RO 255

URS

May 8, 2006

Alameda County

MAY 12 2006

Environmental Health

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

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

Dear Mr. Carson:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is operating a groundwater extraction and treatment (GWET) system at the above-referenced site. This letter transmits GWET system operational data for the period from March 22, 2006, through April 17, 2006 (Tables 1 and 2). Operational parameters are summarized below.

Treatment System Status:	***Operational through 4/17/06***
Reporting Period:	3/22/06 to 4/17/06
Volume Discharged this period:	32,397 gallons
Effluent pH Reading:	6.78
Average Flow Rate this period:	0.86 gpm
Analytical Report:	Attachment A
O & M Field Information:	Attachment B

DISCUSSION:

Monthly compliance samples were collected on April 3, 2006, from the influent water stream (INF), between the first and second carbon vessel (MID-1), between the second and third carbon vessel (MID-2), and from the effluent (EFF). The samples were analyzed for gasoline range organics, benzene, toluene, ethylbenzene, total xylenes, and fuel additives by EPA Method 8260B.

During the April 3, 2006, compliance sampling event, the INF sample detected methyl tert-butyl ether (MTBE) and tert-Amyl methyl ether (TAME) at concentrations of 17 micrograms per liter (µg/L) and 0.54 µg/L, respectively. The MID-2 sample detected MTBE at 2.6 µg/L, and the EFF sample detected

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

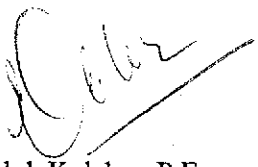
URS

MTBE at 0.80 µg/L. No other fuel components were detected at or above their respective laboratory reporting limits in April.

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

Sincerely,

URS CORPORATION



Alok Kolekar, P.E.
Project Manager

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

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS
Mr. John Kaiser, Regional Water Quality Control Board – electronic copy uploaded to ftp server and GeoTracker
Mr. Don Hwang, Alameda County Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502
Mr. Rob Miller, President, Broadbent & Associates, Inc., electronic copy uploaded to ENFOS

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

Meter Reading Date	Hour Meter Reading (Hrs)		Total (hrs)	System Downtime [k] (%)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
06/05/00	29,593	a		96.64	979,800	3,200	3,200	2.1
06/19/00	29,896			9.82	1,052,390	72,590	75,790	4.0
06/28/00	30,062			22.96	1,082,340	29,950	105,740	3.0
07/08/00	30,352			0.00	1,131,560	49,220	154,960	2.8
07/26/00	30,749			8.10	1,196,420	64,860	219,820	2.7
08/07/00	30,955			28.47	1,228,020	31,600	251,420	2.6
08/29/00	31,309			32.90	1,276,650	48,630	300,050	2.3
09/08/00	31,528			8.87	1,306,300	29,650	329,700	2.3
09/28/00	32,011			0.00	1,368,410	62,110	391,810	2.1
10/28/00	32,638			12.85	1,444,183	75,773	467,583	2.0
11/30/00	33,399			3.96	1,534,960	90,777	558,360	2.0
12/28/00	33,761			46.15	1,576,520	41,560	599,920	1.9
01/04/01	33,924			2.80	1,595,340	18,820	618,740	1.9
02/06/01	34,556			20.15	1,672,330	76,990	695,730	2.0
03/08/01	34,776			69.50	1,698,860	26,530	722,260	2.0
03/24/01	35,088			18.67	1,741,170	42,310	764,570	2.3
04/05/01	35,310			22.99	1,767,530	26,360	790,930	2.0
04/18/01	35,335			92.15	1,770,860	3,330	794,260	2.3
05/04/01	35,716			0.81	1,812,690	41,830	836,090	1.8
06/09/01	36,345			27.13	1,879,710	67,020	903,110	1.8
07/05/01	36,469	b		80.10	1,897,180	17,470	920,580	2.3
07/28/01	36,821			36.29	1,928,250	31,070	951,650	1.5
08/14/01	36,822	c		99.80	1,928,510	260	951,910	5.4
09/05/01	37,219			24.81	1,977,050	48,540	1,000,450	2.0
10/05/01	37,932			0.94	2,040,950	63,900	1,064,350	1.5
11/13/01	38,820			5.15	2,119,670	78,720	1,143,070	1.5
12/11/01	39,496			0.00	2,186,530	66,860	1,209,930	1.6
01/04/02	40,063			1.60	2,248,700	62,170	1,272,100	1.8
01/31/02	40,716			0.00	2,321,310	72,610	1,344,710	1.9
02/05/02	40,830			5.33	2,333,090	11,780	1,356,490	1.7
02/25/02	40,831			99.62	2,333,270	180	1,356,670	1.7
03/05/02	40,968			29.01	2,353,460	20,190	1,376,860	2.5
04/08/02	41,735			5.96	2,448,360	94,900	1,471,760	2.1
05/04/02	42,362			0.00	2,487,090	38,730	1,510,490	1.0
05/31/02	42,832	d		27.47	2,503,380	16,290	1,526,780	0.6
08/19/02	44,925			0.00	2,520,289	16,909	1,543,689	0.1
10/03/02	44,956	e		97.11	2,520,582	293	1,543,982	N/A
10/07/02	44,956	e		100.00	2,522,394	1,812	1,545,794	N/A
10/24/02	44,956	e		100.00	2,527,898	5,504	1,551,298	N/A
11/07/02	0	f	44,956	-	2,527,925	27	1,551,325	N/A
11/21/02	336		45,292	0.00	2,527,945	20	1,551,345	0.00
12/05/02	479	g	45,435	57.71	2,528,113	168	1,551,513	0.02
12/18/02	788	g	45,744	0.90	2,555,895	27,782	1,579,295	1.50
01/03/02	1,174	g	46,130	100.00	2,591,359	35,464	1,614,759	1.53
01/16/03	1,486	g	46,442	96.56	2,625,812	34,453	1,649,212	1.84
02/13/03	2,156	g	47,112	0.36	2,692,710	66,898	1,716,110	1.67
03/13/03	2,832		47,788	0.00	2,758,948	66,238	1,782,348	1.63
03/27/03	3,165		48,121	0.71	2,790,668	31,720	1,814,068	1.58
04/10/03	3,500		48,456	0.27	2,828,060	37,392	1,851,460	1.86
04/24/03	3,837		48,793	0.00	2,865,050	36,990	1,888,450	1.83
05/08/03	4,172		49,128	0.36	2,900,937	35,887	1,924,337	1.79
05/22/03	4,459	h	49,415	14.46	2,931,190	30,253	1,954,590	1.75
05/30/03	4,459	i	49,415	100.00	2,931,190	0	1,954,590	0.00
06/05/03	4,606		49,562	0.00	2,946,180	14,990	1,969,580	1.69
06/19/03	4,940		49,896	0.77	2,971,985	25,805	1,995,385	1.29

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

Meter Reading Date	Hour Meter Reading (Hrs)		Total (hrs)	System Downtime [k] (%)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
07/11/03	4,940		49,896	100.00	2,971,985	0	1,995,385	0.00
07/24/03	5,331		50,287	0.00	2,972,362	377	1,995,762	0.02
08/14/03	5,831		50,787	0.95	3,013,517	41,532	2,036,917	0.78
08/28/03	6,165		51,121	0.51	3,040,900	27,383	2,064,300	1.37
09/11/03	6,503		51,459	0.00	3,067,641	26,741	2,091,041	1.32
09/25/03	6,838		51,794	0.21	3,095,020	27,379	2,118,420	1.36
10/09/03	7,176		52,132	0.00	3,122,624	81,724	2,146,024	1.35
10/23/03	7,512		52,468	0.00	3,149,200	26,576	2,172,600	1.32
11/06/03	N/A	I	N/A	N/A	N/A	N/A	N/A	N/A
11/20/03	8,182		53,138	0.33	3,204,612	55,412	2,228,012	1.38
12/04/03	8,518		53,474	0.00	3,233,956	29,344	2,201,944	0.49
12/18/03	8,851		53,807	1.07	3,264,487	30,531	2,232,475	1.53
01/08/04	9,356		54,312	0.00	3,312,485	47,998	2,276,010	1.58
01/22/04	9,690		54,646	0.68	3,344,994	32,509	2,308,519	1.62
02/05/04	10,026		54,982	0.06	3,377,510	32,516	2,341,035	1.61
02/19/04	10,357		55,313	1.58	3,410,457	32,947	2,373,982	1.66
03/04/04	10,695		55,651	0.00	3,446,501	36,044	2,410,026	1.77
03/18/04	11,030		55,986	0.33	3,480,890	34,389	2,444,415	1.71
04/07/04	11,509		56,465	0.23	3,524,179	43,289	2,487,704	1.51
04/22/04	11,869		56,825	0.03	3,552,144	27,965	2,515,669	1.30
05/06/04	12,206		57,162	0.00	3,579,927	27,783	2,543,452	1.37
05/19/04	12,522		57,478	0.00	3,607,015	27,088	2,570,540	1.43
06/02/04	12,853		57,809	1.34	3,635,580	28,565	2,599,105	1.44
06/16/04	13,198		58,154	0.00	3,664,594	29,014	2,628,119	1.40
07/08/04	13,715		58,671	2.14	3,708,440	43,846	2,671,965	1.41
07/22/04	14,050		59,006	0.18	3,736,245	27,805	2,699,770	1.38
08/12/04	14,554		59,510	0.10	3,777,215	40,970	2,740,740	1.36
08/26/04	14,890		59,846	0.00	3,803,030	25,815	2,766,555	1.28
09/02/04	15,058		60,014	0.00	3,811,977	8,947	2,775,502	0.89
09/16/04	15,394		60,350	0.09	3,832,211	20,234	2,795,736	1.00
10/07/04	15,902		60,858	0.00	3,867,732	35,521	2,831,257	1.17
10/21/04	16,235		61,191	0.65	3,891,217	23,485	2,854,742	1.17
11/04/04	16,572		61,528	0.00	3,917,240	26,023	2,880,765	1.29
11/18/04	16,908		61,864	0.00	3,942,990	25,750	2,906,515	1.28
12/02/04	17,242		62,198	0.57	3,967,880	24,890	2,931,405	1.24
12/16/04	17,579		62,535	0.00	3,994,102	26,222	2,957,627	1.30
12/30/04	17,915		62,871	0.00	4,020,937	26,835	2,984,462	1.33
01/05/05	18,062		63,018	0.00	4,033,820	12,883	2,997,345	1.46
01/19/05	18,396		63,352	0.63	4,063,602	29,782	3,027,127	1.49
02/02/05	18,734		63,690	0.00	4,091,628	28,026	3,055,153	1.38
02/16/05	19,068		64,024	0.45	4,117,922	26,294	3,081,447	1.31
03/02/05	19,406		64,362	0.00	4,146,956	29,034	3,110,481	1.43
03/16/05	19,741		64,697	0.36	4,175,328	28,372	3,138,853	1.41
03/30/05	20,072		65,028	1.28	4,203,345	28,017	3,166,870	1.41
04/07/05	20,263		65,219	0.89	4,219,430	16,085	3,182,955	1.41
04/20/05	20,578		65,534	0.00	4,244,807	25,377	3,208,332	1.34
05/04/05	20,915		65,871	0.00	4,269,751	24,944	3,233,276	1.23
05/18/05	21,057		66,013	57.95	4,279,950	10,199	3,243,475	1.20
06/02/05	21,415		66,371	0.53	4,304,727	24,777	3,268,252	1.15
06/15/05	21,728		66,684	0.00	4,325,824	21,097	3,289,349	1.12
06/23/05	N/A		N/A	N/A	4,337,710	11,886	3,301,235	N/A
07/11/05	22,354		67,310	0.00	4,363,217	37,393	3,326,742	1.00

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

Meter Reading Date	Hour Meter Reading (Hrs)		Total (hrs)	System Downtime [k] (%)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
07/26/05	22,468	m	67,424	68.25	4,369,300	6,083	3,332,825	0.89
08/10/05	22,827		67,783	0.22	4,388,486	19,186	3,352,011	0.89
08/25/05	23,184		68,140	0.94	4,407,134	18,648	3,370,659	0.87
09/07/05	23,497		68,453	0.00	4,421,840	14,706	3,385,365	0.78
09/20/05	23,812		68,768	0.00	4,436,511	14,671	3,400,036	0.78
10/04/05	24,150		69,106	0.00	4,451,324	14,813	3,414,849	0.73
10/18/05	24,483		69,439	1.01	4,465,577	14,253	3,429,102	0.71
11/02/05	24,956	n	69,912	0.00	4,480,107	14,530	3,443,632	0.51
11/16/05	25,178		70,134	34.05	4,495,190	15,083	3,458,715	1.13
11/29/05	25,491		70,447	0.00	4,508,180	12,990	3,471,705	0.69
12/13/05	25,825		70,781	0.00	4,523,250	15,070	3,486,775	0.75
12/27/05	26,163		71,119	0.00	4,538,830	15,580	3,502,355	0.77
01/12/06	26,546		71,502	0.26	4,562,040	23,210	3,525,565	1.01
01/24/06	26,835		71,791	0.00	4,577,920	15,880	3,541,445	0.92
02/08/06	27,195		72,151	0.03	4,595,860	17,940	3,559,385	0.83
02/21/06	27,505		72,461	0.61	4,609,460	13,600	3,572,985	0.73
03/06/06	27,816		72,772	0.22	4,621,920	12,460	3,585,445	0.67
03/22/06	28,199		73,155	0.23	4,637,100	15,180	3,600,625	0.66
04/03/06	**28,489**		**73,445**	**0.00**	**4,651,630**	**14,530**	**3,615,155**	**0.84**
04/17/06	**28,827**		**73,783**	**0.00**	**4,669,497**	**17,867**	**3,633,022**	**0.88**

REPORTING PERIOD:	**3/22/06 to 4/17/06**
PERIOD AVERAGE FLOW RATE (gpm):	**0.86**
PERIOD VOLUME DISCHARGED (gallons):	**32,397**

hrs = hours
gpm = gallons per minute
N/A = not analyzed/not applicable/not available
Initial 3-hour startup pumping period May 31, 2000
a. System restarted 6/5/00 (previously ran 9/25/91 - 8/21/95)
b. System down during construction to main sewer line starting 6/25/01.
c. System restarted 8/14/01 following completion of construction work.
d. Hour meter reading not recorded. Estimated hours using last 3 months average.
e. Hour meter reading not functioning.
f. Hour meter replaced.
g. An error in the table has been corrected to show correct flow rate values.
h. System was down upon arrival due to utility power outage.
i. System restarted 5/30/03 after power restored to system.
k. Downtime calculated by the following: 100 - [(Hours Running in Period) / [(Days in Reporting Period)*(24 hours
l. Data from 11/6/03 site visit is unavailable.
m. During the period of July 11 to July 26, the GWET system tripped an inlet pressure switch and shut down.
n. Based on previous readings, the hour meter reading on the field data sheets is incorrect.

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

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon)										
09/26/91	38	4.8	0.6	1.6	1.1	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
11/22/91	<30	0.52	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	370	14	0.34	14	2.4	---	---	---	---	---
03/17/92	160	18	0.32	0.56	1.6	---	---	---	---	---
04/15/92	200	11	<0.30	7.3	0.77	---	---	---	---	---
05/14/92	45	1.4	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	97	25	<0.50	8.5	<0.50	---	---	---	---	---
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/17/92	96	7.7	13	0.56	9.7	---	---	---	---	---
01/18/93	100	13	6.6	1.1	11	---	---	---	---	---
02/22/93	480	36	29	4.9	96	---	---	---	---	---
03/15/93	310	29	14	4.9	55	---	---	---	---	---
04/09/93	140	11	2.8	2.6	17	---	---	---	---	---
05/13/93	530	27	12	18	96	---	---	---	---	---
06/04/93	170	5.2	1.6	2.5	23	---	---	---	---	---
07/20/93	200	12	0.91	8.2	29	---	---	---	---	---
08/16/93	150	4.9	0.63	2.9	15	---	---	---	---	---
09/13/93	80	2.2	<0.50	<0.50	4.8	---	---	---	---	---
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
12/21/93	73	3.5	<0.50	1.9	8.4	---	---	---	---	---
01/18/94	60	3.1	<0.50	3.2	4.3	---	---	---	---	---
02/17/94	<50	2.5	<0.50	2.1	3.1	---	---	---	---	---
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/21/94	110	7.8	<1.0	9.6	<1.0	---	---	---	---	---
05/13/94	230	8.3	<0.50	14	6	---	---	---	---	---
06/14/94	230	12	<0.50	16	1.5	---	---	---	---	---
07/14/94	270	6.9	<0.50	15	1.9	---	---	---	---	---
08/18/94	<50	1.8	<0.50	1.5	<0.50	---	---	---	---	---
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
11/05/94	<50	0.66	<0.50	2.6	<0.50	---	---	---	---	---
12/05/94	470	32	0.59	29	6.2	---	---	---	---	---
01/04/95	<50	1.1	<0.50	1.4	<0.50	---	---	---	---	---
02/06/95	100	2.4	1.1	1.2	2.8	---	---	---	---	---
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
04/04/95	290	6.6	<0.50	10	1.7	---	---	---	---	---
05/02/95	240	7.1	<0.50	3.2	1.6	---	---	---	---	---
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---
07/06/95	270	2.4	<0.50	7.6	1	---	---	---	---	---
08/21/95	230	1.8	<0.50	1.6	0.92	---	---	---	---	---
06/05/00	700	7.24	<1.0	2.11	<1.0	361	---	---	---	---
07/08/00	133	5.09	0.598	<0.50	<0.50	272	---	---	---	---
08/10/00	144	2.8	<0.50	1.04	<0.50	126	---	---	---	---
09/08/00	261	2.74	0.826	0.626	<0.50	120	---	---	---	---
10/10/00	114	<0.50	1.68	0.843	<0.50	<2.5	---	---	---	---
11/07/00	128	<0.50	<0.50	<0.50	<0.50	98.6	---	---	---	---
12/05/00	167	0.775	<0.50	<0.50	<0.50	104	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	86.8	---	---	---	---
02/06/01	203	0.572	<0.50	0.513	<0.50	80.5	---	---	---	---

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

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon) (cont.)										
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	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	14	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
01/19/05	84	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
02/16/05	<50 [3]	<0.50	<0.50	<0.50	<1.0	29	---	---	---	---
03/16/05	56 [3]	<0.50	<0.50	<0.50	<1.0	21	---	---	---	---
04/20/05	<50 [3]	<0.50	<0.50	<0.50	<1.0	19	---	---	---	---
05/18/05	82 [3]	<0.50	<0.50	<0.50	<1.0	16	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	13	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	9.8	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	8.2	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	9.2	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	11	---	---	---	---
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	16	---	---	---	---
02/08/06	60	<0.50	<0.50	<0.50	<1.0	15	---	---	---	---
03/06/06	<50	<0.50	<0.50	<0.50	<0.50	16	---	---	---	---
04/03/06	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**17**	**---**	**---**	**---**	**---**

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

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

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

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

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

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

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

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (cont.)										
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	---
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	---

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

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

Table 2
Treatment System Analytical Data
ARCO Service Station #0608
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 = Analyte present in the method blank

NOTES:
GRO/BTEX/MtBE analyzed using EPA Method 8260B beginning February 19, 2004.
The data within this table collected prior to May 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.
Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g has been changed to GRO. The resulting data may be impacted by the potential inclusion of non-TPHg analytes within the requested fuel range resulting in higher concentrations being reported.

ATTACHMENT A

CERTIFIED ANALYTICAL REPORT
AND CHAIN-OF-CUSTODY DOCUMENTATION

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26 April, 2006

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

RE: ARCO #0608, San Lorenzo, CA
Work Order: MPD0022

Enclosed are the results of analyses for samples received by the laboratory on 04/04/06 18:20. 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.

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPD0022
1333 Broadway, Suite 800	Project Number:G0C24-0015	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/26/06 17:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
INF	MPD0022-01	Water	04/03/06 13:20	04/04/06 18:20
MID-1	MPD0022-02	Water	04/03/06 13:15	04/04/06 18:20
MID-2	MPD0022-03	Water	04/03/06 13:10	04/04/06 18:20
EFFL	MPD0022-04	Water	04/03/06 13:00	04/04/06 18:20
Trip Blank	MPD0022-05	Water	04/03/06 12:30	04/04/06 18:20

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.

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1333 Broadway, Suite 800	Project Number:G0C24-0015	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/26/06 17:05

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
INF (MPD0022-01) Water Sampled: 04/03/06 13:20 Received: 04/04/06 18:20									
tert-Amyl methyl ether	**0.54**	0.50	ug/l	1	6D12036	04/12/06	04/13/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**17**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*80-135*		"	"	"	"	
Surrogate: Toluene-d8		*95 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*97 %*	*85-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*60-115*		"	"	"	"	
MID-1 (MPD0022-02) Water Sampled: 04/03/06 13:15 Received: 04/04/06 18:20									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6D12036	04/12/06	04/13/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*97 %*	*80-135*		"	"	"	"	
Surrogate: Toluene-d8		*95 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*96 %*	*85-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*60-115*		"	"	"	"	

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URS Corporation [Arco]	Project: ARCO #0608, San Lorenzo, CA	MPD0022
1333 Broadway, Suite 800	Project Number: G0C24-0015	**Reported:**
Oakland CA, 94612	Project Manager: Scott Robinson	04/26/06 17:05

Volatile Organic Compounds by EPA Method 8260B

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MID-2 (MPD0022-03) Water Sampled: 04/03/06 13:10 Received: 04/04/06 18:20									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6D12031	04/12/06	04/13/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**2.6**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	MB
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*86 %*	*80-135*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*92 %*	*85-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87 %*	*60-115*		"	"	"	"	
EFFL (MPD0022-04) Water Sampled: 04/03/06 13:00 Received: 04/04/06 18:20									
tert-Amyl methyl ether	ND	0.50	ug/l	1	6D12031	04/12/06	04/13/06	EPA 8260B	
Benzene	ND	0.50	"	"	"	"	"	"	
tert-Butyl alcohol	ND	20	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	300	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**0.80**	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	MB
Gasoline Range Organics (C4-C12)	ND	50	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*81 %*	*80-135*		"	"	"	"	
Surrogate: Toluene-d8		*95 %*	*70-130*		"	"	"	"	
Surrogate: Dibromofluoromethane		*91 %*	*85-130*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*89 %*	*60-115*		"	"	"	"	

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1333 Broadway, Suite 800	Project Number:G0C24-0015	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/26/06 17:05

Conventional Chemistry Parameters by APHA/EPA Methods

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (MPD0022-04) Water Sampled: 04/03/06 13:00 Received: 04/04/06 18:20									
Chemical Oxygen Demand	ND	30000	ug/l	1	6D05043	04/05/06	04/05/06	EPA 410.4	
Total Suspended Solids	ND	10000	"	"	6D12013	04/05/06	04/12/06	EPA 160.2	

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1333 Broadway, Suite 800	Project Number:G0C24-0015	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/26/06 17:05

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D12031 - EPA 5030B P/T / EPA 8260B										
Blank (6D12031-BLK1)				Prepared & Analyzed: 04/12/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	0.630	0.50	"							MB
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*4.29*		"	*5.00*		*86*	*80-135*			
Surrogate: Toluene-d8	*4.81*		"	*5.00*		*96*	*70-130*			
Surrogate: Dibromofluoromethane	*4.49*		"	*5.00*		*90*	*85-130*			
Surrogate: 4-Bromofluorobenzene	*4.57*		"	*5.00*		*91*	*60-115*			
Laboratory Control Sample (6D12031-BS1)				Prepared & Analyzed: 04/12/06						
tert-Amyl methyl ether	14.4	0.50	ug/l	16.3		88	65-135			
Benzene	5.55	0.50	"	5.04		110	70-125			
tert-Butyl alcohol	159	20	"	169		94	60-135			
Di-isopropyl ether	14.6	0.50	"	16.2		90	70-130			
1,2-Dibromoethane (EDB)	16.2	0.50	"	16.6		98	85-125			
1,2-Dichloroethane	14.6	0.50	"	15.5		94	75-125			
Ethanol	141	300	"	165		85	15-150			
Ethyl tert-butyl ether	14.9	0.50	"	16.4		91	65-130			
Ethylbenzene	7.37	0.50	"	7.28		101	80-130			
Methyl tert-butyl ether	7.46	0.50	"	7.84		95	50-140			
Toluene	34.8	0.50	"	38.0		92	70-120			
Xylenes (total)	41.3	0.50	"	40.8		101	85-125			MB
Gasoline Range Organics (C4-C12)	403	50	"	440		92	75-140			
Surrogate: 1,2-Dichloroethane-d4	*4.23*		"	*5.00*		*85*	*80-135*			
Surrogate: Toluene-d8	*4.90*		"	*5.00*		*98*	*70-130*			
Surrogate: Dibromofluoromethane	*4.41*		"	*5.00*		*88*	*85-130*			
Surrogate: 4-Bromofluorobenzene	*4.56*		"	*5.00*		*91*	*60-115*			

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1333 Broadway, Suite 800	Project Number:G0C24-0015	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/26/06 17:05

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D12031 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6D12031-MS1)	**Source: MPC1107-02**			Prepared: 04/12/06 Analyzed: 04/13/06						
tert-Amyl methyl ether	30.6	1.0	ug/l	32.6	ND	94	65-135			
Benzene	55.0	1.0	"	10.1	48	69	70-125			BB,LN
tert-Butyl alcohol	1650	40	"	338	1400	74	60-135			
Di-isopropyl ether	31.5	1.0	"	32.5	0.48	95	70-130			
1,2-Dibromoethane (EDB)	32.7	1.0	"	33.3	ND	98	85-125			
1,2-Dichloroethane	28.9	1.0	"	31.0	ND	93	75-125			
Ethanol	416	600	"	330	ND	126	15-150			
Ethyl tert-butyl ether	29.6	1.0	"	32.8	ND	90	65-130			
Ethylbenzene	23.5	1.0	"	14.6	11	86	80-130			
Methyl tert-butyl ether	55.3	1.0	"	15.7	56	0	50-140			LN
Toluene	71.5	1.0	"	76.0	0.52	93	70-120			
Xylenes (total)	89.0	1.0	"	81.6	7.2	100	85-125			MB
Gasoline Range Organics (C4-C12)	2660	100	"	880	1800	98	75-140			
Surrogate: 1,2-Dichloroethane-d4	*4.42*		"	*5.00*		*88*	*80-135*			
Surrogate: Toluene-d8	*4.78*		"	*5.00*		*96*	*70-130*			
Surrogate: Dibromofluoromethane	*4.59*		"	*5.00*		*92*	*85-130*			
Surrogate: 4-Bromofluorobenzene	*4.80*		"	*5.00*		*96*	*60-115*			
Matrix Spike Dup (6D12031-MSD1)	**Source: MPC1107-02**			Prepared: 04/12/06 Analyzed: 04/13/06						
tert-Amyl methyl ether	31.4	1.0	ug/l	32.6	ND	96	65-135	3	25	
Benzene	56.8	1.0	"	10.1	48	87	70-125	3	15	
tert-Butyl alcohol	1650	40	"	338	1400	74	60-135	0	35	
Di-isopropyl ether	32.3	1.0	"	32.5	0.48	98	70-130	3	35	
1,2-Dibromoethane (EDB)	33.6	1.0	"	33.3	ND	101	85-125	3	15	
1,2-Dichloroethane	29.7	1.0	"	31.0	ND	96	75-125	3	10	
Ethanol	365	600	"	330	ND	111	15-150	13	35	
Ethyl tert-butyl ether	31.0	1.0	"	32.8	ND	95	65-130	5	35	
Ethylbenzene	22.9	1.0	"	14.6	11	82	80-130	3	15	
Methyl tert-butyl ether	61.4	1.0	"	15.7	56	34	50-140	10	25	LN
Toluene	75.0	1.0	"	76.0	0.52	98	70-120	5	15	
Xylenes (total)	88.5	1.0	"	81.6	7.2	100	85-125	0.6	15	MB
Gasoline Range Organics (C4-C12)	2870	100	"	880	1800	122	75-140	8	20	
Surrogate: 1,2-Dichloroethane-d4	*4.54*		"	*5.00*		*91*	*80-135*			
Surrogate: Toluene-d8	*4.97*		"	*5.00*		*99*	*70-130*			
Surrogate: Dibromofluoromethane	*4.71*		"	*5.00*		*94*	*85-130*			
Surrogate: 4-Bromofluorobenzene	*4.87*		"	*5.00*		*97*	*60-115*			

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1333 Broadway, Suite 800	Project Number:G0C24-0015	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/26/06 17:05

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D12036 - EPA 5030B P/T / EPA 8260B										
Blank (6D12036-BLK1)				Prepared: 04/12/06 Analyzed: 04/13/06						
tert-Amyl methyl ether	ND	0.50	ug/l							
Benzene	ND	0.50	"							
tert-Butyl alcohol	ND	20	"							
Di-isopropyl ether	ND	0.50	"							
1,2-Dibromoethane (EDB)	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
Ethanol	ND	300	"							
Ethyl tert-butyl ether	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
Toluene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Gasoline Range Organics (C4-C12)	ND	50	"							
Surrogate: 1,2-Dichloroethane-d4	*2.34*		"	*2.50*		*94*	*80-135*			
Surrogate: Toluene-d8	*2.37*		"	*2.50*		*95*	*70-130*			
Surrogate: Dibromofluoromethane	*2.35*		"	*2.50*		*94*	*85-130*			
Surrogate: 4-Bromofluorobenzene	*2.53*		"	*2.50*		*101*	*60-115*			
Laboratory Control Sample (6D12036-BS1)				Prepared & Analyzed: 04/12/06						
tert-Amyl methyl ether	16.7	0.50	ug/l	16.3		102	65-135			
Benzene	5.04	0.50	"	5.04		100	70-125			
tert-Butyl alcohol	173	20	"	169		102	60-135			
Di-isopropyl ether	16.1	0.50	"	16.2		99	70-130			
1,2-Dibromoethane (EDB)	16.8	0.50	"	16.6		101	85-125			
1,2-Dichloroethane	16.0	0.50	"	15.5		103	75-125			
Ethanol	198	300	"	165		120	15-150			
Ethyl tert-butyl ether	16.6	0.50	"	16.4		101	65-130			
Ethylbenzene	7.11	0.50	"	7.28		98	80-130			
Methyl tert-butyl ether	7.96	0.50	"	7.84		102	50-140			
Toluene	34.3	0.50	"	38.0		90	70-120			
Xylenes (total)	39.8	0.50	"	40.8		98	85-125			
Gasoline Range Organics (C4-C12)	556	50	"	440		126	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.51*		"	*2.50*		*100*	*80-135*			
Surrogate: Toluene-d8	*2.49*		"	*2.50*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*2.38*		"	*2.50*		*95*	*85-130*			
Surrogate: 4-Bromofluorobenzene	*2.66*		"	*2.50*		*106*	*60-115*			

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1333 Broadway, Suite 800	Project Number:G0C24-0015	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/26/06 17:05

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D12036 - EPA 5030B P/T / EPA 8260B										
Matrix Spike (6D12036-MS1)	**Source: MPD0035-01**			Prepared & Analyzed: 04/12/06						
tert-Amyl methyl ether	164	5.0	ug/l	163	ND	101	65-135			
Benzene	53.8	5.0	"	50.4	3.0	101	70-125			
tert-Butyl alcohol	1830	200	"	1690	ND	108	60-135			
Di-isopropyl ether	160	5.0	"	162	ND	99	70-130			
1,2-Dibromoethane (EDB)	162	5.0	"	166	ND	98	85-125			
1,2-Dichloroethane	160	5.0	"	155	ND	103	75-125			
Ethanol	2140	3000	"	1650	ND	130	15-150			
Ethyl tert-butyl ether	163	5.0	"	164	ND	99	65-130			
Ethylbenzene	77.6	5.0	"	72.8	6.2	98	80-130			
Methyl tert-butyl ether	119	5.0	"	78.4	43	97	50-140			
Toluene	347	5.0	"	380	1.1	91	70-120			
Xylenes (total)	417	5.0	"	408	10	100	85-125			
Gasoline Range Organics (C4-C12)	5820	500	"	4400	97	130	75-140			
Surrogate: 1,2-Dichloroethane-d4	*2.46*		"	*2.50*		*98*	*80-135*			
Surrogate: Toluene-d8	*2.51*		"	*2.50*		*100*	*70-130*			
Surrogate: Dibromofluoromethane	*2.37*		"	*2.50*		*95*	*85-130*			
Surrogate: 4-Bromofluorobenzene	*2.65*		"	*2.50*		*106*	*60-115*			
Matrix Spike Dup (6D12036-MSD1)	**Source: MPD0035-01**			Prepared & Analyzed: 04/12/06						
tert-Amyl methyl ether	169	5.0	ug/l	163	ND	104	65-135	3	25	
Benzene	53.4	5.0	"	50.4	3.0	100	70-125	0.7	15	
tert-Butyl alcohol	1870	200	"	1690	ND	111	60-135	2	35	
Di-isopropyl ether	163	5.0	"	162	ND	101	70-130	2	35	
1,2-Dibromoethane (EDB)	168	5.0	"	166	ND	101	85-125	4	15	
1,2-Dichloroethane	162	5.0	"	155	ND	105	75-125	1	10	
Ethanol	2290	3000	"	1650	ND	139	15-150	7	35	
Ethyl tert-butyl ether	164	5.0	"	164	ND	100	65-130	0.6	35	
Ethylbenzene	77.2	5.0	"	72.8	6.2	98	80-130	0.5	15	
Methyl tert-butyl ether	123	5.0	"	78.4	43	102	50-140	3	25	
Toluene	351	5.0	"	380	1.1	92	70-120	1	15	
Xylenes (total)	409	5.0	"	408	10	98	85-125	2	15	
Gasoline Range Organics (C4-C12)	5800	500	"	4400	97	130	75-140	0.3	20	
Surrogate: 1,2-Dichloroethane-d4	*2.52*		"	*2.50*		*101*	*80-135*			
Surrogate: Toluene-d8	*2.47*		"	*2.50*		*99*	*70-130*			
Surrogate: Dibromofluoromethane	*2.38*		"	*2.50*		*95*	*85-130*			
Surrogate: 4-Bromofluorobenzene	*2.52*		"	*2.50*		*101*	*60-115*			

Sequoia Analytical

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

URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPD0022
1333 Broadway, Suite 800	Project Number:G0C24-0015	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/26/06 17:05

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6D12013 - General Preparation / EPA 160.2										
Blank (6D12013-BLK1)				Prepared: 04/05/06 Analyzed: 04/12/06						
Total Suspended Solids	ND	10000	ug/l							
Duplicate (6D12013-DUP1)	**Source: MPD0067-01**			Prepared: 04/05/06 Analyzed: 04/12/06						
Total Suspended Solids	14000	10000	ug/l		13000			7	20	
Batch 6D05043 - General Preparation / EPA 410.4										
Blank (6D05043-BLK1)				Prepared & Analyzed: 04/05/06						
Chemical Oxygen Demand	ND	30000	ug/l							
Laboratory Control Sample (6D05043-BS1)				Prepared & Analyzed: 04/05/06						
Chemical Oxygen Demand	121000	33000	ug/l	111000		109	75-120			
Matrix Spike (6D05043-MS1)	**Source: MPD0022-04**			Prepared & Analyzed: 04/05/06						
Chemical Oxygen Demand	121000	33000	ug/l	111000	10000	100	75-120			
Matrix Spike Dup (6D05043-MSD1)	**Source: MPD0022-04**			Prepared & Analyzed: 04/05/06						
Chemical Oxygen Demand	119000	33000	ug/l	111000	10000	98	75-120	2	15	

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URS Corporation [Arco]	Project:ARCO #0608, San Lorenzo, CA	MPD0022
1333 Broadway, Suite 800	Project Number:G0C24-0015	**Reported:**
Oakland CA, 94612	Project Manager:Scott Robinson	04/26/06 17:05

Notes and Definitions

MB	Analyte present in the method blank
LN	MS and/or MSD below acceptance limits. See Blank Spike(LCS).
BB,LN	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

bp

Chain of Custody Record

Project Name: Station 608 - O&M - Remediation
BP BU/AR Region/Enfos Segment: Retail
State or Lead Regulatory Agency: Oro Loma Sanitary District
Requested Due Date (mm/dd/yy): 4/17/06
(14- day TAT)

On-site Time:	1230	Temp:	N/A
Off-site Time:	1330	Temp:	N/A
Sky Conditions:	Rain		
Meteorological Events:	Rain		
Wind Speed:	N/A	Direction:	N/A

Lab Name: Sequoia Analytical (Morgan Hill)	
Address: 885 Jarvis Drive	
	Morgan Hill, CA 95037
Lab PM: Lisa Race	
Tele/Fax: 408.782.8156/408.782.6308	
BP/AR PM Contact:	Paul Supple
Address:	P.O. Box 6549
	Moraga CA 94570
Tele/Fax:	925.299.8891/925.299.8872

BP/AR Facility No.:	Station 608
BP/AR Facility Address:	17601 Hesperian Blvd, San Lorenzo
Site Lat/Long:	37.673888 / -122.123
California Global ID No.:	T000100085
Enfos Project No.:	G0C24-0005
Provision or RCOP :	Provision
Phase/WBS:	03 - O&M
Sub Phase/Task:	03 - Analytical
Cost Element:	05 - Subcontractor Costs

Consultant/Contractor:	URS Oakland
Address:	1333 Broadway, Suite 800
	Oakland CA 94612
Consultant/Contractor Project No.:	38487015
Consultant/Contractor PM:	Scott Robinson
Tele/Fax:	510.893.3600/510.874.3268
Report Type & QC Level:	Level 1 and EDF
E-mail EDD To:	Donna_Cosper@urscorp.com
Invoice to: Consultant or BP or Atlantic Richfield Co. (circle one)	

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	MPD0022 Laboratory No.	No. of Containers	Preservative: Unpreserved	H_2SO_4	HNO_3	HCl	Methanol		Requested Analysis: BTEX/Oxy/TPH (8260)	COD (410.4)	TSS (160.2)								Sample Point Lat/Long and Comments
1	INF -01	1320	4/3/06		X			3				X			X										
2	MID-1 -02	1315	↓		X			3				X			X										
3	MID-2 -03	1310	↓		X			3				X			X										
4	BFFL -04	1300	↓		X			3				X			X										
5	BFFL ↓	↓	↓		X			1	X								X								
6	BFFL ↓	↓	↓		X			1		X						X									
7	TRIP BLANK -05	1230	↓		X			2 [illegible]				X													HOLD
8																									
9																									
10																									

Sampler's Name:	DARIN ROSS
Sampler's Company:	URS GROUP
Shipment Date:	4/3/06
Shipment Method:	HAND
Shipment Tracking No:	

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
[signature]	4/3/06	1615	[signature] Seq/Pet	4/3/06	1615
[signature]			[signature]	4/4/06	1220

Special Instructions:

Custody Seals In Place Yes ___ No ___ Temp Blank Yes (X) No ___ Cooler Temperature on Receipt 4.2 °F/(C) Trip Blank Yes (X) No

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

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
REC. BY (PRINT): EB
WORKORDER: MPD0022

DATE REC'D AT LAB: 4-4-04
TIME REC'D AT LAB: 1820
DATE LOGGED IN: 4/4/04

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

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / Absent Intact / Broken*									
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*					HNO3				
9. Does information on chain-of-custody, traffic reports and sample labels agree?	Yes / No*				4-64					
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: 4.2 C Corrected Temp: 4.2 C Is corrected temp 4 +/-2°C?	Yes / No**									

(Acceptance range for samples requiring thermal pres.)

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

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

SRL Revision 7
Replaces Rev 5 (07/13/04)

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS
REC. BY (PRINT): [illegible]
WORKORDER: 1MPD0022

DATE Received at Lab: 4/3/06
TIME Received at Lab: 1615
LOG IN DATE: 4/3/06

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	Dash #	CLIENT ID	CONTAINER DESCRIPTION	pH	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s) Present / Absent; Intact / Broken*			INF	3 pV's		W	4/3/06	
			MID - 1	↓		↓	↓	
			↓ 2	↓				
2. Chain-of-Custody Present / Absent*			EFFL	3 pV's				
3. Airbill: Airbill / Sticker Present / Absent			↓	500p H2SO4	Ø			
			↓	1Lp - unp				
4. Airbill #:			Trip Blank	2 pV's				
5. Sample Labels: Present / Absent								
6. Sample IDs: Listed / Not Listed on Chain-of-Custody								
7. Sample Condition: Intact / Broken* / Leaking*								
8. Does information on custody reports, traffic reports, and sample labels agree? Yes / No*								
9. Sample received within hold time: Yes / No*								
10. Proper Preservatives used: Yes / No*								
11. Temperature Blank Received? Yes / No*								
12. Temp Rec. at Lab: 7.9 degrees C (Acceptance range for samples requiring thermal pres.:4+/-2°C) DFP Yes / No*								
13. Samples collected more than 4 days ago? Yes / No*								

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

ATTACHMENT B

OPERATION AND MAINTENANCE FIELD LOGS

FIELD SERVICES / ROUTINE O&M REQUEST

Identification

Project #	38487015 Cost Code: 0033501
Station #	ARCO 0608
Site Address:	17601 Hesperian Blvd.
County:	San Lorenzo CA
Project Manager:	Scott Robinson (874-3280)
Lead Engineer:	Amber Budd (874-1769)
Client:	BP
Client P.O.C.:	Paul Supple
Revision Date:	
Laboratory:	STL

Site Remedial Technologies : Groundwater Extraction (GWE)

Permit Type : POTW

Complete attached Data Sheets as prescribed in the following table:

Scheduling Table

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

Monthly = once a month during week 1

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

Comments:

System Under Compliance: yes

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

Field Technician Response:

Completed by: D. Loos

Arrival time: 1230

Sample this visit?: yes

Date: 4/3/06

Departure time:

Engineer contacted? No

AB 4/20/06

Date: 4/3/06

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

System Description:

Groundwater Extraction Wells

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

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

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

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

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

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	465630	
ELECTRIC METER READING (kWh)	46731	N/A
Hour Meter Reading (hrs)	284888	N/A
Holding Tank Level	N/A	
FILTER INLET PRESSURE (psig)	(Change filter if pressure > 30 psig) 10	After changing filter =
CARBON #1 INLET PRESSURE (psig)	(Backflush if pressure > 20 psig) 10	After backflush =
CARBON #2 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 10	After backflush =
CARBON #3 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 5	After backflush =
DISCHARGE PRESSURE (psig)	0	
EFF FLOW RATE (gpm)	1.1 gpm	

PART B: COMMENTS

PART C: WELL DATA (Monthly)
* Allow system to run 1 hour before obtaining DTW readings

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

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

SAMPLE	ANALYSIS	BOTTLE REQUIREMENT	COMPLETE
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
EFFLUENT	GRO/BTEX /Fuel Oxys (EPA 8260), COD (410.4), TSS (160.2), 14-*day TAT*	3X40 mL HCl VOA's, 1unpreserved, 1 H_2SO_4	
TRIP BLANK	GRO/BTEX, EPA 8260 *(on Hold)*	3X40 mL VOA supplied by the lab	

PART E: SYSTEM MAINTENANCE (Every Visit)

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

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

Submerssible Pumps Checked?	YES	Flow Totalizers Cleaned?	NO
Control Logics Checked?	YES		

PART G: READINGS (Monthly during week 1)

EFFLUENT	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
permit limits:	5.5 to 12.5 6.75	150°F 15.7	1356	

Chain of Custody Record

Project Name:	Station 608 - O&M - Remediation
BP BU/AR Region/EnFos Segment:	Retail
State or Lead Regulatory Agency:	Oro Loma Sanitary District
Requested Due Date (mm/dd/yy): (14-day TAT)	4/12/06

On-site Time:	1230	Temp:	N/A
Off-site Time:	1330	Temp:	N/A
Sky Conditions:	Rain		
Meteorological Events:	Rain		
Wind Speed:	N/A	Direction:	N/A

Lab Name: Sequoia Analytical (Morgan Hill)		BP/AR Facility No.:	Station 608
Address: 885 Jarvis Drive		BP/AR Facility Address:	17601 Hesperian Blvd, San Lorenzo
Morgan Hill, CA 95037		Site Lat/Long:	37.673888 / -122.123
Lab PM: Lisa Race		California Global ID No.:	T0600100085
Tele/Fax: 408.782.8156/408.782.6308		Enfos Project No.:	G0C24-0005
BP/AR PM Contact: Paul Supple		Provision or RCOP: Provision	
Address: P.O. Box 6549		Phase/WBS:	03 - O&M
Moraga CA 94570		Sub Phase/Task:	03 - Analytical
Tele/Fax: 925.299.8891/925.299.8872		Cost Element:	05 - Subcontractor Costs

Consultant/Contractor:	URS Oakland		
Address:	1333 Broadway, Suite 800		
	Oakland CA 94612		
Consultant/Contractor Project No.:	38487015		
Consultant/Contractor PM:	Scott Robinson		
Tele/Fax:	510.893.3600/510.874.3268		
Report Type & QC Level:	Level 1 and EDF		
E-mail EDD To:	Donna_Cosper@urscorp.com		
Invoice to: Consultant or BP or Atlantic Richfield Co. (circle one)			

Lab Bottle Order No:

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: BTEX/Oxy/TPH (8260)	Requested Analysis: COD (410.4)	Requested Analysis: TSS (160.2)	Sample Point Lat/Long and Comment
1	INF	1320	4/5/06		X			3				X		X			
2	MID-1	1315	↓		X			3				X		X			
3	MID-2	1310			X			3				X		X			
4	EFFL	1300			X			3				X		X			
5	EFFL	↓			X			1	X							X	
6	EFFL	↓			X			1		X					X		
7	TRIP BLANK	1230	↓		X			2				X					HOLD
8																	
9																	
10																	

Sampler's Name:	DARIN ROSS	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	URS GROUP		4/5/06	1615	[signature] Seq/Pet	4/5/06	1615
Shipment Date:	4/3/06						
Shipment Method:	HAND						
Shipment Tracking No:							

Special Instructions:

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

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

BP COC Rev. 4 10/1/04

FIELD SERVICES / ROUTINE O&M REQUEST

Identification

Project #	38487015 Cost Code: 0033501
Station #	ARCO 0608
Site Address:	17601 Hesperian Blvd.
County:	San Lorenzo CA
Project Manager:	Scott Robinson (874-3280)
Lead Engineer:	Amber Budd (874-1769)
Client:	BP
Client P.O.C.:	Paul Supple
Revision Date:	
Laboratory:	STL

Site Remedial Technologies : Groundwater Extraction (GWE)

Permit Type : POTW

Complete attached Data Sheets as prescribed in the following table:

Scheduling Table

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

Monthly = once a month during week 1

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

Comments:

System Under Compliance: _____

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

Field Technician Response:

Completed by: R. Murray / D. Ross Date: 4/17/06

Arrival time: 1300 / 15:00 Departure time: 1545

Sample this visit?: NO Engineer contacted? NO

AB 4/20/06

Date: 4/17/06

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

System Description:

Groundwater Extraction Wells

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

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

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

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

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

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	669497	
ELECTRIC METER READING (kWh)	46025	N/A
Hour Meter Reading (hrs)	28826.8	N/A
Holding Tank Level	N/A	
FILTER INLET PRESSURE (psig)	(Change filter if pressure > 30 psig) 16	After changing filter =
CARBON #1 INLET PRESSURE (psig)	(Backflush if pressure > 20 psig) 11.5	After backflush =
CARBON #2 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 10.5	After backflush =
CARBON #3 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 4	After backflush =
DISCHARGE PRESSURE (psig)	0	
EFF FLOW RATE (gpm)	2 GPM	

PART B: COMMENTS

PART C: WELL DATA (Monthly)

* **Allow system to run 1 hour before obtaining DTW readings**

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

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

SAMPLE	ANALYSIS	BOTTLE REQUIREMENT	COMPLETE
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14*day TAT*	3X40 mL HCl VOA's	
EFFLUENT	GRO/BTEX /Fuel Oxys (EPA 8260), COD (410.4), TSS (160.2), 14-*day TAT*	3X40 mL HCl VOA's, 1unpreserved, 1 H_2SO_4	
TRIP BLANK	GRO/BTEX, EPA 8260 *(on Hold)*	3X40 mL VOA supplied by the lab	

PART E: SYSTEM MAINTENANCE (Every Visit)

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

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

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

PART G: READINGS(Monthly during week 1)

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