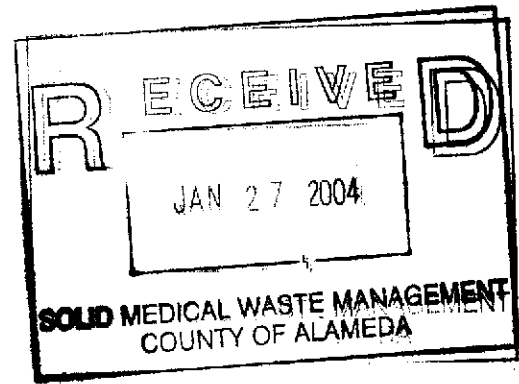


January 21, 2004

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



Re: Monthly Discharge Report – December 2003
Discharge Permit # SDP-037
ARCO Service Station #0608
17601 Hesperian Boulevard
San Lorenzo, California

Dear Mr. Carson:

On behalf of Atlantic Richfield Company (ARCO – a BP affiliated company), URS Corporation (URS) is operating a groundwater extraction and treatment (GWET) system at the site referenced above. This letter transmits GWET system operational data for the period between November 20 and December 18, 2003 (Tables 1 and 2). Operational parameters are summarized in the table shown below.

<i>Treatment System Status:</i>	<i>Operational</i>
<i>Reporting Period:</i>	11/20/03 to 12/18/03
<i>Period Volume Discharged:</i>	59,875 gallons
<i>Effluent pH Reading:</i>	7.01
<i>Period Flow Rate:</i>	1.49 gpm
<i>Analytical Reports:</i>	Attachment A
<i>O & M Field Information:</i>	Attachment B

DISCUSSION:

Monthly compliance samples were collected on December 18, 2003. TPH-g and MTBE were detected above the laboratory reporting limit in the influent at concentrations of 52 µg/L and 27 µg/L, respectively. None of the constituents of concern were detected above the laboratory reporting limits in the effluent.

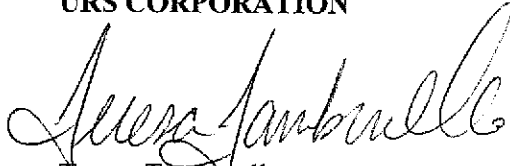
The inlet pressure in the first carbon vessel was relatively high during this month. During a site visit on December 18, 2003, a URS technician bled the air from the carbon vessels and the pressure decreased to the expected range. URS will continue to change the inlet filter on a biweekly basis and release air from the carbon vessels to keep pressures within the expected range.

URS Corporation
500 12th Street, Suite 200
Oakland, CA 94607-4014
Tel: 510.893.3600
Fax: 510.874.3268

If you have any questions regarding this project or require further information, please do not hesitate to call Teresa Tamburello at 510-874-3099.

Sincerely,

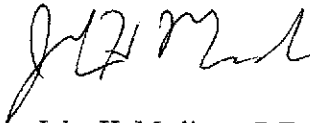
URS CORPORATION



Teresa Tamburello
Staff Engineer



Scott Robinson
Project Manager



John H. Madigan, P.E.



Attachments: Table 1 - Treatment System Metered Volume
Table 2 - Treatment System Analytical Data
Attachment A - Certified Analytical Report and Chain-of-Custody
Documentation, November 20, 2003
Attachment B - Operation and Maintenance Field Logs

cc: Mr. Paul Supple, ARCO, (electronic copy submitted to ENFOS)
Mr. Ron Sykora/Mr. Robert L. Webster, David D. Bohannon Organization, 60 Hillsdale Mall,
San Mateo, CA 94403
Mr. John Kaiser, Regional Water Quality Control Board - San Francisco Bay Region, 1515
Clay Street, Suite 1400, Oakland, CA 94612
Ms. eva chu, Alameda County Health Care Services Agency, 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 ^(K) (%)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)	
06/05/00	a 29,593		97	979,800	3,200	3,200	2.1	
06/19/00	29,896		10	1,052,390	72,590	75,790	4.0	
06/28/00	30,062		23	1,082,340	29,950	105,740	3.0	
07/08/00	30,352		0	1,131,560	49,220	154,960	2.8	
07/26/00	30,749		8	1,196,420	64,860	219,820	2.7	
08/07/00	30,955		28	1,228,020	31,600	251,420	2.6	
08/29/00	31,309		33	1,276,650	48,630	300,050	2.3	
09/08/00	31,528		9	1,306,300	29,650	329,700	2.3	
09/28/00	32,011		0	1,368,410	62,110	391,810	2.1	
10/28/00	32,638		13	1,444,183	75,773	467,583	2.0	
11/30/00	33,399		4	1,534,960	90,777	558,360	2.0	
12/28/00	33,761		46	1,576,520	41,560	599,920	1.9	
01/04/01	33,924		3	1,595,340	18,820	618,740	1.9	
02/06/01	34,556		20	1,672,330	76,990	695,730	2.0	
03/08/01	34,776		70	1,698,860	26,530	722,260	2.0	
03/24/01	35,088		19	1,741,170	42,310	764,570	2.3	
04/05/01	35,310		23	1,767,530	26,360	790,930	2.0	
04/18/01	35,335		92	1,770,860	3,330	794,260	2.3	
05/04/01	35,716		1	1,812,690	41,830	836,090	1.8	
06/09/01	36,345		27	1,879,710	67,020	903,110	1.8	
07/05/01	b 36,469		80	1,897,180	17,470	920,580	2.3	
07/28/01	36,821		36	1,928,250	31,070	951,650	1.5	
08/14/01	c 36,822		100	1,928,510	260	951,910	5.4	
09/05/01	37,219		25	1,977,050	48,540	1,000,450	2.0	
10/05/01	37,932		1	2,040,950	63,900	1,064,350	1.5	
11/13/01	38,820		5	2,119,670	78,720	1,143,070	1.5	
12/11/01	39,496		0	2,186,530	66,860	1,209,930	1.6	
01/04/02	40,063		2	2,248,700	62,170	1,272,100	1.8	
01/31/02	40,716		0	2,321,310	72,610	1,344,710	1.9	
02/05/02	40,830		5	2,333,090	11,780	1,356,490	1.7	
02/25/02	40,831		100	2,333,270	180	1,356,670	1.7	
03/05/02	40,968		29	2,353,460	20,190	1,376,860	2.5	
04/08/02	41,735		6	2,448,360	94,900	1,471,760	2.1	
05/04/02	42,362		0	2,487,090	38,730	1,510,490	1.0	
05/31/02	42,832	d	27	2,503,380	16,290	1,526,780	0.6	
08/19/02	44,925		0	2,520,289	16,909	1,543,689	0.1	
10/03/02	44,956	e	97	2,520,582	293	1,543,982	N/A	
10/07/02	44,956	e	100	2,522,394	1,812	1,545,794	N/A	
10/24/02	44,956	e	100	2,527,898	5,504	1,551,298	N/A	
11/07/02	0	f	-	2,527,925	27	1,551,325	N/A	
11/21/02	336		0	2,527,945	20	1,551,345	0.00	
12/05/02	479	g	45,435	58	2,528,113	168	1,551,513	0.02
12/18/02	788	g	45,744	1	2,555,895	27,782	1,579,295	1.50
01/03/02	1,174	g	46,130	100	2,591,359	35,464	1,614,759	1.53
01/16/03	1,486	g	46,442	97	2,625,812	34,453	1,649,212	1.84
02/13/03	2,156	g	47,112	0	2,692,710	66,898	1,716,110	1.67
03/13/03	2,832		47,788	0	2,758,948	66,238	1,782,348	1.63
03/27/03	3,165		48,121	1	2,790,668	31,720	1,814,068	1.58
04/10/03	3,500		48,456	0	2,828,060	37,392	1,851,460	1.86
04/24/03	3,837		48,793	0	2,865,050	36,990	1,888,450	1.83
05/08/03	4,172		49,128	0	2,900,937	35,887	1,924,337	1.79

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 ^(N) (%)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
05/22/03	4,459 h	49,415	14	2,931,190	30,253	1,954,590	1.75
05/30/03	4,459 i	49,415	100	2,931,190	0	1,954,590	0.00
06/05/03	4,606	49,562	0	2,946,180	14,990	1,969,580	1.69
06/19/03	4,940	49,896	1	2,971,985	25,805	1,995,385	1.29
07/11/03	4,940	49,896	100	2,971,985	0	1,995,385	0.00
07/24/03	5,331	50,287	0	2,972,362	377	1,995,762	0.02
08/14/03	5,831	50,787	1	3,013,517	41,532	2,036,917	0.78
08/28/03	6,165	51,121	1	3,040,900	27,383	2,064,300	1.37
09/11/03	6,503	51,459	0	3,067,641	26,741	2,091,041	1.32
09/25/03	6,838	51,794	0	3,095,020	27,379	2,118,420	1.36
10/09/03	7,176	52,132	0	3,122,624	81,724	2,146,024	1.35
10/23/03	7,512	52,468	0	3,149,200	26,576	2,172,600	1.32
11/06/03 ¹	NA	NA	NA	NA	NA	NA	NA
11/20/03	8,182	53,138	0	3,204,612	55,412	2,228,012	1.38
12/04/03	8,518	53,474	0	3,233,956	29,344	2,257,356	1.45
12/18/03	8,851	53,807	0	3,264,487	30,531	2,287,887	1.53
REPORTING PERIOD:						11/20/03 to 12/18/03	
PERIOD AVERAGE FLOW RATE (gpm):						1.49	
PERIOD VOLUME DISCHARGED (gallons):						59,875	

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: $100 - [(Hours\ Running\ in\ Period) / ((Days\ in\ Reporting\ Period) * (24\ hours/day))]$
- l. Data from 11/6/03 site visit is unavailable.

Table 2
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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

Date Sampled	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon)										
09/26/91	38	4.8	0.6	1.6	1.1		NS	NS	NS	NA
10/22/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3		NS	NS	NS	NA
11/22/91	ND<30	0.5	ND<0.3	ND<0.3	ND<0.3		NS	NS	NS	NA
12/19/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3		NS	NS	NS	NA
01/16/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3		NS	NS	NS	NA
02/19/92	370	14	0.34	14	2.4		NS	NS	NS	NA
03/17/92	160	18	0.32	0.56	1.6		NS	NS	NS	NA
04/15/92	200	11	ND<0.3	7.3	0.77		NS	NS	NS	NA
05/14/92	45	1.4	ND<0.3	ND<0.3	ND<0.3		NS	NS	NS	NA
06/19/92	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3		NS	NS	NS	NA
07/14/92	97	25	ND<0.5	8.5	ND<0.5		NS	NS	NS	NA
08/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5		NS	NS	NS	NA
09/15/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5		NS	NS	NS	NA
10/16/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5		NS	NS	NS	NA
11/18/92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5		NS	NS	NS	NA
12/17/92	96	7.7	13	0.56	9.7		NS	NS	NS	NA
01/18/93	100	13	6.6	1.1	11		NS	NS	NS	NA
02/22/93	480	36	29	4.9	96		NS	NS	NS	NA
03/15/93	310	29	14	4.9	55		NS	NS	NS	NA
04/09/93	140	11	2.8	2.6	17		NS	NS	NS	NA
05/13/93	530	27	12	18	96		NS	NS	NS	NA
06/04/93	170	5.2	1.6	2.5	23		NS	NS	NS	NA
07/20/93	200	12	0.91	8.2	29		NS	NS	NS	NA
08/16/93	150	4.9	0.63	2.9	15		NS	NS	NS	NA
09/13/93	80	2.2	ND<0.5	ND<0.5	4.8		NS	NS	NS	NA
10/08/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5		NS	NS	NS	NA
11/19/93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5		NS	NS	NS	NA
12/21/93	73	3.5	ND<0.5	1.9	8.4		NS	NS	NS	NA
01/18/94	60	3.1	ND<0.5	3.2	4.3		NS	NS	NS	NA
02/17/94	ND<50	2.5	ND<0.5	2.1	3.1		NS	NS	NS	NA
03/15/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5		NS	NS	NS	NA
04/21/94	110	7.8	ND<1.0	9.6	ND<1.0		NS	NS	NS	NA
05/13/94	230	8.3	ND<0.5	14	6.0		NS	NS	NS	NA
06/14/94	230	12	ND<0.5	16	1.5		NS	NS	NS	NA
07/14/94	270	6.9	ND<0.5	15	1.9		NS	NS	NS	NA
08/18/94	ND<50	1.8	ND<0.5	1.5	ND<0.5		NS	NS	NS	NA
09/12/94	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5		NS	NS	NS	NA

Table 2
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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

Date Sampled	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
INFL (influent to primary carbon) (cont.)										
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	1.0	NS	NS	NS	NA	NA
08/21/95	230	1.8	ND<0.50	1.6	0.9	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	2.80	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
03/08/01	219	ND<0.500	6.16	1.21	0.682	81.0	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	0.70	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*	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	66	NS	NS	NA	NA
3/27/03*	110	ND<0.50	ND<0.50	ND<0.50	ND<0.50	71	NS	NS	NA	NA
4/24/03*	120	ND<0.50	ND<0.50	ND<0.50	ND<0.50	56	NS	NS	NA	NA
5/30/03*	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)**	NS	NS	NA	NA
08/28/03	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	30 (40)**	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)**	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

Table 2
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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

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

Table 2
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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

Date Sampled	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (cont.)										
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	9.0	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
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*	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	130	NS	NS	NA	NA
3/27/03*	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	120	NS	NS	NA	NA
4/24/03*	280	ND<2.5	ND<2.5	ND<2.5	ND<2.5	110	NS	NS	NA	NA
5/30/03*	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)**	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

Table 2
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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

Date Sampled	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	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*	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.0	NS	NS	NA	NA
3/27/03*	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.94	NS	NS	NA	NA
4/24/03*	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.95	NS	NS	NA	NA
5/30/03*	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)**	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

Table 2
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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

Date Sampled	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer)										
09/26/91	ND<30	ND<0.3	ND<0.3	ND<0.3	ND<0.3	NS	NS	NS	NA	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

Table 2
Treatment System Analytical Data
Total Petroleum Hydrocarbons
(TPH as Gasoline and BTEX Compounds)

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

Date Sampled	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MtBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (cont.)										
08/10/00	ND<50.0	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<5.00	23.4	ND<10.0	6.67	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	44.0	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
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*	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*	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	32	ND<10	7.5	0.08
4/24/03*	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*	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)**	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

- TPH-g =Total purgeable petroleum hydrocarbons as gasoline, analyzed using EPA Method 8015B/8021B
- MtBE =Methyl tert Butyl Ether, analyzed using EPA Method 8015B/8021B
- COD =Chemical oxygen demand, analyzed using EPA Method 410.4
- TSS =Total suspended solids, analyzed using EPA Method 160.2
- DO =Dissolved Oxygen, field measurement
- µg/L =Micrograms per liter
- mg/L =Milligrams per liter
- ND< =Not detected above the laboratory reporting limit.
- NA =Not applicable or not available
- NS =Not sampled
- * =Analyzed with EPA Method 8260
- ** =MTBE concentration analyzed by EPA methods 8021B and 8260B (Results of EPA Method 8260 shown in parenthesis).

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

ATTACHMENT A

**CERTIFIED ANALYTICAL REPORT
AND CHAIN-OF-CUSTODY DOCUMENTATION
NOVEMBER 20, 2003**

URS-Oakland, CA

January 13, 2004

500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn.: Scott Robinson

Project#: 38486314.0L041

Project: 608

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Attached is our report for your samples received on 12/18/2003 14:30
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

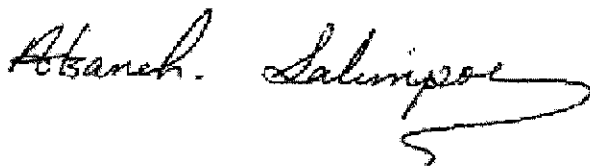
The report contains a Case Narrative detailing sample receipt and analysis.

Please note that any unused portion of the samples will be discarded after
02/01/2004 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

URS-Oakland, CA

January 13, 2004

500 12th Street, Suite 200
Oakland, CA 94607-4014

Attn.: Scott Robinson

Project#: 38486314.0L041

Project: 608

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Case Narrative

General and Sample Comments

We (STL San Francisco) received 4 Water samples , on Thursday, December 18, 2003 2:30 PM.

Analysis Coments and Flags by QC Batch

Fuel Oxygenates by 8260B (Selectable)	Water	QC Batch#: 2003/12/30-01.66
---------------------------------------	-------	-----------------------------

EFFL >> MS 2003/12/30-01.66-017

Compound Flag(s)

S One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

INFL 2003120643 001

Compound Flag(s)

g Hydrocarbon reported in the gasoline range does not match our gasoline standard.

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

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041
608

Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EFFL	12/18/2003	Water	4

Total Suspended Solids (TSS)

URS-Oakland, CA

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Project: 38486314.0L041
608

Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Prep(s): 160.2	Test(s): 160.2
Sample ID: EFFL	Lab ID: 2003-12-0643 - 4
Sampled: 12/18/2003	Extracted: 12/22/2003 10:46
Matrix: Water	QC Batch#: 2003/12/22-01.29

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
TSS	ND	10	mg/L	1.00	12/26/2003 08:05	

Total Suspended Solids (TSS)

URS-Oakland, CA

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Project: 38486314.0L041

608

Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Batch QC Report					
Prep(s): 160.2		Test(s): 160.2			
Method Blank		Water		QC Batch # 2003/12/22-01.29	
MB: 2003/12/22-01.29-001		Date Extracted: 12/22/2003			
Compound	Conc.	RL	Unit	Analyzed	Flag
TSS	ND	10	mg/L	12/23/2003	

Total Suspended Solids (TSS)

URS-Oakland, CA

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Oakland, CA 94607-4014

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Project: 38486314.0L041

608

Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Batch QC Report										
Prep(s): 160.2						Test(s): 160.2				
Laboratory Control Spike				Water			QC Batch # 2003/12/22-01.29			
LCS	2003/12/22-01.29-002			Extracted: 12/22/2003			Analyzed: 12/23/2003			
LCSD	2003/12/22-01.29-003			Extracted: 12/22/2003			Analyzed: 12/23/2003			
Compound	Conc. mg/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
TSS	867	841	1000	86.7	84.1	3.0	80-120	20		

Fuel Oxygenates by 8260B

URS-Oakland, CA

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Project: 38486314.0L041
608

Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INFL	12/18/2003	Water	1
MID-1	12/18/2003	Water	2
MID-2	12/18/2003	Water	3
EFFL	12/18/2003	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

12/31/2003 12:31

Fuel Oxygenates by 8260B

URS-Oakland, CA

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Project: 38486314.0L041

608

Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	INFL	Lab ID:	2003-12-0643 - 1
Sampled:	12/18/2003	Extracted:	12/30/2003 14:29
Matrix:	Water	QC Batch#:	2003/12/30-01.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	52	50	ug/L	1.00	12/30/2003 14:29	g
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	12/30/2003 14:29	
Methyl tert-butyl ether (MTBE)	27	0.50	ug/L	1.00	12/30/2003 14:29	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	12/30/2003 14:29	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	12/30/2003 14:29	
tert-Amyl methyl ether (TAME)	1.6	0.50	ug/L	1.00	12/30/2003 14:29	
Benzene	ND	0.50	ug/L	1.00	12/30/2003 14:29	
Toluene	ND	0.50	ug/L	1.00	12/30/2003 14:29	
Ethylbenzene	ND	0.50	ug/L	1.00	12/30/2003 14:29	
Total xylenes	ND	1.0	ug/L	1.00	12/30/2003 14:29	
Surrogate(s)						
1,2-Dichloroethane-d4	113.2	76-114	%	1.00	12/30/2003 14:29	
Toluene-d8	99.6	88-110	%	1.00	12/30/2003 14:29	

Fuel Oxygenates by 8260B

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Project: 38486314.0L041
608

Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID-1	Lab ID:	2003-12-0643 - 2
Sampled:	12/18/2003	Extracted:	12/30/2003 14:53
Matrix:	Water	QC Batch#:	2003/12/30-01.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	12/30/2003 14:53	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	12/30/2003 14:53	
Methyl tert-butyl ether (MTBE)	1.2	0.50	ug/L	1.00	12/30/2003 14:53	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	12/30/2003 14:53	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	12/30/2003 14:53	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	12/30/2003 14:53	
Benzene	ND	0.50	ug/L	1.00	12/30/2003 14:53	
Toluene	ND	0.50	ug/L	1.00	12/30/2003 14:53	
Ethylbenzene	ND	0.50	ug/L	1.00	12/30/2003 14:53	
Total xylenes	ND	1.0	ug/L	1.00	12/30/2003 14:53	
Surrogate(s)						
1,2-Dichloroethane-d4	112.6	76-114	%	1.00	12/30/2003 14:53	
Toluene-d8	97.9	88-110	%	1.00	12/30/2003 14:53	

Fuel Oxygenates by 8260B

URS-Oakland, CA

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Oakland, CA 94607-4014

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

Project: 38486314.0L041

608

Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: MID-2	Lab ID: 2003-12-0643 - 3
Sampled: 12/18/2003	Extracted: 12/30/2003 15:17
Matrix: Water	QC Batch#: 2003/12/30-01.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	12/30/2003 15:17	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	12/30/2003 15:17	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	12/30/2003 15:17	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	12/30/2003 15:17	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	12/30/2003 15:17	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	12/30/2003 15:17	
Benzene	ND	0.50	ug/L	1.00	12/30/2003 15:17	
Toluene	ND	0.50	ug/L	1.00	12/30/2003 15:17	
Ethylbenzene	ND	0.50	ug/L	1.00	12/30/2003 15:17	
Total xylenes	ND	1.0	ug/L	1.00	12/30/2003 15:17	
Surrogate(s)						
1,2-Dichloroethane-d4	100.0	76-114	%	1.00	12/30/2003 15:17	
Toluene-d8	95.7	88-110	%	1.00	12/30/2003 15:17	

Fuel Oxygenates by 8260B

URS-Oakland, CA

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Oakland, CA 94607-4014

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Project: 38486314.0L041

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Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: EFFL	Lab ID: 2003-12-0643 - 4
Sampled: 12/18/2003	Extracted: 12/30/2003 12:53
Matrix: Water	QC Batch#: 2003/12/30-01.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	12/30/2003 12:53	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	12/30/2003 12:53	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	12/30/2003 12:53	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	12/30/2003 12:53	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	12/30/2003 12:53	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	12/30/2003 12:53	
Benzene	ND	0.50	ug/L	1.00	12/30/2003 12:53	
Toluene	ND	0.50	ug/L	1.00	12/30/2003 12:53	
Ethylbenzene	ND	0.50	ug/L	1.00	12/30/2003 12:53	
Total xylenes	ND	1.0	ug/L	1.00	12/30/2003 12:53	
Surrogate(s)						
1,2-Dichloroethane-d4	99.2	76-114	%	1.00	12/30/2003 12:53	
Toluene-d8	92.2	88-110	%	1.00	12/30/2003 12:53	

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

12/31/2003 12:31

Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

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Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2003/12/30-01.66-023

Water

Test(s): 8260B

QC Batch # 2003/12/30-01.66

Date Extracted: 12/30/2003 10:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	12/30/2003 10:23	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	12/30/2003 10:23	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/30/2003 10:23	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	12/30/2003 10:23	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	12/30/2003 10:23	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	12/30/2003 10:23	
Benzene	ND	0.5	ug/L	12/30/2003 10:23	
Toluene	ND	0.5	ug/L	12/30/2003 10:23	
Ethylbenzene	ND	0.5	ug/L	12/30/2003 10:23	
Total xylenes	ND	1.0	ug/L	12/30/2003 10:23	
Surrogates(s)					
1,2-Dichloroethane-d4	100.2	76-114	%	12/30/2003 10:23	
Toluene-d8	92.6	88-110	%	12/30/2003 10:23	

Fuel Oxygenates by 8260B

URS-Oakland, CA

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Oakland, CA 94607-4014

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

Project: 38486314.0L041

608

Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Batch QC Report										
Prep(s): 5030B						Test(s): 8260B				
Laboratory Control Spike				Water			QC Batch # 2003/12/30-01.66			
LCS	2003/12/30-01.66-035			Extracted: 12/30/2003			Analyzed: 12/30/2003 09:35			
LCSD	2003/12/30-01.66-047			Extracted: 12/30/2003			Analyzed: 12/30/2003 10:47			
Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	21.3	22.1	25.0	85.2	88.4	3.7	65-165	20		
Benzene	20.0	22.1	25.0	80.0	88.4	10.0	69-129	20		
Toluene	23.2	25.0	25.0	92.8	100.0	7.5	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	518	499	500	103.6	99.8		76-114			
Toluene-d8	477	490	500	95.4	98.0		88-110			

Fuel Oxygenates by 8260B

URS-Oakland, CA

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Project: 38486314.0L041

608

Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2003/12/30-01.66
EFFL >> MS		Lab ID:	2003-12-0643 - 004
MS:	2003/12/30-01.66-017	Extracted:	12/30/2003
		Analyzed:	12/30/2003 13:17
		Dilution:	1.00
MSD:	2003/12/30-01.66-041	Extracted:	12/30/2003
		Analyzed:	12/30/2003 13:41
		Dilution:	1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	25.4	21.5	ND	25.0	101.6	86.0	16.6	65-165	20		
Benzene	24.4	21.0	ND	25.0	97.6	84.0	15.0	69-129	20		
Toluene	24.8	21.9	ND	25.0	99.2	87.6	12.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	585	512		500	117.0	102.4		76-114		S	
Toluene-d8	501	490		500	100.2	98.0		88-110			

Severn Trent Laboratories, Inc.

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12/31/2003 12:31

Fuel Oxygenates by 8260B

URS-Oakland, CA

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Oakland, CA 94607-4014

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

Project: 38486314.0L041

608

Received: 12/18/2003 14:30

Site: 18501 Hesperian Blvd. San Lorenzo, CA

Legend and Notes

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

S

One surrogate recovery out of control, but second surrogate within QC limits confirms test performance.

STL San Francisco

Sample Receipt Checklist

Submission #: 2003- 12 - 0643

Checklist completed by: (initials) TL Date: 12, 19, 03

Courier name: [X] STL San Francisco [] Client

Custody seals intact on shipping container/samples

Chain of custody present?

Chain of custody signed when relinquished and received?

Chain of custody agrees with sample labels?

Samples in proper container/bottle?

Sample containers intact?

Sufficient sample volume for indicated test?

All samples received within holding time?

Container/Temp-Blank temperature in compliance (4°C ± 2)?

Temp 3.0 °C Yes [X] No

Water - VOA vials have zero headspace?

Ice Present Yes [X] No
No VOA vials submitted Yes [X] No

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small ~ O), M (medium ~ O) or L (large ~ O))

Water - pH acceptable upon receipt? [X] Yes [] No

[] pH adjusted- Preservative used: [] HNO3 [] HCl [] H2SO4 [] NaOH [] ZnOAc - Lot #(s)

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments:

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) Date: / / 03

Client contacted: [] Yes [] No

Summary of discussion:

Corrective Action (per PM/Client):



**Sequoia
Analytical**

1455 McDowell Blvd, North Ste D
Petahuma, CA 94954
(707) 792-1865
FAX (707) 792-0342
www.sequoialabs.com

6 January, 2004

Afseneh Salimpour
Severn Trent Laboratories, San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

RE: BP
Work Order: P312638

Enclosed are the results of analyses for samples received by the laboratory on 12/24/03 11:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angelee Cari
Project Manager

CA ELAP Certificate #2374



Severn Trent Laboratories, San Francisco
1220 Quarry Lane
Pleasanton CA, 94566

Project: BP
Project Number: 2003-12-0643
Project Manager: Afseneh Salimpour

P312638
Reported:
01/06/04 17:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFFL	P312638-01	Water	12/18/03 12:00	12/24/03 11:15



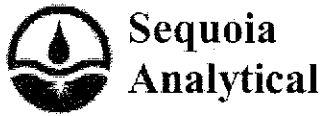
Severn Trent Laboratories, San Francisco
1220 Quarry Lane
Pleasanton CA, 94566

Project: BP
Project Number: 2003-12-0643
Project Manager: Afseneh Salimpour

P312638
Reported:
01/06/04 17:36

**Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Petaluma**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EFFL (P312638-01) Water Sampled: 12/18/03 12:00 Received: 12/24/03 11:15									
Chemical Oxygen Demand	ND	20000	ug/l	1	4010045	01/06/04	01/06/04	EPA 410.4	



1455 McDowell Blvd, North Ste D
 Petaluma, CA 94954
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 FAX (707) 792-0342
 www.sequoialabs.com

Severn Trent Laboratories, San Francisco 1220 Quarry Lane Pleasanton CA, 94566	Project: BP Project Number: 2003-12-0643 Project Manager: Afseneh Salimpour	P312638 Reported: 01/06/04 17:36
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**Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
 Sequoia Analytical - Petaluma**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4010045 - General Preparation										
Blank (4010045-BLK1)										
Chemical Oxygen Demand	ND	20000	ug/l							Prepared & Analyzed: 01/06/04
Laboratory Control Sample (4010045-BS1)										
Chemical Oxygen Demand	253000	20000	ug/l	250000		101	80-120			
Matrix Spike (4010045-MS1)										
Chemical Oxygen Demand	762000	20000	ug/l	500000	260000	100	75-125			Source: P312722-02 Prepared & Analyzed: 01/06/04
Matrix Spike Dup (4010045-MSD1)										
Chemical Oxygen Demand	779000	20000	ug/l	500000	260000	104	75-125	2	20	Source: P312722-02 Prepared & Analyzed: 01/06/04



Severn Trent Laboratories, San Francisco
1220 Quarry Lane
Pleasanton CA, 94566

Project: BP
Project Number: 2003-12-0643
Project Manager: Afseneh Salimpour

P312638
Reported:
01/06/04 17:36

Notes and Definitions

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



STL

Chain of Custody

Date Shipped: 12/22/2003

2003-12-0643 - 1

From: **STL San Francisco (CL)**
1220 Quarry Lane
Pleasanton, CA 94566-4756

To: **Sequoia Analytical Petaluma**
1455 N. McDowell Blvd., North Ste. D
Petaluma, CA 94954

Project Manager: **Afsaneh Salimpour**
Phone: ((925) 5) -484-1919 Ext: 107
Fax: (925) 484-1096
Email: asalimpour@stl-inc.com

Phone: (707) 792-1865 Ext:
Fax: (707) 792-0342
Contact: Sample Receiving
Phone: (707) 792-1865 Ext:

CL Submission #: 2003-12-0643
CL PO #:
Project #: 38486314.0L041
Project Name: 608

Client Sample ID	CL#	Sampled	Matrix	TAT
Analysis			Method	
EFFL	P312638-01	4	12/18/2003 12:00:00AM	Water
Subcontract - COD			410.4	5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS**** BILL BP DIRECTLY ****

COOLER CUSTODY SEALS INTACT

NOT INTACT

COOLER TEMPERATURE 31.0 °C

RELINQUISHED BY: [Signature] 1. Signature: [Signature] Time: 3:00 Printed Name: Joe Mofford Date: 12-22-03 Company: STL S.F.	RELINQUISHED BY: 2. Signature _____ Time _____ Printed Name _____ Date _____ Company _____	RELINQUISHED BY: 3. Signature _____ Time _____ Printed Name _____ Date _____ Company _____
RECEIVED BY: [Signature] 1. Signature: [Signature] Time _____ Printed Name _____ Date _____ Company _____	RECEIVED BY: 2. Signature _____ Time _____ Printed Name _____ Date _____ Company _____	RECEIVED BY: 3. Signature _____ Time _____ Printed Name _____ Date _____ Company _____

[Signature]
12/24/03
@ 11:15

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: STL
 REC. BY (PRINT): SA
 WORKORDER: P312638

DATE Received at Lab: 12/24/03
 TIME Received at Lab: 11:15
 LOG IN DATE: 12/24/03

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

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	#	CLIENT ID	DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s) Present <input checked="" type="radio"/> Absent <input type="radio"/> Intact / Broken*			EFPL	3xVH ₂ SO ₄	W	12/18/03	
2. Chain-of-Custody Present <input checked="" type="radio"/> Absent <input type="radio"/>							
3. Traffic Reports or Packing List: Present <input checked="" type="radio"/> Absent <input type="radio"/>							
4. Airbill: Airbill <input checked="" type="radio"/> Sticker <input type="radio"/> Present <input checked="" type="radio"/> Absent <input type="radio"/>							
5. Airbill #: <u>843155855208</u>							
6. Sample Labels: Present <input checked="" type="radio"/> Absent <input type="radio"/>							
7. Sample IDs: Listed <input checked="" type="radio"/> Not Listed <input type="radio"/> on Chain-of-Custody							
8. Sample Condition: Intact <input checked="" type="radio"/> Broken* / Leaking* <input type="radio"/>							
9. Does information on custody reports, traffic reports and sample labels agree? Yes <input checked="" type="radio"/> No* <input type="radio"/>							
10. Sample received within hold time: Yes <input checked="" type="radio"/> No* <input type="radio"/>							
11. Proper Preservatives used: Yes <input checked="" type="radio"/> No* <input type="radio"/>							
12. Temp Rec. at Lab: <u>3.7</u> (Acceptance range for samples requiring thermal pres.: 4+/-2°C) Yes <input checked="" type="radio"/> No* <input type="radio"/>							

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

ATTACHMENT B
OPERATION AND MAINTENANCE FIELD LOGS

Date: 12/4/03

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

System Description:

Well	Type	Size	Control	Set Depth (TOB)
E-1A	Electric	3"	panel	25.9'

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

PART A: SYSTEM DATA (Semi-Monthly)

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

ELECTRIC METER READING (kw hrs)	<u>35770</u>	HOUR METER READING (hrs)	<u>8518.1</u>
		Time:	<u>0855</u>

MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	<u>3233947</u>	<u>3233956</u>
FILTER INLET PRESSURE (psig)	<u>12.0</u>	(ideal range: 8 to 12 psig)
CARBON #1 INLET PRESSURE (psig)	<u>11.0</u>	(ideal range: 5 to 9 psig)
CARBON #2 INLET PRESSURE (psig) <u>Carbon #3</u>	<u>10.2 / 5.0</u>	(ideal range: 1 to 4 psig)
DISCHARGE PRESSURE (psig)	<u>0.2</u>	(ideal range: 0 to 2 psig)

PART B: COMMENTS System Average: 2,099 gal/day
1.5 gal/min

16/ 12/5/03

PART C: WELL DATA (Monthly)

* ALLOW SYSTEM TO RUN ~~THOUR~~ HOUR BEFORE OBTAINING DTW READINGS

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

PART D: SAMPLING (Monthly)

To be completed 1/18/03.

SAMPLE	ANALYSIS	COMPLETED
INFLUENT	TPH-gasoline, BTEX compounds, MiBE	<i>n/a</i>
EFFLUENT	TPH-gasoline, BTEX compounds, MiBE COD, TSS	<i>n/a</i>
MID-1	TPH-gasoline, BTEX compounds, MiBE	<i>n/a</i>
MID-2	TPH-gasoline, BTEX compounds, MiBE	<i>n/a</i>

PART E: READINGS (Monthly)

To be completed 1/18/03.

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

PART F: SYSTEM MAINTENANCE I (Monthly)

NUMBER OF SPARE FILTERS ON SITE?	<i>0</i>	CHANGE FILTERS? (if necessary)	<i>Yes</i>
PUMP AMP DRAW	<i>n/a</i>	H2O2 injection well EA-1 (if necessary)	<i>n/a</i>
SWEEP ENCLOSURE	<i>n/a</i>		

PART G: SYSTEM MAINTENANCE II (Quarterly)

To be Completed in Jan.

TEST ALARM SWITCHES	<i>n/a</i>	BACKFLUSH CARBONS	<i>n/a</i>
CLEAN TOTALIZERS	<i>n/a</i>		

N:\Projects\IT\ARCO\809628\O&M\data\Sheet\GWE *Previously completed in Oct. 2*

Date: 12/18/03

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)	35,960	HOUR METER READING (hrs)	8850.5
		Time:	0824

MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	3,264,376	3,264,487
FILTER INLET PRESSURE (psig)	14	(ideal range: 8 to 12 psig) 11
CARBON #1 INLET PRESSURE (psig)	12	(ideal range: 5 to 9 psig) 8.5
CARBON #2 INLET PRESSURE (psig)	10.5 / 5.5	(ideal range: 1 to 4 psig) 7.6 / 3.2
DISCHARGE PRESSURE (psig)	1.0	(ideal range: 0 to 2 psig) 0

PART B: COMMENTS Water Flow = 2,204 gal/day (1.5 gal/min)

1. Cleaned Flow Meter
 2. Cleaned and Back Flushed Sewer Totalizer.
 3. Replaced Inlet Filter (10/micron)
 4. Bled Air Build-Up out of Carbon Vessels.
- Increase in vessel pressures was due to air build-up in system. Pressures dropped when venting carbon.

101 12/19/03

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	12/18
EFFLUENT	TPH-gasoline, BTEX compounds, MtBE COD, TSS	12/18
MID-1	TPH-gasoline, BTEX compounds, MtBE	12/18
MID-2	TPH-gasoline, BTEX compounds, MtBE	12/18

PART E: READINGS (Monthly)

EFFLUENT	TEMP (°F)	CONDUCTIVITY (umhos)	pH (units)	DISSOLVED OXYGEN (ppm)
	16.9°C	992 µS	7.01	0.94

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	N/A		

PART G: SYSTEM MAINTENANCE II (Quarterly)

TEST ALARM SWITCHES	11/20/03	BACKFLUSH CARBONS	N/A
CLEAN TOTALIZERS	12/18/03		