



May 9, 2005

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

Re: Monthly Discharge Report – March 2005
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 2, 2005 through April 7, 2005 (Tables 1 and 2). Operational parameters are summarized below.

<i>Treatment System Status:</i>	<i>Operational through 4/7/05</i>
<i>Reporting Period:</i>	<i>3/2/05 to 4/7/05</i>
<i>Volume Discharged this period:</i>	<i>101,508 gallons</i>
<i>Effluent pH Reading:</i>	<i>6.48</i>
<i>Average Flow Rate this period:</i>	<i>1.42 gpm</i>
<i>Analytical Report:</i>	<i>Attachment A</i>
<i>O & M Field Information:</i>	<i>Attachment B</i>

DISCUSSION:

Monthly compliance samples were collected on March 16, 2005, and analyzed for gasoline range organics, benzene, toluene, ethylbenzene, total xylenes, and fuel additives by EPA Method 8260B. Gasoline range organics were detected at or above the laboratory reporting limit in the influent sample at a concentration of 84 micrograms per liter ($\mu\text{g/L}$). Methyl tert butyl ether was detected at or above the laboratory reporting limit in the influent sample and the sample collected between the primary and secondary carbon vessels at concentrations of 19 $\mu\text{g/L}$ and 2.2 $\mu\text{g/L}$, respectively. No other fuel components were detected at or above their respective laboratory reporting limits this month.



If you have any questions regarding this project or require further information, please do not hesitate to call me at 510-874-3019.

Sincerely,

URS CORPORATION

Donna Cosper, E.I.T.
Senior Engineer

Scott Robinson
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 - San Francisco Bay Region, 1515
Clay Street, Suite 1400, Oakland, CA 94612
Mr. Robert Shultz, Alameda County Environmental Health, 1131 Harbor Bay
Parkway, Alameda, CA 94502

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 (hours)	Total (hours)	System Downtime ^(a) (%)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
06/05/00	a 29593.0		97	979,800	3,200	3,200	2.1
06/19/00	29896.0		10	1,052,390	72,590	75,790	4.0
06/28/00	30062.4		23	1,082,340	29,950	105,740	3.0
07/08/00	30352.0		0	1,131,560	49,220	154,960	2.8
07/26/00	30749.0		8	1,196,420	64,860	219,820	2.7
08/07/00	30955.0		28	1,228,020	31,600	251,420	2.6
08/29/00	31309.3		33	1,276,650	48,630	300,050	2.3
09/08/00	31528.0		9	1,306,300	29,650	329,700	2.3
09/28/00	32010.7		0	1,368,410	62,110	391,810	2.1
10/28/00	32638.2		13	1,444,183	75,773	467,583	2.0
11/30/00	33398.8		4	1,534,960	90,777	558,360	2.0
12/28/00	33760.7		46	1,576,520	41,560	599,920	1.9
01/04/01	33924.0		3	1,595,340	18,820	618,740	1.9
02/06/01	34556.4		20	1,672,330	76,990	695,730	2.0
03/08/01	34776.0		70	1,698,860	26,530	722,260	2.0
03/24/01	35088.3		19	1,741,170	42,310	764,570	2.3
04/05/01	35310.1		23	1,767,530	26,360	790,930	2.0
04/18/01	35334.6		92	1,770,860	3,330	794,260	2.3
05/04/01	35715.5		1	1,812,690	41,830	836,090	1.8
06/09/01	36345.1		27	1,879,710	67,020	903,110	1.8
07/05/01	b 36469.3		80	1,897,180	17,470	920,580	2.3
07/28/01	36821.0		36	1,928,250	31,070	951,650	1.5
08/14/01	c 36821.8		100	1,928,510	260	951,910	5.4
09/05/01	37218.8		25	1,977,050	48,540	1,000,450	2.0
10/05/01	37932.0		1	2,040,950	63,900	1,064,350	1.5
11/13/01	38819.8		5	2,119,670	78,720	1,143,070	1.5
12/11/01	39496.1		0	2,186,530	66,860	1,209,930	1.6
01/04/02	40062.9		2	2,248,700	62,170	1,272,100	1.8
01/31/02	40716.0		0	2,321,310	72,610	1,344,710	1.9
02/05/02	40829.6		5	2,333,090	11,780	1,356,490	1.7
02/25/02	40831.4		100	2,333,270	180	1,356,670	1.7
03/05/02	40967.7		29	2,353,460	20,190	1,376,860	2.5
04/08/02	41735.1		6	2,448,360	94,900	1,471,760	2.1
05/04/02	42362.0		0	2,487,090	38,730	1,510,490	1.0
05/31/02	d 42832.0		27	2,503,380	16,290	1,526,780	0.6
08/19/02	44924.8		0	2,520,289	16,909	1,543,689	0.1
10/03/02	e 44956.0		97	2,520,582	293	1,543,982	N/A
10/07/02	e 44956.0		100	2,522,394	1,812	1,545,794	N/A
10/24/02	e 44956.0		100	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	336.4	45,292	0	2,527,945	20	1,551,345	0.00
12/05/02	478.5 g	45,435	58	2,528,113	168	1,551,513	0.02
12/18/02	787.7 g	45,744	1	2,555,895	27,782	1,579,295	1.50
01/03/02	1174.0 g	46,130	100	2,591,359	35,464	1,614,759	1.53
01/16/03	1486.2 g	46,442	97	2,625,812	34,453	1,649,212	1.84
02/13/03	2155.8 g	47,112	0	2,692,710	66,898	1,716,110	1.67
03/13/03	2831.5	47,788	0	2,758,948	66,238	1,782,348	1.63
03/27/03	3165.1	48,121	1	2,790,668	31,720	1,814,068	1.58
04/10/03	3500.2	48,456	0	2,828,060	37,392	1,851,460	1.86
04/24/03	3836.7	48,793	0	2,865,050	36,990	1,888,450	1.83
05/08/03	4171.5	49,128	0	2,900,937	35,887	1,924,337	1.79
05/22/03	h 4458.9	49,415	14	2,931,190	30,253	1,954,590	1.75
05/30/03	i 4458.9	49,415	100	2,931,190	0	1,954,590	0.00

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 (hours)	Total (hours)	System Downtime ^(K) (%)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
06/05/03	4606.4	49,562	0	2,946,180	14,990	1,969,580	1.69
06/19/03	4939.8	49,896	1	2,971,985	25,805	1,995,385	1.29
07/11/03	4939.8	49,896	100	2,971,985	0	1,995,385	0.00
07/24/03	5331.4	50,287	0	2,972,362	377	1,995,762	0.02
08/14/03	5830.6	50,787	1	3,013,517	41,532	2,036,917	0.78
08/28/03	6164.9	51,121	1	3,040,900	27,383	2,064,300	1.37
09/11/03	6503.1	51,459	0	3,067,641	26,741	2,091,041	1.32
09/25/03	6838.4	51,794	0	3,095,020	27,379	2,118,420	1.36
10/09/03	7175.6	52,132	0	3,122,624	81,724	2,146,024	1.35
10/23/03	7511.7	52,468	0	3,149,200	26,576	2,172,600	1.32
11/06/03	NA	NA	NA	NA	NA	NA	NA
11/20/03	8181.5	53,138	0	3,204,612	55,412	2,228,012	1.38
12/04/03	8518.1	53,474	0	3,233,956	29,344	2,201,944	0.49
12/18/03	8850.5	53,807	1	3,264,487	30,531	2,232,475	1.53
01/08/04	9356.3	54,312	0	3,312,485	47,998	2,276,010	1.58
01/22/04	9690.0	54,646	1	3,344,994	32,509	2,308,519	1.62
02/05/04	10025.8	54,982	0	3,377,510	32,516	2,341,035	1.61
02/19/04	10356.5	55,313	2	3,410,457	32,947	2,373,982	1.66
03/04/04	10695.4	55,651	0	3,446,501	36,044	2,410,026	1.77
03/18/04	11030.3	55,986	0	3,480,890	34,389	2,444,415	1.71
04/07/04	11509.2	56,465	0	3,524,179	43,289	2,487,704	1.51
04/22/04	11869.1	56,825	0	3,552,144	27,965	2,515,669	1.30
05/06/04	12206.1	57,162	0	3,579,927	27,783	2,543,452	1.37
05/19/04	12521.5	57,478	0	3,607,015	27,088	2,570,540	1.43
06/02/04	12853.0	57,809	1	3,635,580	28,565	2,599,105	1.44
06/16/04	13198.0	58,154	0	3,664,594	29,014	2,628,119	1.40
07/08/04	13714.7	58,671	2	3,708,440	43,846	2,671,965	1.41
07/22/04	14050.1	59,006	0	3,736,245	27,805	2,699,770	1.38
08/12/04	14553.6	59,510	0	3,777,215	40,970	2,740,740	1.36
08/26/04	14890.0	59,846	0	3,803,030	25,815	2,766,555	1.28
09/02/04	15058.1	60,014	0	3,811,977	8,947	2,775,502	0.89
09/16/04	15393.8	60,350	0	3,832,211	20,234	2,795,736	1.00
10/07/04	15901.5	60,858	0	3,867,732	35,521	2,831,257	1.17
10/21/04	16235.3	61,191	1	3,891,217	23,485	2,854,742	1.17
11/04/04	16572.1	61,528	0	3,917,240	26,023	2,880,765	1.29
11/18/04	16908.1	61,864	0	3,942,990	25,750	2,906,515	1.28
12/02/04	17242.2	62,198	1	3,967,880	24,890	2,931,405	1.24
12/16/04	17578.6	62,535	0	3,994,102	26,222	2,957,627	1.30
12/30/04	17915.0	62,871	0	4,020,937	26,835	2,984,462	1.33
01/05/05	18062.2	63,018	0	4,033,820	12,883	2,997,345	1.46
01/19/05	18396.1	63,352	1	4,063,602	29,782	3,027,127	1.49
02/02/05	18733.5	63,690	0	4,091,628	28,026	3,055,153	1.38
02/16/05	19068.0	64,024	0	4,117,922	26,294	3,081,447	1.31
03/02/05	19405.9	64,362	0	4,146,956	29,034	3,110,481	1.43
03/16/05	19740.7	64,697	0	4,175,328	28,372	3,138,853	1.41
03/30/05	20072.4	65,028	1	4,203,345	28,017	3,166,870	1.41
04/07/05	20262.7	65,219	1	4,219,430	16,085	3,182,955	1.41
REPORTING PERIOD:						3/2/05 to 4/07/05	
PERIOD AVERAGE FLOW RATE (gpm):							1.42
PERIOD VOLUME DISCHARGED (gallons):							101,508

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

gpm = Gallons per minute

N/A = Not available or not applicable

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.
- j. System was down upon arrival due pump overload. Pump was pulled for cleaning and inspection
- k. Downtime calculated by the following: $100 - \left[\frac{\text{Hours Running in Period}}{\text{Days in Reporting Period}} \times (24 \text{ hours/day}) \right]$
- l. Data from 11/6/03 site visit is unavailable.

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

Date Sampled	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon)										
09/26/91	38	4.8	0.6	1.6	1.1	NS	NS	NS	NA	NA
10/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
11/22/91	ND<30	0.52	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
12/19/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
01/16/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
02/19/92	370	14	0.34	14	2.4	NS	NS	NS	NA	NA
03/17/92	160	18	0.32	0.56	1.6	NS	NS	NS	NA	NA
04/15/92	200	11	ND<0.3	7.3	0.77	NS	NS	NS	NA	NA
05/14/92	45	1.4	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
06/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
07/14/92	97	25	ND<0.5	8.5	ND<0.5	NS	NS	NS	NA	NA
08/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
09/15/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
10/16/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
12/17/92	96	7.7	13	0.56	9.7	NS	NS	NS	NA	NA
01/18/93	100	13	6.6	1.1	11	NS	NS	NS	NA	NA
02/22/93	480	36	29	4.9	96	NS	NS	NS	NA	NA
03/15/93	310	29	14	4.9	55	NS	NS	NS	NA	NA
04/09/93	140	11	2.8	2.6	17	NS	NS	NS	NA	NA
05/13/93	530	27	12	18	96	NS	NS	NS	NA	NA
06/04/93	170	5.2	1.6	2.5	23	NS	NS	NS	NA	NA
07/20/93	200	12	0.91	8.2	29	NS	NS	NS	NA	NA
08/16/93	150	4.9	0.63	2.9	15	NS	NS	NS	NA	NA
09/13/93	80	2.2	ND<0.5	ND<0.5	4.8	NS	NS	NS	NA	NA
10/08/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/19/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
12/21/93	73	3.5	ND<0.5	1.9	8.4	NS	NS	NS	NA	NA
01/18/94	60	3.1	ND<0.5	3.2	4.3	NS	NS	NS	NA	NA
02/17/94	ND<50	2.5	ND<0.5	2.1	3.1	NS	NS	NS	NA	NA
03/15/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
04/21/94	110	7.8	ND<1.0	9.6	ND<1.0	NS	NS	NS	NA	NA
05/13/94	230	8.3	ND<0.5	14	6	NS	NS	NS	NA	NA
06/14/94	230	12	ND<0.5	16	1.5	NS	NS	NS	NA	NA
07/14/94	270	6.9	ND<0.5	15	1.9	NS	NS	NS	NA	NA
08/18/94	ND<50	1.8	ND<0.5	1.5	ND<0.5	NS	NS	NS	NA	NA
09/12/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
10/18/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/05/94	ND<50	0.66	ND<0.5	2.6	ND<0.5	NS	NS	NS	NA	NA
12/05/94	470	32	0.59	29	6.2	NS	NS	NS	NA	NA
01/04/95	ND<50	1.1	ND<0.50	1.4	ND<0.50	NS	NS	NS	NA	NA
02/06/95	100	2.4	1.1	1.2	2.8	NS	NS	NS	NA	NA
03/02/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
04/04/95	290	6.6	ND<0.50	10	1.7	NS	NS	NS	NA	NA
05/02/95	240	7.1	ND<0.50	3.2	1.6	NS	NS	NS	NA	NA
06/05/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
07/06/95	270	2.4	ND<0.50	7.6	1	NS	NS	NS	NA	NA
08/21/95	230	1.8	ND<0.50	1.6	0.92	NS	NS	NS	NA	NA
06/05/00	700	7.24	ND<1.00	2.11	ND<1.00	361	NS	NS	NA	NA
07/08/00	133	5.09	0.598	ND<0.500	ND<0.500	272	NS	NS	NA	NA
08/10/00	144	2.8	ND<0.500	1.04	ND<0.500	126	NS	NS	NA	NA
09/08/00	261	2.74	0.826	0.626	ND<0.500	120	NS	NS	NA	NA
10/10/00	114	ND<0.500	1.68	0.843	ND<0.500	ND<2.50	NS	NS	NA	NA
11/07/00	128	ND<0.500	ND<0.500	ND<0.500	ND<0.500	98.6	NS	NS	NA	NA
12/05/00	167	0.775	ND<0.500	ND<0.500	ND<0.500	104	NS	NS	NA	NA
01/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	86.8	NS	NS	NA	NA
02/06/01	203	0.572	ND<0.500	0.513	ND<0.500	80.5	NS	NS	NA	NA

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

Date Sampled	TPH-g/GRO (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	ND<0.500	6.16	1.21	0.682	81	NS	NS	NA	NA
04/18/01	74.5	ND<0.500	ND<0.500	ND<0.500	ND<0.500	97.5	NS	NS	NA	NA
05/04/01	63.3	ND<0.500	ND<0.500	ND<0.500	ND<0.500	93.2	NS	NS	NA	NA
06/09/01	64	ND<0.50	ND<0.50	ND<0.50	ND<0.50	71	NS	NS	NA	NA
07/05/01	100	ND<0.50	2.5	ND<0.50	ND<0.50	430	NS	NS	NA	NA
08/14/01	290	2.2	3.5	ND<1.0	ND<1.0	870	NS	NS	NA	NA
09/05/01	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<1.0	340	NS	NS	NA	NA
10/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	150	NS	NS	NA	NA
11/13/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	92	NS	NS	NA	NA
12/11/01	65	ND<0.50	0.58	ND<0.50	ND<0.50	83	NS	NS	NA	NA
01/04/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	NS	NS	NA	NA
02/05/02	100	ND<0.50	ND<0.50	ND<0.50	ND<0.50	190	NS	NS	NA	NA
03/05/02	150	ND<1.2	ND<1.2	ND<1.2	ND<1.2	350	NS	NS	NA	NA
04/08/02	400	9.6	ND<1.0	1.4	ND<1.0	260	NS	NS	NA	NA
05/16/02	310	ND<1.0	ND<1.0	ND<1.0	ND<1.0	330	NS	NS	NA	NA
10/07/02	160	4.1	ND<1.0	ND<1.0	ND<1.0	130	NS	NS	NA	NA
11/07/02	250	ND<0.50	10	0.7	0.77	210	NS	NS	NA	NA
12/05/02	220	ND<1.0	ND<1.0	ND<1.0	ND<1.0	110	NS	NS	NA	NA
01/03/03	170	ND<1.0	ND<1.0	ND<1.0	ND<1.0	140	NS	NS	NA	NA
2/13/03 ^a	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	66	NS	NS	NA	NA
3/27/03 ^a	110	ND<0.50	ND<0.50	ND<0.50	ND<0.50	71	NS	NS	NA	NA
4/24/03 ^a	120	ND<0.50	ND<0.50	ND<0.50	ND<0.50	56	NS	NS	NA	NA
5/30/03 ^a	20	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<50	NS	NS	NA	NA
06/19/03	160	ND<0.50	ND<0.50	ND<0.50	ND<0.50	46	NS	NS	NA	NA
07/24/03	51	ND<0.50	ND<0.50	ND<0.50	ND<0.50	41 (47) ^b	NS	NS	NA	NA
08/28/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	30 (40) ^b	NS	NS	NA	NA
09/25/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	28	NS	NS	NA	NA
10/23/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	28 (28) ^b	NS	NS	NA	NA
11/20/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	22	NS	NS	NA	NA
12/18/03	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	27	NS	NS	NA	NA
01/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	27	NS	NS	NA	NA
02/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	25	NS	NS	NA	NA
03/18/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	27	NS	NS	NA	NA
04/07/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	25	NS	NS	NA	NA
04/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	19	NS	NS	NA	NA
05/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	19	NS	NS	NA	NA
06/16/04	63	ND<0.50	ND<0.50	ND<0.50	ND<1.0	20	NS	NS	NA	NA
07/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	15	NS	NS	NA	NA
08/26/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	23	NS	NS	NA	NA
09/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	18	NS	NS	NA	NA
10/21/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	17	NS	NS	NA	NA
11/18/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	14	NS	NS	NA	NA
12/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	15	NS	NS	NA	NA
01/19/05	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	19	NS	NS	NA	NA
02/16/05	ND<50 ^c	ND<0.50	ND<0.50	ND<0.50	ND<1.0	29	NS	NS	NA	NA
03/16/05	56 ^c	ND<0.50	ND<0.50	ND<0.50	ND<1.0	21	NS	NS	NA	NA

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

Date Sampled	TPH-g/GRO (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons)										
09/26/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
10/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
12/19/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
01/16/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
02/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
03/17/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
04/15/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
05/14/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
06/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
07/14/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
08/18/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
09/15/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
10/16/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
11/18/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
12/17/92	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
01/18/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
02/22/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
03/15/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
04/09/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
05/13/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
06/04/93	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
07/14/94	ND	ND	ND	ND	ND	NS	NS	NS	NA	NA
08/17/94	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
09/12/94	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
10/18/94	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
11/05/94	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
12/05/94	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
01/04/95	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
02/06/95	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
03/02/95	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
06/05/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
07/08/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
08/10/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<5.00	NS	NS	NA	NA
09/08/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
10/10/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
11/07/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
12/05/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
01/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
02/06/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
03/08/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
04/18/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
05/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
06/09/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
07/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
08/14/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
09/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
10/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
11/13/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.3	NS	NS	NA	NA
12/11/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.7	NS	NS	NA	NA
01/04/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	9	NS	NS	NA	NA
02/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	26	NS	NS	NA	NA
03/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17	NS	NS	NA	NA
04/08/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	39	NS	NS	NA	NA
05/16/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	58	NS	NS	NA	NA
10/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	55	NS	NS	NA	NA
11/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	100	NS	NS	NA	NA
12/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	51	NS	NS	NA	NA

Table 2
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Date Sampled	TPH-g/GRO (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 (cont.)										
01/03/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	66	NS	NS	NA	NA
2/13/03 ^a	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	130	NS	NS	NA	NA
3/27/03 ^a	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	120	NS	NS	NA	NA
4/24/03 ^a	280	ND<2.5	ND<2.5	ND<2.5	ND<2.5	110	NS	NS	NA	NA
5/30/03 ^a	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	140	NS	NS	NA	NA
06/19/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	NS	NS	NA	NA
07/24/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
08/28/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
09/25/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
10/23/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5 (1.3) ^b	NS	NS	NA	NA
11/20/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.1	NS	NS	NA	NA
12/18/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.2	NS	NS	NA	NA
01/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.3	NS	NS	NA	NA
02/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.2	NS	NS	NA	NA
03/18/04	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.4	NS	NS	NA	NA
04/07/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.5	NS	NS	NA	NA
04/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.3	NS	NS	NA	NA
05/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.0	NS	NS	NA	NA
06/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.8	NS	NS	NA	NA
07/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.6	NS	NS	NA	NA
08/26/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.2	NS	NS	NA	NA
09/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.1	NS	NS	NA	NA
10/21/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.0	NS	NS	NA	NA
11/18/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.5	NS	NS	NA	NA
12/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1.9	NS	NS	NA	NA
01/19/05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.2	NS	NS	NA	NA
02/16/05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.9	NS	NS	NA	NA
03/16/05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	2.5	NS	NS	NA	NA

Table 2
Treatment System Analytical Data
 ARCO Service Station #0608
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Date Sampled	TPH-g/GRO (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	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
07/08/00	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
09/08/00	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
10/10/00	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
11/07/00	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
12/05/00	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA
01/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
02/06/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
03/08/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
04/18/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
05/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	NA	NA
06/09/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
07/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
08/14/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
09/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
10/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
11/13/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
12/11/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
01/04/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
02/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
03/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
04/08/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.7	NS	NS	NA	NA
05/16/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
10/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
11/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
12/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
01/03/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
2/13/03 ^a	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1	NS	NS	NA	NA
3/27/03 ^a	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.94	NS	NS	NA	NA
4/24/03 ^a	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.95	NS	NS	NA	NA
5/30/03 ^a	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.1	NS	NS	NA	NA
06/19/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
07/24/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
08/28/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
09/25/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
10/23/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5 (<0.5) ^b	NS	NS	NA	NA
11/20/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
12/18/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
01/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
02/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
03/18/04	86	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
04/07/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
04/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
05/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
06/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
07/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
08/26/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
09/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
10/21/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
11/18/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
12/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
01/19/05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
02/16/05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
03/16/05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA

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

Date Sampled	TPH-g/GRO (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)
09/26/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
10/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
11/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
12/19/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
01/16/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
02/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
03/17/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
04/15/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
05/14/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
06/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	NA
07/14/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
08/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
09/15/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
10/16/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
12/17/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
01/18/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
02/22/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
03/15/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
04/09/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
05/13/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
06/04/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
07/20/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
08/16/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
09/13/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
10/08/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/19/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
12/21/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
01/18/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
02/17/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
03/15/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
04/21/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
05/13/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
06/14/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
07/14/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
08/17/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
09/12/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
10/18/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
11/05/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
12/05/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NS	NS	NS	NA	NA
01/04/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
02/06/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
03/02/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
04/04/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
05/02/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
06/05/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
07/06/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
08/21/95	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	NS	NS	NS	NA	NA
06/05/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	NS	NS	7.19	NA
06/12/00	ND<50.0	NS	NS	NS	NS	NS	NS	NS	NA	NA
07/08/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	32.1	ND<10.0	7.08	NA
08/10/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<5.00	23.4	ND<10.0	6.67	NA
09/08/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	29.2	ND<10.0	6.82	NA
10/10/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	ND<10.0	7.25	NA
11/07/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	ND<10.0	7.24	NA
12/05/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	44	ND<10.0	7.48	NA
01/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	ND<10.0	7.00	NA

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

Date Sampled	TPH-g/GRO (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.)										
02/06/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	10.7	7.03	NA
03/08/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	ND<10.0	7.04	NA
04/18/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	28.5	ND<10.0	7.06	NA
05/04/01	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<2.50	ND<20.0	ND<10.0	7.31	NA
06/09/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	34	ND<10	7.05	NA
07/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	7.10	NA
08/14/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	14	7.09	NA
09/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	70	ND<10	7.07	NA
10/05/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	55	ND<10	6.89	NA
11/13/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	150	ND<10	6.98	NA
12/11/01	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	34	ND<10	7.01	NA
01/04/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	52	ND<10	7.22	NA
02/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	6.91	NA
03/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	6.77	NA
04/08/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	6.52	NA
05/16/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	6.60	NA
10/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	NS	NS	NA	NA
11/07/02	ND<50	ND<0.50	ND<0.50	ND<0.50	0.74	ND<2.5	ND<30	ND<10	7.80	NA
12/05/02	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<30	ND<10	7.40	0.27
01/03/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<30	ND<10	7.50	NA
2/13/03 ^a	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<30	ND<10	7.15	0.12
3/27/03 ^a	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	32	ND<10	7.50	0.08
4/24/03 ^a	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<30	ND<10	6.95	10.23
5/30/03 ^a	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<30	ND<10	6.95	NA
06/19/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	7.02	9.75
07/24/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	7.07	3.00
08/28/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	7.03	2.12
09/25/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<20	ND<10	6.79	2.70
10/23/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5 (<0.5) ^b	ND<20	ND<10	6.82	3.45
11/20/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<30	ND<10	6.94	0.84
12/18/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	ND<10	7.01	0.94
01/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	ND<10	7.12	0.85
02/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	10	6.57	3.82
03/18/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	ND<10	7.08	0.97
04/07/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	NS	NS	NA	NA
04/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	27	ND<10	6.69	1.64
05/19/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	20	13	6.50	1.40
06/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	ND<10	6.79	0.75
07/22/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	ND<10	6.81	1.09
08/26/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<30	19	7.20	1.20
09/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<30	ND<10	7.20	1.20
10/21/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	ND<10	6.89	2.60
11/18/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	14	6.95	0.34
12/16/04	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<20	ND<10	6.92	2.00
01/19/05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<30	ND<10	6.78	1.26
02/16/05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<30	ND<20	6.61	2.01
03/16/05	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<30	ND<20	6.48	0.75

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

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

Footnotes:

a =Analyzed with EPA Method 8260

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

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

Notes:

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

Beginning in the Fourth Quarter 2003, the laboratory modified the reported analyte list. Total Petroleum Hydrocarbons as Gasoline (TPHg) 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.

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

ATTACHMENT A

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

URS-Oakland, CA

April 01, 2005

1333 Broadway, Suite 800
Oakland, CA 94612

Attn.: Scott Robinson

Project#: 38487015

Project: Station 608

Site: 17601 Hesperian Blvd., San Lorenzo

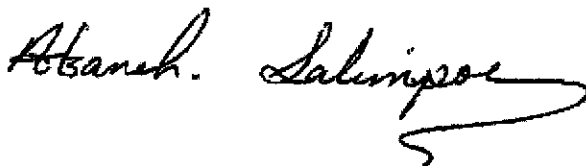
Attached is our report for your samples received on 03/18/2005 16:10
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
05/02/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,
please call me at (925) 484-1919.

You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EFFL	03/16/2005 13:00	Water	4

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/25/2005 19:15

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s):	160.2	Test(s):	160.2
Sample ID:	EFFL	Lab ID:	2005-03-0650 - 4
Sampled:	03/16/2005 13:00	Extracted:	3/22/2005 12:40
Matrix:	Water	QC Batch#:	2005/03/22-01.29

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
TSS	ND	20	mg/L	1.00	03/23/2005 08:27	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/25/2005 19:15

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 160.2

Method Blank

MB: 2005/03/22-01.29-001

Water

Test(s): 160.2

QC Batch # 2005/03/22-01.29

Date Extracted: 03/22/2005 12:40

Compound	Conc.	RL	Unit	Analyzed	Flag
TSS	ND	20	mg/L	03/23/2005 08:11	

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 160.2

Test(s): 160.2

Laboratory Control Spike

Water

QC Batch # 2005/03/22-01.29

LCS 2005/03/22-01.29-002

Extracted: 03/22/2005

Analyzed: 03/23/2005 08:13

LCSD 2005/03/22-01.29-003

Extracted: 03/22/2005

Analyzed: 03/23/2005 08:12

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
TSS	855	931	1000	85.5	93.1	8.5	80-120	20		

Sewern Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/25/2005 19:15

Page 4 of 4

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF	03/16/2005 13:20	Water	1
MID-1	03/16/2005 13:15	Water	2
MID-2	03/16/2005 13:10	Water	3
EFFL	03/16/2005 13:00	Water	4

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/30/2005 13:21

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s): 5030B	Test(s): 8260B
Sample ID: INF	Lab ID: 2005-03-0650 - 1
Sampled: 03/16/2005 13:20	Extracted: 3/29/2005 15:27
Matrix: Water	QC Batch#: 2005/03/29-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	56	50	ug/L	1.00	03/29/2005 15:27	LW
Benzene	ND	0.50	ug/L	1.00	03/29/2005 15:27	
Toluene	ND	0.50	ug/L	1.00	03/29/2005 15:27	
Ethylbenzene	ND	0.50	ug/L	1.00	03/29/2005 15:27	
Total xylenes	ND	1.0	ug/L	1.00	03/29/2005 15:27	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	03/29/2005 15:27	
Methyl tert-butyl ether (MTBE)	21	0.50	ug/L	1.00	03/29/2005 15:27	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	03/29/2005 15:27	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	03/29/2005 15:27	
tert-Amyl methyl ether (TAME)	1.1	0.50	ug/L	1.00	03/29/2005 15:27	
Surrogate(s)						
1,2-Dichloroethane-d4	99.3	73-130	%	1.00	03/29/2005 15:27	
Toluene-d8	101.1	81-114	%	1.00	03/29/2005 15:27	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

03/30/2005 13:21

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s): 5030B	Test(s): 8260B
Sample ID: MID-1	Lab ID: 2005-03-0650 - 2
Sampled: 03/16/2005 13:15	Extracted: 3/29/2005 16:46
Matrix: Water	QC Batch#: 2005/03/29-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	03/29/2005 16:46	
Benzene	ND	0.50	ug/L	1.00	03/29/2005 16:46	
Toluene	ND	0.50	ug/L	1.00	03/29/2005 16:46	
Ethylbenzene	ND	0.50	ug/L	1.00	03/29/2005 16:46	
Total xylenes	ND	1.0	ug/L	1.00	03/29/2005 16:46	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	03/29/2005 16:46	
Methyl tert-butyl ether (MTBE)	2.5	0.50	ug/L	1.00	03/29/2005 16:46	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	03/29/2005 16:46	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	03/29/2005 16:46	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	03/29/2005 16:46	
Surrogate(s)						
1,2-Dichloroethane-d4	114.2	73-130	%	1.00	03/29/2005 16:46	
Toluene-d8	100.0	81-114	%	1.00	03/29/2005 16:46	

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

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Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s): 5030B	Test(s): 8260B
Sample ID: MID-2	Lab ID: 2005-03-0650 - 3
Sampled: 03/16/2005 13:10	Extracted: 3/29/2005 17:08
Matrix: Water	QC Batch#: 2005/03/29-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	03/29/2005 17:08	
Benzene	ND	0.50	ug/L	1.00	03/29/2005 17:08	
Toluene	ND	0.50	ug/L	1.00	03/29/2005 17:08	
Ethylbenzene	ND	0.50	ug/L	1.00	03/29/2005 17:08	
Total xylenes	ND	1.0	ug/L	1.00	03/29/2005 17:08	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	03/29/2005 17:08	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	03/29/2005 17:08	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	03/29/2005 17:08	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	03/29/2005 17:08	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	03/29/2005 17:08	
Surrogate(s)						
1,2-Dichloroethane-d4	112.3	73-130	%	1.00	03/29/2005 17:08	
Toluene-d8	100.9	81-114	%	1.00	03/29/2005 17:08	

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Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

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Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Prep(s):	5030B	Test(s):	8260B
Sample ID:	EFFL	Lab ID:	2005-03-0650 - 4
Sampled:	03/16/2005 13:00	Extracted:	3/29/2005 19:29
Matrix:	Water	QC Batch#:	2005/03/29-2B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	03/29/2005 19:29	
Benzene	ND	0.50	ug/L	1.00	03/29/2005 19:29	
Toluene	ND	0.50	ug/L	1.00	03/29/2005 19:29	
Ethylbenzene	ND	0.50	ug/L	1.00	03/29/2005 19:29	
Total xylenes	ND	1.0	ug/L	1.00	03/29/2005 19:29	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	03/29/2005 19:29	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	03/29/2005 19:29	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	03/29/2005 19:29	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	03/29/2005 19:29	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	03/29/2005 19:29	
Surrogate(s)						
1,2-Dichloroethane-d4	108.6	73-130	%	1.00	03/29/2005 19:29	
Toluene-d8	103.4	81-114	%	1.00	03/29/2005 19:29	

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Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2005/03/29-1B.64-045

Water

Test(s): 8260B

QC Batch # 2005/03/29-1B.64

Date Extracted: 03/29/2005 07:45

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	03/29/2005 07:45	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	03/29/2005 07:45	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	03/29/2005 07:45	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	03/29/2005 07:45	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	03/29/2005 07:45	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	03/29/2005 07:45	
Benzene	ND	0.5	ug/L	03/29/2005 07:45	
Toluene	ND	0.5	ug/L	03/29/2005 07:45	
Ethylbenzene	ND	0.5	ug/L	03/29/2005 07:45	
Total xylenes	ND	1.0	ug/L	03/29/2005 07:45	
Surrogates(s)					
1,2-Dichloroethane-d4	91.8	73-130	%	03/29/2005 07:45	
Toluene-d8	99.8	81-114	%	03/29/2005 07:45	

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Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2005/03/29-2B.64-001

Water

Test(s): 8260B
QC Batch # 2005/03/29-2B.64
Date Extracted: 03/29/2005 19:01

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	03/29/2005 19:01	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	03/29/2005 19:01	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	03/29/2005 19:01	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	03/29/2005 19:01	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	03/29/2005 19:01	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	03/29/2005 19:01	
Benzene	ND	0.5	ug/L	03/29/2005 19:01	
Toluene	ND	0.5	ug/L	03/29/2005 19:01	
Ethylbenzene	ND	0.5	ug/L	03/29/2005 19:01	
Total xylenes	ND	1.0	ug/L	03/29/2005 19:01	
Surrogates(s)					
1,2-Dichloroethane-d4	89.4	73-130	%	03/29/2005 19:01	
Toluene-d8	98.8	81-114	%	03/29/2005 19:01	

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Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

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Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/03/29-1B.64

LCS 2005/03/29-1B.64-023

Extracted: 03/29/2005

Analyzed: 03/29/2005 07:23

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	20.8		25	83.2			75-125	20		
Benzene	21.2		25	84.8			76-124	20		
Toluene	23.0		25	92.0			80-120	20		
Surrogates(s)										
1,2-Dichloroethane-d4	467		500	93.4			73-130			
Toluene-d8	524		500	104.8			81-114			

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03/30/2005 13:21

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Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/03/29-2B.64

LCS 2005/03/29-2B.64-038

Extracted: 03/29/2005

Analyzed: 03/29/2005 18:38

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.6		25	94.4			75-125	20		
Benzene	25.3		25	101.2			76-124	20		
Toluene	27.2		25	108.8			80-120	20		
Surrogates(s)										
1,2-Dichloroethane-d4	459		500	91.8			73-130			
Toluene-d8	510		500	102.0			81-114			

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03/30/2005 13:21

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Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

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Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report			
Prep(s): 5030B			Test(s): 8260B
Matrix Spike (MS / MSD)	Water		QC Batch # 2005/03/29-1B.64
MS/MSD			Lab ID: 2005-03-0757 - 002
MS: 2005/03/29-1B.64-008	Extracted: 03/29/2005		Analyzed: 03/29/2005 09:08
			Dilution: 1.00
MSD: 2005/03/29-1B.64-030	Extracted: 03/29/2005		Analyzed: 03/29/2005 09:30
			Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	23.7	27.3	ND	25	94.8	109.2	14.1	75-125	20		
Benzene	25.2	29.0	ND	25	100.8	116.0	14.0	76-124	20		
Toluene	26.7	31.6	ND	25	106.8	126.4	16.8	80-120	20		LM,AY
Surrogate(s)											
1,2-Dichloroethane-d4	483	483		500	96.6	96.6		73-130			
Toluene-d8	520	527		500	104.0	105.4		81-114			

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03/30/2005 13:21

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA
Attn.: Scott Robinson

1333 Broadway, Suite 800
Oakland, CA 94612
Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015
Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Batch QC Report

Prep(s): 5030B Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/03/29-2B.64**

MS/MSD **Lab ID: 2005-03-0659 - 001**

MS: 2005/03/29-2B.64-058 **Extracted: 03/29/2005** **Analyzed: 03/29/2005 20:58**

Dilution: 1.00

MSD: 2005/03/29-2B.64-020 **Extracted: 03/29/2005** **Analyzed: 03/29/2005 21:20**

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	26.5	28.0	ND	25	106.0	112.0	5.5	75-125	20		
Benzene	26.6	27.3	ND	25	106.4	109.2	2.6	76-124	20		
Toluene	29.2	30.5	ND	25	116.8	122.0	4.4	80-120	20		LM,AY
Surrogate(s)											
1,2-Dichloroethane-d4	483	486		500	96.6	97.2		73-130			
Toluene-d8	512	510		500	102.4	102.0		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

Phone: (510) 893-3600 Fax: (510) 874-3268

Project: 38487015

Station 608

Received: 03/18/2005 16:10

Site: 17601 Hesperian Blvd., San Lorenzo

Legend and Notes

Result Flag

LM,AY

LM=MS and/or MSD above acceptance limits. See Blank Spike(LCS).

LW

Quantit. of unknown hydrocarbon(s) in sample based on gasoline



2005-03-0650

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): 4/1/05
 (14-day TAT)

103629 Page 1 of 1

On-site Time: 1230	Temp: 72
Off-site Time: 1330	Temp: 72
Sky Conditions: Sunny	
Metereological Events: None	
Wind Speed: ~10	Direction: ~10

Lab Name: STL-SF (Pleasanton)	BP/AR Facility No.: Station 608	Consultant/Contractor: URS Oakland
Address: 1220 Quarry Lane Pleasanton CA	BP/AR Facility Address: 17601 Hesperian Blvd, San Lorenzo	Address: 1333 Broadway, Suite 800 Oakland CA 94612
Lab PM: Afsaneh Sahimpour	California Global ID No.: T000100085	Consultant/Contractor Project No.: 38487015
Tele/Fax: 925.484.1919/925.484.1096	Enfos Project No.: GOC24-0005	Consultant/Contractor PM: Scott Robinson
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.893.3600/510.874.3268
Address: P.O. Box 6549 Moraga CA 94570	Phase/WBS: 03 - O&M	Report Type & QC Level: Level 1 and EDF
Tele/Fax: 925.299.8891/925.299.8872	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Donna.Casper@urscorp.com
	Cost Element: 05 - Subcontractor Costs	Invoiced to: Consultant or BP or Atlantic Richfield Co. (circle one)

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis			Sample Point Lat/Long and Comments	
				Solid	Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	BTEX/OPY/TPH (8260)	COD (410-4)	TSS (60.2)		
1	INF	1320	3/16	X				3			X							
2	MID-1	1315	3/16	X				3			X							
3	MID-2	1310	3/16	X				3			X							
4	BFPL	1500	3/16	X				3			X							
5	BFPL	1500	3/16	X				1	X						X			
6	BFPL	1300	3/16	X				1	X					X				
7	TRIP BLANK	1230	3/16	X				3			X							on hold
8																		
9																		
10																		

Sampler's Name: <u>George BRANSNALL</u>	Rel. Released By / Affiliation: <u>[Signature]</u>	Date: <u>3/17/05</u>	Time: <u>1200</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>3-17-05</u>	Time: <u>1300</u>
Sampler's Company: <u>URS CORP</u>						
Shipment Date: <u>3/17/05</u>						
Shipment Method: <u>SAC-STL</u>						
Shipment Tracking No:						

Special Instructions:

Custody Seals In Place Yes No Temp Blank Yes No Cooler Temperature on Receipt 2 °F(C) Trip Blank Yes No

ATTACHMENT B

OPERATION AND MAINTENANCE FIELD LOGS

Date: 4/7/05

Groundwater Extraction & Treatment System
ARCO Service Station 0608
17601 Hesperian Boulevard
38486314.0L041
August 14, 2003

System Description:

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

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

PART A: SYSTEM DATA (Semi-Monthly)

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

ELECTRIC METER READING (kw hrs)	<u>42383</u>	HOUR METER READING (hrs)	<u>20262.7</u>
---------------------------------	--------------	--------------------------	----------------

MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	20262.7 <u>4,219,415</u>	<u>4,219,430</u>
FILTER INLET PRESSURE (psig)	<u>20.0</u>	(ideal range: 8 to 12 psig)
CARBON #1 INLET PRESSURE (psig)	<u>17.1</u>	(ideal range: 5 to 9 psig)
CARBON #2 INLET PRESSURE (psig)	<u>10.0</u>	(ideal range: 1 to 4 psig)
<u>#3</u> DISCHARGE PRESSURE (psig)	<u>4.5</u>	(ideal range: 0 to 2 psig)
DISCHARGE PRESSURE (psig)	<u>0</u>	(ideal range: 0 to 2 psig)

PART B: COMMENTS _____

RECEIVED
 APR 03 2005
 BP UNIT

56
04/08/05

PART C: WELL DATA (Monthly)

* ALLOW SYSTEM TO RUN 1 HOUR BEFORE OBTAINING DTW READINGS

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

PART D: SAMPLING (Monthly)

To be collected 4/2/05

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

PART E: READINGS (Monthly)

To be collected 4/2/05

EFFLUENT	TEMP (°F)	CONDUCTIVITY (umhos)	pH (units)	DISSOLVED OXYGEN (ppm)

PART F: SYSTEM MAINTENANCE I (Monthly)

NUMBER OF SPARE FILTERS ON SITE?	0	CHANGE FILTERS? (if necessary)	Yes
PUMP AMP DRAW	N/A	H2O2 injection well EA-1 (if necessary)	N/A
SWEEP ENCLOSURE	No		

PART G: SYSTEM MAINTENANCE II (Quarterly)

TEST ALARM SWITCHES	Yes	BACKFLUSH CARBONS	N/A
CLEAN TOTALIZERS	No		

Date: 3/30/05

Groundwater Extraction & Treatment System
ARCO Service Station 0608
17601 Hesperian Boulevard
38486314.0L041
August 14, 2003

System Description:

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

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

PART A: SYSTEM DATA (Semi-Monthly)

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

ELECTRIC METER READING (kw hrs)	<u>42275</u>	HOUR METER READING (hrs)	<u>20072.4</u>
------------------------------------	--------------	-----------------------------	----------------

MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	<u>4,203,345</u>	<u>4,203,3⁶¹45</u>
FILTER INLET PRESSURE (psig)	<u>18.5</u>	(ideal range: 8 to 12 psig)
CARBON #1 INLET PRESSURE (psig)	<u>16.1</u>	(ideal range: 5 to 9 psig)
CARBON #2 INLET PRESSURE (psig)	<u>9.5</u>	(ideal range: 1 to 4 psig)
<u>#3</u> DISCHARGE PRESSURE (psig)	<u>4.0</u>	(ideal range: 0 to 2 psig)
DISCHARGE PRESSURE (psig)	<u>0</u>	(ideal range: 0 to 2 psig)

PART B: COMMENTS HASP Signal 7/03
Permit Fixed to Me 8/03 No exp. date found.
No O&M Manual

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PART C: WELL DATA (Monthly)

* ALLOW SYSTEM TO RUN 1 HOUR BEFORE OBTAINING DTW READINGS

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

PART D: SAMPLING (Monthly)

SAMPLE	ANALYSIS	COMPLETED
INFLUENT	TPH-gasoline, BTEX compounds, MtBE	3/16
EFFLUENT	TPH-gasoline, BTEX compounds, MtBE COD, TSS	3/16
MID-1	TPH-gasoline, BTEX compounds, MtBE	3/16
MID-2	TPH-gasoline, BTEX compounds, MtBE	3/16

PART E: READINGS (Monthly)

Collected 3/16/05

EFFLUENT	TEMP (°F)	CONDUCTIVITY (umhos)	pH (units)	DISSOLVED OXYGEN (ppm)

PART F: SYSTEM MAINTENANCE I (Monthly)

NUMBER OF SPARE FILTERS ON SITE?	0	CHANGE FILTERS? (if necessary)	No
PUMP AMP DRAW	N/A	H2O2 injection well EA-1 (if necessary)	N/A
SWEEP ENCLOSURE	N/A		

PART G: SYSTEM MAINTENANCE II (Quarterly)

TEST ALARM SWITCHES	Yes	BACKFLUSH CARBONS	N/A
CLEAN TOTALIZERS	Yes		

Date: 3/16/05

Groundwater Extraction & Treatment System
ARCO Service Station 0608
17601 Hesperian Boulevard
38486314.0L041
August 14, 2003

System Description:

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

Carbon Vessels: Three ASC-2.400
 Filter: Rosedale P2 25 micron

PART A: SYSTEM DATA (Semi-Monthly)

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

ELECTRIC METER READING (kw hrs)	<u>42085</u>	HOUR METER READING (hrs)	<u>19740.7</u>
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MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	<u>4,175,328</u>	<u>4,175,364</u>
FILTER INLET PRESSURE (psig)	<u>19</u> 17 15	(ideal range: 8 to 12 psig)
CARBON #1 INLET PRESSURE (psig)	<u>14.5</u>	(ideal range: 5 to 9 psig)
CARBON #2 INLET PRESSURE (psig)	<u>9.6</u>	(ideal range: 1 to 4 psig)
DISCHARGE PRESSURE (psig)	<u>0</u>	(ideal range: 0 to 2 psig)

PART B: COMMENTS

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PART C: WELL DATA (Monthly)

* ALLOW SYSTEM TO RUN 1 HOUR BEFORE OBTAINING DTW READINGS

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

PART D: SAMPLING (Monthly)

SAMPLE	ANALYSIS	COMPLETED
INFLUENT	TPH-gasoline, BTEX compounds, MtBE	3/16
EFFLUENT	TPH-gasoline, BTEX compounds, MtBE COD, TSS	3/16
MID-1	TPH-gasoline, BTEX compounds, MtBE	3/16
MID-2	TPH-gasoline, BTEX compounds, MtBE	3/16

PART E: READINGS (Monthly)

EFFLUENT	TEMP (°F)	CONDUCTIVITY (umhos)	pH (units)	DISSOLVED OXYGEN (ppm)
	21.7°C	1111 uS	6.48	0.75

PART F: SYSTEM MAINTENANCE I (Monthly)

NUMBER OF SPARE FILTERS ON SITE?	0	CHANGE FILTERS? (if necessary)	No
PUMP AMP DRAW	N/A	H2O2 injection well EA-1 (if necessary)	N/A
SWEEP ENCLOSURE	No		

PART G: SYSTEM MAINTENANCE II (Quarterly)

TEST ALARM SWITCHES	Yes	BACKFLUSH CARBONS	N/A
CLEAN TOTALIZERS	Yes		



Chain of Custody Record

Project Name: Station 608 - O&M - Remediation
 BP BUAR Region/Enfos Segment: Retail
 State or Lead Regulatory Agency: Oro Loma Sanitary District
 Requested Due Date (mm/dd/yy): 4/1/05
 (14-day TAT)

On-site Time: 1230 Temp: 72
 Off-site Time: 1330 Temp: 72
 Sky Conditions: Sunny
 Meteorological Events: None
 Wind Speed: N/A Direction: N/A

Lab Name: <u>STL-SF (Pleasanton)</u>	BP/AR Facility No.: <u>Station 608</u>	Consultant/Contractor: <u>URS Oakland</u>
Address: <u>1220 Quarry Lane</u> <u>Pleasanton CA</u>	BP/AR Facility Address: <u>17601 Hesperian Blvd, San Lorenzo</u>	Address: <u>1333 Broadway, Suite 800</u> <u>Oakland CA 94612</u>
Lab PM: <u>Afsaneh Salimpour</u>	Site Lat/Long:	Consultant/Contractor Project No.: <u>38487015</u>
Tele/Fax: <u>925.484.1919/925.484.1096</u>	California Global ID No.: <u>T000100085</u>	Consultant/Contractor PM: <u>Scott Robinson</u>
BP/AR PM Contact: <u>Paul Supple</u>	Enfos Project No.: <u>G0C24-0005</u>	Tele/Fax: <u>510.893.3600/510.874.3268</u>
Address: <u>P.O. Box 6549</u> <u>Moraga CA 94570</u>	Provision or RCOP: <u>Provision</u>	Report Type & QC Level: <u>Level 1 and EDF</u>
Tele/Fax: <u>925.299.8891/925.299.8872</u>	Phase/WBS: <u>03 - O&M</u>	E-mail EDD To: <u>Donna.Cosper@urscorp.com</u>
	Sub Phase/Task: <u>03 - Analytical</u>	Invoice to: <u>Consultant or BP or Atlantic Richfield Co. (circle one)</u>
	Cost Element: <u>05 - Subcontractor Costs</u>	

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative				Requested Analysis				Sample Point Lat/Long and Comment
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	BTX/Ox/TPH (8260)	COD (410.4)	ISS (160.2)	
1	INF	1320	3/16	X				3			X						
2	MID-1	1315	3/16	X				3			X						
3	MID-2	1310	3/16	X				3			X						
4	BPFL	1300	3/16	X				3			X						
5	EPFL	1300	3/16	X				1	X				X				
6	EPFL	1300	3/16	X				1	X			X					
7	TRIP BLANK	1230	3/16	X				3			X						on hold
8																	
9																	
10																	

Sampler's Name: <u>Georgia BRANSHAW</u>	Relinquished By / Affiliation: <u>[Signature]</u>	Date: <u>3/16</u>	Time: <u>1300</u>	Accepted By / Affiliation: <u>[Signature]</u>	Date: <u>3-17-05</u>	Time: <u>1300</u>
Sampler's Company: <u>URS CORP</u>						
Shipment Date: <u>3/17/05</u>						
Shipment Method: <u>SAC-STL</u>						
Shipment Tracking No:						
Special Instructions:						

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

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

BP COC Rev. 4 10/1/04

Date: 3/2/05

Groundwater Extraction & Treatment System
ARCO Service Station 0608
17601 Hesperian Boulevard
38486314.0L041
August 14, 2003

System Description:

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

Carbon Vessels: Three ASC-2.400
 Filter: Rosedale P2 25 micron

PART A: SYSTEM DATA (Semi-Monthly)

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

ELECTRIC METER READING (kw hrs)	<u>41890</u>	HOUR METER READING (hrs)	<u>19,405.9</u>
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MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	<u>4,146,956</u>	<u>4,146,962</u>
FILTER INLET PRESSURE (psig)	<u>19.0</u>	(ideal range: 8 to 12 psig) <u>17.0</u>
CARBON #1 INLET PRESSURE (psig)	<u>16.1</u>	(ideal range: 5 to 9 psig) <u>14.0</u>
CARBON #2 INLET PRESSURE (psig)	<u>10.0</u>	(ideal range: 1 to 4 psig) <u>7.6</u>
<u>#3</u> DISCHARGE PRESSURE (psig)	<u>4.5</u>	<u>4.5</u> (ideal range: 0 to 2 psig)
	<u>0.5</u>	<u>0.5</u>

PART B: COMMENTS System Averaging 2,064 gallons per day.
(1.4 gpm)

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03/03/05

PART C: WELL DATA (Monthly)

* ALLOW SYSTEM TO RUN 1 HOUR BEFORE OBTAINING DTW READINGS

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

PART D: SAMPLING (Monthly)

To be Completed 3/16/05

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

PART E: READINGS (Monthly)

To be completed 3/16/05

EFFLUENT	TEMP (°F)	CONDUCTIVITY (umhos)	pH (units)	DISSOLVED OXYGEN (ppm)

PART F: SYSTEM MAINTENANCE I (Monthly)

NUMBER OF SPARE FILTERS ON SITE?	0	CHANGE FILTERS? (if necessary)	Yes
PUMP AMP DRAW	N/A	H202 injection well EA-1 (if necessary)	N/A
SWEEP ENCLOSURE	No		

PART G: SYSTEM MAINTENANCE II (Quarterly)

TEST ALARM SWITCHES	Yes	BACKFLUSH CARBONS	N/A
CLEAN TOTALIZERS	Yes		