrogate: Dibromofluoromethane	2.53		"	2.50		101	75-130			
Surrogate: 1,2-Dichloroethane-d4	2.50		"	2.50		100	60-150			
Surrogate: Toluene-d8	2.63		"	2.50		105	75-120			
Surrogate: 4-Bromofluorobenzene	2.62		"	2.50		105	55-130			

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MQL0105
Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L10007 - EPA 5030B P/T / EPA 8260B

Blank (7L10007-BLK1)

Prepared & Analyzed: 12/10/07

tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
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>	2.38		"	2.50		95	60-150			
<i>Surrogate: Toluene-d8</i>	2.25		"	2.50		90	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.16		"	2.50		86	55-130			

Laboratory Control Sample (7L10007-BS1)

Prepared & Analyzed: 12/10/07

tert-Amyl methyl ether	9.82	0.50	ug/l	10.0		98	75-125			
Benzene	10.0	0.50	"	10.0		100	75-120			
tert-Butyl alcohol	203	20	"	200		102	80-120			
Di-isopropyl ether	9.58	0.50	"	10.0		96	70-130			
Ethyl tert-butyl ether	9.54	0.50	"	10.0		95	75-130			
Ethylbenzene	10.5	0.50	"	10.0		105	80-125			
Methyl tert-butyl ether	8.94	0.50	"	10.0		89	80-130			
Toluene	9.98	0.50	"	10.0		100	80-120			
Xylenes (total)	31.4	0.50	"	30.0		105	80-125			
<i>Surrogate: Dibromofluoromethane</i>	2.36		"	2.50		94	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.28		"	2.50		91	60-150			
<i>Surrogate: Toluene-d8</i>	2.34		"	2.50		94	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.38		"	2.50		95	55-130			

Stratus Environmental Inc. [Arco]
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Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

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Reported:
12/13/07 17:29

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L10007 - EPA 5030B P/T / EPA 8260B

Matrix Spike (7L10007-MS1)	Source: MQL0104-01			Prepared & Analyzed: 12/10/07						
tert-Amyl methyl ether	11.1	0.50	ug/l	10.0	0.160	109	75-140			
Benzene	19.6	0.50	"	10.0	9.93	96	80-120			
tert-Butyl alcohol	213	20	"	200	11.1	101	80-125			
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	75-135			
Ethyl tert-butyl ether	10.5	0.50	"	10.0	ND	105	80-135			
Ethylbenzene	52.4	0.50	"	10.0	44.7	77	75-130			BB
Methyl tert-butyl ether	102	0.50	"	10.0	91.5	103	75-145			BB
Toluene	14.1	0.50	"	10.0	4.26	98	80-125			
Xylenes (total)	125	0.50	"	30.0	96.9	94	75-125			BB
<i>Surrogate: Dibromofluoromethane</i>	2.34		"	2.50		94	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.29		"	2.50		92	60-150			
<i>Surrogate: Toluene-d8</i>	2.39		"	2.50		96	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.42		"	2.50		97	55-130			

Matrix Spike Dup (7L10007-MSD1)	Source: MQL0104-01			Prepared & Analyzed: 12/10/07						
tert-Amyl methyl ether	11.3	0.50	ug/l	10.0	0.160	111	75-140	2	25	
Benzene	19.2	0.50	"	10.0	9.93	92	80-120	2	20	
tert-Butyl alcohol	210	20	"	200	11.1	100	80-125	1	25	
Di-isopropyl ether	10.1	0.50	"	10.0	ND	101	75-135	0.1	25	
Ethyl tert-butyl ether	10.5	0.50	"	10.0	ND	105	80-135	0.6	25	
Ethylbenzene	50.5	0.50	"	10.0	44.7	58	75-130	4	20	BB
Methyl tert-butyl ether	101	0.50	"	10.0	91.5	98	75-145	0.5	25	BB
Toluene	13.8	0.50	"	10.0	4.26	96	80-125	2	25	
Xylenes (total)	121	0.50	"	30.0	96.9	81	75-125	3	20	BB
<i>Surrogate: Dibromofluoromethane</i>	2.36		"	2.50		94	75-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	2.33		"	2.50		93	60-150			
<i>Surrogate: Toluene-d8</i>	2.37		"	2.50		95	75-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	2.46		"	2.50		98	55-130			

Stratus Environmental Inc. [Arco] 3330 Cameron Park Dr., Suite 550 Cameron Park CA, 95682	Project: ARCO #0608, San Lorenzo, CA Project Number: G0C24-0017 Project Manager: Jay Johnson	MQL0105 Reported: 12/13/07 17:29
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Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 7L06032 - General Preparation / EPA 410.4

Blank (7L06032-BLK1)

Prepared & Analyzed: 12/05/07

Chemical Oxygen Demand ND 30000 ug/l

Laboratory Control Sample (7L06032-BS1)

Prepared & Analyzed: 12/05/07

Chemical Oxygen Demand 101000 30000 ug/l 100000 101 90-110

Matrix Spike (7L06032-MS1)

Source: MQL0105-04

Prepared & Analyzed: 12/05/07

Chemical Oxygen Demand 103000 30000 ug/l 100000 11000 92 75-125

Matrix Spike Dup (7L06032-MSD1)

Source: MQL0105-04

Prepared & Analyzed: 12/05/07

Chemical Oxygen Demand 105000 30000 ug/l 100000 11000 94 75-125 2 20

Batch 7L07020 - General Preparation / SM 2540D

Blank (7L07020-BLK1)

Prepared: 12/05/07 Analyzed: 12/07/07

Total Suspended Solids ND 10000 ug/l

Duplicate (7L07020-DUP1)

Source: MQL0186-01

Prepared: 12/05/07 Analyzed: 12/07/07

Total Suspended Solids 130000 10000 ug/l 124000 5 20

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

Project: ARCO #0608, San Lorenzo, CA
Project Number: G0C24-0017
Project Manager: Jay Johnson

MQL0105
Reported:
12/13/07 17:29

Notes and Definitions

BB Sample > 4x spike concentration
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

RUSH

Project Name: ARCO Facility No. 608
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda
 State or Lead Regulatory Agency: California Regional Water Quality Control Board
 Requested Due Date (mm/dd/yy): 24 hours for Effluent & STD for others

On-site Time: <u>0630</u>	Temp:
Off-site Time: <u>0715</u>	Temp:
Sky Conditions:	
Meteorological Events:	
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, CA</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.: <u>E608-03</u>
Tele/Fax: <u>408-782-8156/ 408-782-6308</u>	Enfos Project No.: <u>G0C24-0017</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>03-O&M</u>	Report Type & QC Level: <u>Level I with EDF</u>
<u>San Ramon, CA</u>	Sub Phase/Task: <u>03-Analytical</u>	E-mail EDD To: <u>shaves@stratusinc.net</u>
Tele/Fax: <u>925-275-3506/925-275-3815</u>	Cost Element: <u>Subcontractor Cost</u>	Invoice to: <u>Atlantic Richfield Co.</u>

Lab Bottle Order No:				Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis					Turnaround Time		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	GRO	BTEX	5-Oxygenates	TSS (500 mg/L)	COD (500 mg/L)	24-hour	Standard	
1	00608WINF	0657	12/27		x		MGL0105	01	3					x	x	x					5-oxygenates requested are MTBE, DIPE, ETBE, TAME, and TBA. The 24-hour TAT rush on 00608EFF is only for GRO, BTEX, and 5-Oxys. TSS and COD are to be analyzed on a STD. TAT.
2	00608WGAC1	0651			x			02	3					x	x	x					
3	00608WGAC2	0649			x			03	3					x	x	x					
4	00608WEFF	0657			x			04	7		x			x	x	x	x				
5																					
6																					
7																					
8																					
9																					
10																					

Sampler's Name: <u>Chris Hull</u>	Relinquished By / Affiliation: <u>Chris Hull Stratus</u>	Date: <u>12/27</u>	Time: <u>1039</u>	Accepted By / Affiliation: <u>JULIEN / TAMH</u>	Date: <u>12/27</u>	Time: <u>103</u>
Sampler's Company: <u>Stratus Environmental, Inc.</u>						
Shipment Date: <u>12/27</u>						
Shipment Method: <u>Stratus</u>						
Shipment Tracking No:						

Special Instructions: Please cc results to Bpedf@Broadbentinc.com

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ARCO
 REC. BY (PRINT) JULIE N.
 WORKORDER: MOL0105

DATE REC'D AT LAB: 12/5/07
 TIME REC'D AT LAB: 1035
 DATE LOGGED IN: 12/05/07

For Regulatory Purposes?
 DRINKING WATER
 WASTE WATER
 OTHER

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	PH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent Intact / Broken*								<div style="transform: rotate(-45deg); font-size: 2em; font-weight: bold;"> JULIE N. SEE COC 12/5 </div>
2. Chain-of-Custody Present / Absent*								
3. Traffic Reports or Packing List Present / Absent								
4. Airbill: Airbill / Sticker Present / Absent								
5. Airbill #:								
6. Sample Labels: Present / Absent								
7. Sample IDs: Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*								
10. Sample received within hold time? Yes / No*								
11. Adequate sample volume received? Yes / No*								
12. Proper preservatives used? Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*								
14. Read Temp: <u>8.8°C</u> Correction Factor: <u>-1.0°C</u> Corrected Temp: <u>7.8°C</u> Is corrected temp. 0-6°C? Yes / No**								

**Exception (If any): Metals / Perchlorate
 OFF on Ice or Problem COC

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

APPENDIX C

GEOTRACKER UPLOAD CONFIRMATIONS

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UPLOADING A GEO_WELL FILE

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

Submittal Title:	4Q07 GEO_WELL 608
Facility Global ID:	T0600100085
Facility Name:	ARCO #00608
Submittal Date/Time:	1/11/2008 10:22:17 AM
Confirmation Number:	7722035288

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(CONTRACTOR)

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Confirmation Number: 4589199602

Date/Time of Submittal: 1/11/2008 11:33:44 AM

Facility Global ID: T0600100085

Facility Name: ARCO #00608

Submittal Title: 4Q07 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)
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<u>CONF #</u>	<u>TITLE</u>	<u>QUARTER</u>
4589199602	4Q07 GW Monitoring	Q4 2007
<u>SUBMITTED BY</u>	<u>SUBMIT DATE</u>	<u>STATUS</u>
Broadbent & Associates, Inc.	1/11/2008	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	3
# 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	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%	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

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Confirmation Number: 4236808836
Date/Time of Submittal: 1/11/2008 10:25:25 AM
Facility Global ID: T0600100085
Facility Name: ARCO #00608
Submittal Title: Monthly System Sampling 1007
Submittal Type: Soil & Water Investigation Report

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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)
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<u>CONF #</u>	<u>TITLE</u>	<u>QUARTER</u>
4236808836	Monthly System Sampling 1007	Q4 2007
<u>SUBMITTED BY</u>	<u>SUBMIT DATE</u>	<u>STATUS</u>
Broadbent & Associates, Inc.	1/11/2008	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED 8260FA,8260TPH,A2540D,E410.4
TESTED FOR REQUIRED ANALYTES? **N**
MISSING PARAMETERS NOT TESTED:
- 8260FA REQUIRES ETHANOL TO BE TESTED
LAB NOTE DATA QUALIFIERS **N**

QA/QC FOR 8021/8260 SERIES SAMPLES

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

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Confirmation Number: 4330936670
Date/Time of Submittal: 1/11/2008 10:49:03 AM
Facility Global ID: T0600100085
Facility Name: ARCO #00608
Submittal Title: Monthly System Sampling 1107
Submittal Type: Soil & Water Investigation Report

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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)
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<u>CONF #</u>	<u>TITLE</u>	<u>QUARTER</u>
4330936670	Monthly System Sampling 1107	Q4 2007
<u>SUBMITTED BY</u>	<u>SUBMIT DATE</u>	<u>STATUS</u>
Broadbent & Associates, Inc.	1/11/2008	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED 8260FA,8260TPH,A2540D,E410.4
TESTED FOR REQUIRED ANALYTES? **N**
MISSING PARAMETERS NOT TESTED:
- 8260FA REQUIRES ETHANOL TO BE TESTED
LAB NOTE DATA QUALIFIERS **N**

QA/QC FOR 8021/8260 SERIES SAMPLES

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

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Confirmation Number: 8725436806
Date/Time of Submittal: 1/11/2008 11:12:49 AM
Facility Global ID: T0600100085
Facility Name: ARCO #00608
Submittal Title: Monthly System Sampling 1207
Submittal Type: Soil & Water Investigation Report

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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)
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<u>CONF #</u>	<u>TITLE</u>	<u>QUARTER</u>
8725436806	Monthly System Sampling 1207	Q4 2007
<u>SUBMITTED BY</u>	<u>SUBMIT DATE</u>	<u>STATUS</u>
Broadbent & Associates, Inc.	1/11/2008	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	4
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FA,8260TPH,A2540D,E410.4
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FA REQUIRES ETHANOL TO BE TESTED	
LAB NOTE DATA QUALIFIERS	Y

QA/QC FOR 8021/8260 SERIES SAMPLES

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

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	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 > REPDL</u>
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0