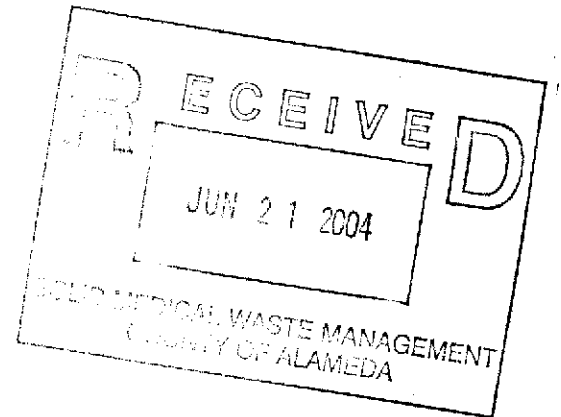


June 16, 2004

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



Re: Monthly Discharge Report – May 2004
Discharge Permit #SDP-037
ARCO Service Station #0608
17601 Hesperian Boulevard
San Lorenzo, California

Dear Mr. Carson:

On behalf of Atlantic Richfield Company (RM), 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 from April 22 through May 19, 2004 (Tables 1 and 2). Operational parameters are summarized below.

<i>Treatment System Status:</i>	<i>Operational</i>
<i>Reporting Period:</i>	04/22/2004 to 05/19/04
<i>Period Volume Discharged:</i>	54,871 gallons
<i>Effluent pH Reading:</i>	6.50
<i>Average Period Flow Rate:</i>	1.40 gpm
<i>Analytical Report:</i>	Attachment A
<i>O & M Field Information:</i>	Attachment B

DISCUSSION:

Monthly compliance samples were collected on May 19, 2004, and analyzed for gasoline range organics (GRO), benzene, toluene, ethylbenzene, and total xylenes (BTEX), and fuel oxygenates by EPA Method 8260B. Methyl tert Butyl Ether (MTBE) was detected above the laboratory reporting limit in the influent sample and the sample collected between the primary and secondary carbon vessels (MID-1) at concentrations of 19 µg/L and 2.0 µg/L, respectively. Total suspended solids (TSS) were detected at concentrations of 13 grams per liter (mg/L) in the effluent sample. No other constituents were detected above the laboratory reporting limits in the effluent sample.



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

Sincerely,

URS CORPORATION

Teresa Tamburello
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, January 22, 2004
Attachment B - Operation and Maintenance Field Logs

cc: Mr. Paul Supple, ARCO, (electronic copy submitted to ENFOS)
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 ^(%)	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	d 42,832		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	e 44,956		97	2,520,582	293	1,543,982	N/A
10/07/02	e 44,956		100	2,522,394	1,812	1,545,794	N/A
10/24/02	e 44,956		100	2,527,898	5,504	1,551,298	N/A
11/07/02	f 0	44,956	-	2,527,925	27	1,551,325	N/A
11/21/02	336	45,292	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

**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)
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
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	NA j	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	2,201,944	0.49
12/18/03	8,851	53,807	1	3,264,487	30,531	2,232,475	1.53
01/08/04	9,356	54,312	0	3,312,485	47,998	2,276,010	1.58
01/22/04	9,690	54,646	1	3,344,994	32,509	2,308,519	1.62
02/05/04	10,026	54,982	0	3,377,510	32,516	2,341,035	1.61
02/19/04	10,357	55,313	2	3,410,457	32,947	2,373,982	1.66
03/04/04	10,695	55,651	0	3,446,501	36,044	2,410,026	1.77
03/18/04	11,030	55,986	0	3,480,890	34,389	2,444,415	1.71
04/07/04	11,509	56,465	0	3,524,179	43,289	2,487,704	1.51
04/22/04	11,869	56,825	0	3,552,144	27,965	2,515,669	1.30
05/06/04	12,206	57,162	0	3,579,927	27,783	2,543,452	1.37
05/19/04	12,522	57,478	0	3,607,015	27,088	2,570,540	1.43
REPORTING PERIOD:						04/22/04 to 05/19/04	
PERIOD AVERAGE FLOW RATE (gpm):							1.40
PERIOD VOLUME DISCHARGED (gallons):							54,871

gpm = Gallons per minute

N/A = Not available or not applicable

Initial 3-hour startup pumping period May 31, 2000

- System restarted 6/5/00 (previously ran 9/25/91 - 8/21/95)
- System down during construction to main sewer line starting 6/25/01.
- System restarted 8/14/01 following completion of construction work.
- Hour meter reading not recorded. Estimated hours using last 3 months average.
- Hour meter reading not functioning.
- Hour meter replaced.
- An error in the table has been corrected to show correct flow rate values.
- System was down upon arrival due to utility power outage.
- System restarted 5/30/03 after power restored to system.
- System was down upon arrival due pump overload. Pump was pulled for cleaning and inspection
- Downtime calculated by the following: $100 - [(Hours\ Running\ in\ Period) / ((Days\ in\ Reporting\ Period) * (24\ hours/day))]$
- 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/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

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/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.)										
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
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<0.500	ND<0.500	ND<0.500	ND<0.500	71	NS	NS	NA	NA
07/05/01	100	ND<0.500	2.5	ND<0.500	ND<0.500	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<0.500	ND<0.500	ND<0.500	ND<0.500	150	NS	NS	NA	NA
11/13/01	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<0.500	92	NS	NS	NA	NA
12/11/01	65	ND<0.500	0.58	ND<0.500	ND<0.500	83	NS	NS	NA	NA
01/04/02	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<0.500	140	NS	NS	NA	NA
02/05/02	100	ND<0.500	ND<0.500	ND<0.500	ND<0.500	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<0.500	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'	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	66	NS	NS	NA	NA
3/27/03'	110	ND<0.500	ND<0.500	ND<0.500	ND<0.500	71	NS	NS	NA	NA
4/24/03'	120	ND<0.500	ND<0.500	ND<0.500	ND<0.500	56	NS	NS	NA	NA
5/30/03'	20	ND<0.500	ND<0.500	ND<0.500	ND<0.500	ND<50	NS	NS	NA	NA
06/19/03	160	ND<0.500	ND<0.500	ND<0.500	ND<0.500	46	NS	NS	NA	NA
07/24/03	51	ND<0.500	ND<0.500	ND<0.500	ND<0.500	41 (47)*	NS	NS	NA	NA
08/28/03	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<0.500	30 (40)*	NS	NS	NA	NA
09/25/03	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<0.500	28	NS	NS	NA	NA
10/23/03	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<0.500	28 (28)*	NS	NS	NA	NA
11/20/03	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<1.0	22	NS	NS	NA	NA
12/18/03	52	ND<0.500	ND<0.500	ND<0.500	ND<1.0	27	NS	NS	NA	NA
01/22/04	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<1.0	27	NS	NS	NA	NA
02/19/04	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<1.0	25	NS	NS	NA	NA
03/18/04	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<1.0	27	NS	NS	NA	NA
04/07/04	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<1.0	25	NS	NS	NA	NA
04/22/04	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<1.0	19	NS	NS	NA	NA
05/19/04	ND<50	ND<0.500	ND<0.500	ND<0.500	ND<1.0	19	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/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

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/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.)										
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
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 ¹	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	130	NS	NS	NA	NA
3/27/03 ¹	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	120	NS	NS	NA	NA
4/24/03 ¹	280	ND<2.5	ND<2.5	ND<2.5	ND<2.5	110	NS	NS	NA	NA
5/30/03 ¹	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) ¹	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

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/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*	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1	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
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

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/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)										
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

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/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.)										
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
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	7.50	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

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/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.)										
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
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

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
TSS =Total suspended solids, analyzed using EPA Method 160.2

Notes:

1. Analyzed with EPA Method 8260
2. MTBE concentration analyzed by EPA methods 8021B and 8260B (Results of EPA Method 8260 shown in parenthesis).
3. GRO/BTEX/MtBE analyzed using EPA Method 8260B beginning February 19, 2004.
4. 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.
5. 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.

ATTACHMENT A

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

URS-Oakland, CA

June 04, 2004

1333 Broadway, Suite 800
Oakland, CA 94612

Attn.: Scott Robinson

Project#: Consultant Project No:38486314.0L041

Project: BP Facility No: 608

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Attached is our report for your samples received on 05/21/2004 12:35
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

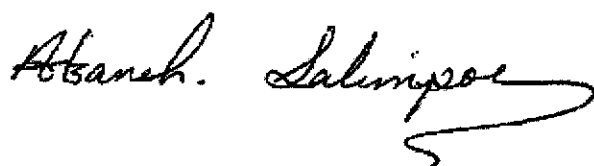
The report contains a Case Narrative detailing sample receipt and analysis.

Please note that any unused portion of the samples will be discarded after
07/05/2004 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

June 04, 2004

1333 Broadway, Suite 800
Oakland, CA 94612

Attn.: Scott Robinson

Project#: Consultant Project No:38486314.0L041

Project: BP Facility No: 608

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Case Narrative

General and Sample Comments

We (STL San Francisco) received 4 Water samples , on Friday, May 21, 2004
12:35 PM.

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EFFL	05/19/2004 13:40	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

05/27/2004 10:27

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Prep(s):	160.2	Test(s):	160.2
Sample ID:	EFFL	Lab ID:	2004-05-0820 - 4
Sampled:	05/19/2004 13:40	Extracted:	5/26/2004 08:58
Matrix:	Water	QC Batch#:	2004/05/26-01.29

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
TSS	13	10	mg/L	1.00	05/27/2004 07:46	

Severn Trent Laboratories, Inc.

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

05/27/2004 10:27

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Batch QC Report					
Prep(s): 160.2		Water		Test(s): 160.2	
Method Blank				QC Batch # 2004/05/26-01.29	
MB: 2004/05/26-01.29-001				Date Extracted: 05/26/2004 08:58	
Compound	Conc.	RL	Unit	Analyzed	Flag
TSS	ND	10	mg/L	05/27/2004 07:43	

Severn Trent Laboratories, Inc.

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

05/27/2004 10:27

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Batch QC Report										
Prep(s): 160.2						Test(s): 160.2				
Laboratory Control Spike				Water			QC Batch # 2004/05/26-01.29			
LCS	2004/05/26-01.29-002			Extracted: 05/26/2004			Analyzed: 05/27/2004 07:42			
LCSD	2004/05/26-01.29-003			Extracted: 05/26/2004			Analyzed: 05/27/2004 07:42			
Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
TSS	1020	974	1000	102.0	97.4	4.6	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

05/27/2004 10:27

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INFL	05/19/2004 13:55	Water	1
MID-1	05/19/2004 13:50	Water	2
MID-2	05/19/2004 13:45	Water	3
EFFL	05/19/2004 13:40	Water	4

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

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06/01/2004 14:20

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	INFL	Lab ID:	2004-05-0820 - 1
Sampled:	05/19/2004 13:55	Extracted:	5/29/2004 09:08
Matrix:	Water	QC Batch#:	2004/05/29-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/29/2004 09:08	
Benzene	ND	0.50	ug/L	1.00	05/29/2004 09:08	
Toluene	ND	0.50	ug/L	1.00	05/29/2004 09:08	
Ethylbenzene	ND	0.50	ug/L	1.00	05/29/2004 09:08	
Total xylenes	ND	1.0	ug/L	1.00	05/29/2004 09:08	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	05/29/2004 09:08	
Methyl tert-butyl ether (MTBE)	19	0.50	ug/L	1.00	05/29/2004 09:08	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	05/29/2004 09:08	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	05/29/2004 09:08	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	05/29/2004 09:08	
Surrogate(s)						
1,2-Dichloroethane-d4	106.4	72-128	%	1.00	05/29/2004 09:08	
Toluene-d8	97.8	80-113	%	1.00	05/29/2004 09:08	

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

06/01/2004 14:20

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MID-1	Lab ID:	2004-05-0820 - 2
Sampled:	05/19/2004 13:50	Extracted:	5/29/2004 09:30
Matrix:	Water	QC Batch#:	2004/05/29-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/29/2004 09:30	
Benzene	ND	0.50	ug/L	1.00	05/29/2004 09:30	
Toluene	ND	0.50	ug/L	1.00	05/29/2004 09:30	
Ethylbenzene	ND	0.50	ug/L	1.00	05/29/2004 09:30	
Total xylenes	ND	1.0	ug/L	1.00	05/29/2004 09:30	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	05/29/2004 09:30	
Methyl tert-butyl ether (MTBE)	2.0	0.50	ug/L	1.00	05/29/2004 09:30	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	05/29/2004 09:30	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	05/29/2004 09:30	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	05/29/2004 09:30	
Surrogate(s)						
1,2-Dichloroethane-d4	110.5	72-128	%	1.00	05/29/2004 09:30	
Toluene-d8	98.3	80-113	%	1.00	05/29/2004 09:30	

Sewern Trent Laboratories, Inc.

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06/01/2004 14:20

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: MID-2	Lab ID: 2004-05-0820 - 3
Sampled: 05/19/2004 13:45	Extracted: 6/1/2004 08:21
Matrix: Water	QC Batch#: 2004/06/01-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/01/2004 08:21	
Benzene	ND	0.50	ug/L	1.00	06/01/2004 08:21	
Toluene	ND	0.50	ug/L	1.00	06/01/2004 08:21	
Ethylbenzene	ND	0.50	ug/L	1.00	06/01/2004 08:21	
Total xylenes	ND	1.0	ug/L	1.00	06/01/2004 08:21	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/01/2004 08:21	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/01/2004 08:21	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	06/01/2004 08:21	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/01/2004 08:21	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/01/2004 08:21	
Surrogate(s)						
1,2-Dichloroethane-d4	112.3	72-128	%	1.00	06/01/2004 08:21	
Toluene-d8	92.0	80-113	%	1.00	06/01/2004 08:21	

Sewern Trent Laboratories, Inc.

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06/01/2004 14:20

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: EFFL	Lab ID: 2004-05-0820 - 4
Sampled: 05/19/2004 13:40	Extracted: 6/1/2004 08:43
Matrix: Water	QC Batch#: 2004/06/01-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/01/2004 08:43	
Benzene	ND	0.50	ug/L	1.00	06/01/2004 08:43	
Toluene	ND	0.50	ug/L	1.00	06/01/2004 08:43	
Ethylbenzene	ND	0.50	ug/L	1.00	06/01/2004 08:43	
Total xylenes	ND	1.0	ug/L	1.00	06/01/2004 08:43	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/01/2004 08:43	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/01/2004 08:43	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	06/01/2004 08:43	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/01/2004 08:43	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/01/2004 08:43	
Surrogate(s)						
1,2-Dichloroethane-d4	107.6	72-128	%	1.00	06/01/2004 08:43	
Toluene-d8	96.2	80-113	%	1.00	06/01/2004 08:43	

Sewern Trent Laboratories, Inc.

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06/01/2004 14:20

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Batch QC Report					
Prep(s): 5030B		Water		Test(s): 8260B	
Method Blank				QC Batch # 2004/05/29-1A-64	
MB: 2004/05/29-1A-64-031				Date Extracted: 05/29/2004 08:31	
Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	05/29/2004 08:31	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	05/29/2004 08:31	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	05/29/2004 08:31	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	05/29/2004 08:31	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	05/29/2004 08:31	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	05/29/2004 08:31	
Benzene	ND	0.5	ug/L	05/29/2004 08:31	
Toluene	ND	0.5	ug/L	05/29/2004 08:31	
Ethylbenzene	ND	0.5	ug/L	05/29/2004 08:31	
Total xylenes	ND	1.0	ug/L	05/29/2004 08:31	
Surrogates(s)					
1,2-Dichloroethane-d4	101.6	72-128	%	05/29/2004 08:31	
Toluene-d8	98.2	80-113	%	05/29/2004 08:31	

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/06/01-1B.64-031

Water

Test(s): 8260B

QC Batch # 2004/06/01-1B.64

Date Extracted: 06/01/2004 07:31

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	06/01/2004 07:31	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	06/01/2004 07:31	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/01/2004 07:31	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	06/01/2004 07:31	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	06/01/2004 07:31	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	06/01/2004 07:31	
Benzene	ND	0.5	ug/L	06/01/2004 07:31	
Toluene	ND	0.5	ug/L	06/01/2004 07:31	
Ethylbenzene	ND	0.5	ug/L	06/01/2004 07:31	
Total xylenes	ND	1.0	ug/L	06/01/2004 07:31	
Surrogates(s)					
1,2-Dichloroethane-d4	106.6	72-128	%	06/01/2004 07:31	
Toluene-d8	104.6	80-113	%	06/01/2004 07:31	

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

06/01/2004 14:20

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: Consultant Project No:38486314.0L041
BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Batch QC Report										
Prep(s): 5030B					Test(s): 8260B					
Laboratory Control Spike			Water			QC Batch # 2004/05/29-1A.64				
LCS	2004/05/29-1A.64-046		Extracted: 05/29/2004			Analyzed: 05/29/2004 07:46				
LCSD	2004/05/29-1A.64-009		Extracted: 05/29/2004			Analyzed: 05/29/2004 08:09				
Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	19.5	20.9	25	78.0	83.6	6.9	65-165	20		
Benzene	18.5	18.8	25	74.0	75.2	1.6	69-129	20		
Toluene	20.7	20.8	25	82.8	83.2	0.5	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	475	489	500	95.0	97.8		72-128			
Toluene-d8	486	494	500	97.2	98.8		80-113			

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

06/01/2004 14:20

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: Consultant Project No:38486314.0L041
BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Batch QC Report										
Prep(s): 5030B						Test(s): 8260B				
Laboratory Control Spike				Water			QC Batch # 2004/06/01-1B.64			
LCS	2004/06/01-1B.64-047		Extracted: 06/01/2004			Analyzed: 06/01/2004 06:47				
LCSD	2004/06/01-1B.64-009		Extracted: 06/01/2004			Analyzed: 06/01/2004 07:09				
Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	24.0	24.9	25	96.0	99.6	3.7	65-165	20		
Benzene	23.0	23.7	25	92.0	94.8	3.0	69-129	20		
Toluene	26.1	26.9	25	104.4	107.6	3.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	478	482	500	95.6	96.4		72-128			
Toluene-d8	509	522	500	101.8	104.4		80-113			

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

06/01/2004 14:20

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: Consultant Project No:38486314.0L041

BP Facility No: 608

Received: 05/21/2004 12:35

Site: 18501 Hesperian Blvd, San Lorenzo, CA

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2004/05/29-1A.64
INFL >> MS		Lab ID:	2004-05-0820 - 001
MS:	2004/05/29-1A.64-012	Extracted:	05/29/2004
		Analyzed:	05/29/2004 13:12
		Dilution:	1.00
MSD:	2004/05/29-1A.64-034	Extracted:	05/29/2004
		Analyzed:	05/29/2004 13:34
		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	38.5	38.8	18.8	25	78.8	80.0	1.5	65-165	20		
Benzene	19.5	18.8	ND	25	78.0	75.2	3.7	69-129	20		
Toluene	21.3	21.6	ND	25	85.2	86.4	1.4	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	493	484		500	98.6	96.8		72-128			
Toluene-d8	487	488		500	97.4	97.6		80-113			

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

06/01/2004 14:20



STL

Chain of Custody

Date Shipped: 5/24/2004

2004-05-0820 - 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) 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 #: 2004-05-0820

Project #: Consultant Project
No:38486314.0L041

CL PO #:

Project Name: BP Facility No: 608

Original Sample ID: [REDACTED]					
Analysis: [REDACTED]					
EFFL	4	5/19/2004	1:40:00PM	Water	
Subcontract - COD				410.4	5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY:	1.
Signature	Time
Printed Name	Date
Company	

RELINQUISHED BY:	2.
Signature	Time
Printed Name	Date
Company	

RELINQUISHED BY:	3.
Signature	Time
Printed Name	Date
Company	

RECEIVED BY:	1.
Signature	Time
Printed Name	Date
Company	

RECEIVED BY:	2.
Signature	Time
Printed Name	Date
Company	

RECEIVED BY:	3.
Signature	Time
Printed Name	Date
Company	

STL San Francisco

Sample Receipt Checklist

Submission #: 2004-05-0820

Checklist completed by: (initials) JWA Date: 05/24/04

Courier name: STL San Francisco Client ~~WOLFE~~ ABC

Custody seals intact on shipping container/samples

Yes ___ No ___ Not Present

Chain of custody present?

Yes No ___

Chain of custody signed when relinquished and received?

Yes No ___

Chain of custody agrees with sample labels?

Yes No ___

Samples in proper container/bottle?

Yes No ___

Sample containers intact?

Yes No ___

Sufficient sample volume for indicated test?

Yes No ___

All samples received within holding time?

Yes No ___

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

Temp 6.0 °C Yes No ___

Ice Present Yes No ___

Water - VOA vials have zero headspace?

No VOA vials submitted Yes 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? 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: ____/____/04

Client contacted: Yes No

Summary of discussion:

Corrective Action (per PM/Client):



2004-05-0820

Chain of Custody Record

Project Name Station 608 - 18501 Hesperian Blvd, San Lorenzo, CA
 Business Unit Atlantic Richfield Company/Northern CA Portfolio
 BP Laboratory Contract Number: 4 8 1 0 0 0

Date: 5/19/04

Requested Due Date: 6/1/04
 (mm/dd/yy - 2 weeks from sampling date)

On-site Time:	1320	Temp:	74
Off-site Time:	1430	Temp:	75
Sky Conditions:	Sunny		
Meteorological Events:	None		
Wind Speed:	N/A	Direction:	N/A

Send To:	BP/GEM Facility No.: Station 608	Consultant: URS Oakland
Lab Name: STL - SF	BP/GEM Facility Address: 18501 Hesperian Blvd, San Lorenzo, CA	Address: 500 12th Street, #200
Lab Address: 1220 Quarry Lane Pleasanton, CA 94566	Site ID No. Station 608	Oakland, CA 94607
	California Global ID #: T0600101655	e-mail EDD: Scott_Robinson@URSCorp.com
	BP/GEM PM Contact: Paul Supple	Consultant Project No.: 38486314.0L041
Lab PM: Afaneh Salimpour	Address: P.O. Box 6549, Moraga, CA 94570	Consultant Tele/Fax: 510-874-3280/510-874-3268
Tele/Fax: 925.484.1919/925.484.1096	Tele/Fax: 925-299-8891/925-299-8872	Consultant PM: Scott Robinson
Report Type & QC Level: Normal		Invoice to: Atlantic Richfield Company
BP/GEM Account No:		BP/GEM Work Release No:

Item No.	Field Point ID	Sample ID	Time	Matrix				Laboratory No.	No. of containers	Preservatives				Requested Analysis				Sample Point Lat/Long and Comments
				Soil/Solid	Water/Liquid	Sediments	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	GRO (8260)	BTEX (8260)	MTBE (8260)	COD	
1	INFL	INFL	1355	X				3				X	X	X			X	
2	MID-1	MID-1	1350	X				3				X	X	X			X	
3	MID-2	MID-2	1345	X				3				X	X	X			X	
4	BPFL	BPFL	1340	X				5	X	X		X	X	X	X	X	X	
5																		
6																		
7																		
8																		
9																		
10																		

Sampler's Name:	Relinquished By / Affiliation	Date / Time	Accepted By / Affiliation	Date	Time
George Barabian	[Signature]	5/19/04 1440	[Signature] STL-SAC	5/20/04	1440
Shipment Date: 5/20/04	[Signature]	5/20/04 10:50	[Signature]	5/20/04	10:50
Shipment Method: Hand Deliver	[Signature]	5/20/04 1335	[Signature]	5/21/04	1335

Special Instructions: COD = Chemical Oxygen Demand (3 VCS's w/ H2SO4), TSS = Total Suspended Solids (1 Liter poly unpreserved)

Custody Seals In Place Yes No Temperature Blank Yes No Cooler Temperature on Receipt 6.0 °F/C Trip Blank Yes No



4 June, 2004

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

RE: BP
Work Order: P405456

Enclosed are the results of analyses for samples received by the laboratory on 05/24/04 12:45. 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:2004-04-0820/ARCO#608
Project Manager:Afsaneh Salimpour

P405456
Reported:
06/04/04 15:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFFL	P405456-01	Water	05/19/04 13:40	05/24/04 12:45

09/01/04

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

Project:BP
 Project Number:2004-04-0820/ARCO#608
 Project Manager:Afsaneh Salimpour

P405456
 Reported:
 06/04/04 15:58

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

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
EFFL (P405456-01) Water Sampled: 05/19/04 13:40 Received: 05/24/04 12:45										
Chemical Oxygen Demand	ND	20000		ug/l	1	4060031	06/02/04	06/02/04	EPA 410.4	

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

 Project:BP
 Project Number:2004-04-0820/ARCO#608
 Project Manager:Afsaneh Salimpour

 P405456
 Reported:
 06/04/04 15:58

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 4060031 - General Preparation										
Blank (4060031-BLK1)				Prepared & Analyzed: 06/02/04						
Chemical Oxygen Demand	ND	20000	ug/l							
Laboratory Control Sample (4060031-BS1)				Prepared & Analyzed: 06/02/04						
Chemical Oxygen Demand	244000	20000	ug/l	250000	8600	98	80-120			
Matrix Spike (4060031-MS1)				Prepared & Analyzed: 06/02/04						
Chemical Oxygen Demand	480000	40000	ug/l	500000	8600	94	75-125			
Matrix Spike Dup (4060031-MSD1)				Prepared & Analyzed: 06/02/04						
Chemical Oxygen Demand	500000	40000	ug/l	500000	8600	98	75-125	4	20	



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

Project:BP
Project Number:2004-04-0820/ARCO#608
Project Manager:Afsaneh Salimpour

P405456
Reported:
06/04/04 15:58

Notes and Definitions

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

P405456

SEVERN
TRENT

STL

Chain of Custody

Date Shipped: 5/24/2004
2004-05-0820 - 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) 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 #: 2004-05-0820 Project #: Consultant Project
No: 38486314.0L041
CL PO #: Project Name: BP Facility No: 608

EFFL	P405456-01	4	5/19/2004 1:40:00PM	Water	
Subcontract - COD				410.4	5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

COOLER CUSTODY SEALS INTACT

NO CONTACT

COOLER TEMPERATURE 4.0 °C

RELINQUISHED BY: *[Signature]* 0840
Signature: *[Signature]* Time: 0840
Printed Name: M. VILLANUEVA Date: 5/24/04
Company: STL SF

RECEIVED BY: *[Signature]* 800 1.
Signature: *[Signature]* Time: 800
Printed Name: *[Signature]* Date: 5/24/04
Company:

RELINQUISHED BY: *[Signature]* 1245 2.
Signature: *[Signature]* Time: 1245
Printed Name: *[Signature]* Date: 5/24/04
Company:

RECEIVED BY: *[Signature]* 1245 2.
Signature: *[Signature]* Time: 1245
Printed Name: SARAH AGUIRRE Date: 5/24/04
Company: Seq-Perf

RELINQUISHED BY: 3.
Signature: _____ Time: _____
Printed Name: _____ Date: _____
Company: _____

RECEIVED BY: 3.
Signature: _____ Time: _____
Printed Name: _____ Date: _____
Company: _____

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: SRL
 REC. BY (PRINT) SA
 WORKORDER: P40545L

DATE Received at Lab: 5/24/04
 TIME Received at Lab: 1245
 LOG IN DATE: 5/24/04

(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 Intact / Broken*			EFCL	3xVH ₂ SO ₄	W	5/19/04	
2. Chain-of-Custody Present <input checked="" type="radio"/> / Absent*			<div style="font-size: 4em; opacity: 0.5;">X</div>	<div style="font-size: 4em; opacity: 0.5;">X</div>	<div style="font-size: 4em; opacity: 0.5;">X</div>	<div style="font-size: 4em; opacity: 0.5;">X</div>	<div style="font-size: 4em; opacity: 0.5;">X</div>
3. Traffic Reports or Packing List: Present <input checked="" type="radio"/> / Absent*							
4. Airbill: Airbill / Sticker Present <input checked="" type="radio"/> / Absent*							
5. Airbill #:							
6. Sample Labels: Present <input checked="" type="radio"/> / Absent							
7. Sample IDs: Listed <input checked="" type="radio"/> / Not Listed on Chain-of-Custody							
8. Sample Condition: Intact <input checked="" type="radio"/> / Broken* / Leaking*							
9. Does information on custody reports, traffic reports and sample labels agree? Yes <input checked="" type="radio"/> / No*							
10. Sample received within hold time: Yes <input checked="" type="radio"/> / No*							
11. Proper Preservatives used: Yes <input checked="" type="radio"/> / No*							
12. Temp Rec. at Lab: <u>4.0</u> (Acceptance range for samples requiring thermal pres.: 4 +/- 2°C) Yes <input checked="" type="radio"/> / No*							

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

2004-05-0820

86165

Page 1 of 1



Chain of Custody Record

Project Name Station 608 -18501 Hesperian Blvd, San Lorenzo, CA
 Business Unit Atlantic Richfield Company/Northern CA Portfolio
 BP Laboratory Contract Number: 4 6 1 0 0 0

Date: 5/19/04

Requested Due Date: 6/1/04
 (min/dd/yy - 2 weeks from sampling date)

On-site Time: <u>1320</u>	Temp: <u>74</u>
Off-site Time: <u>1450</u>	Temp: <u>75</u>
Sky Conditions: <u>Sunny</u>	
Meteorological Events: <u>None</u>	
Wind Speed: <u>N/A</u>	Direction: <u>N/A</u>

Send To:	BP/GEM Facility No.: <u>Station 608</u>	Consultant: <u>URS Oakland</u>
Lab Name: <u>STL - SF</u>	BP/GEM Facility Address: <u>18501 Hesperian Blvd, San Lorenzo, CA</u>	Address: <u>500 12th Street, #200</u>
Lab Address: <u>1220 Quarry Lane</u>	Site ID No: <u>Station 608</u>	<u>Oakland, CA 94607</u>
<u>Pleasanton, CA 94566</u>	California Global ID #: <u>T0600101665</u>	e-mail PDD: <u>Scott.Robinson@URSCorp.com</u>
Lab PM: <u>Abaneh Safimpour</u>	BP/GEM PM Contact: <u>Paul Supple</u>	Consultant Project No.: <u>38486514.0L041</u>
Tele/Fax: <u>925.484.1919/925.484.1096</u>	Address: <u>P.O. Box 6549, Moraga, CA 94579</u>	Consultant Tele/Fax: <u>510.874.3280/510.874.3268</u>
Report Type & QC Level: <u>Normal</u>	Tele/Fax: <u>925.299.8891/925.299.8872</u>	Consultant PM: <u>Scott Robinson</u>
BP/GEM Account No.:		Invoice to: <u>Atlantic Richfield Company</u>
Lab Bottle Order No.:		BP/GEM Work Release No.:

Item No.	Field Point ID	Sample ID	Time	Matrix				Laboratory No.	No. of containers	Preservatives			Requested Analysis				Sample Point Lat/Long and Comments
				Soil/Solid	Water/Liquid	Sediments	Air			Aspreserved	H ₂ SO ₄	HNO ₃	HCl	GR0 (8260)	BTEX (8260)	MTBE (8260)	
1	INFL	INFL	1355	X								X	X	X		X	
2	MID-1	MID-1	1350	X								X	X	X		X	
3	MID-2	MID-2	1345	X								X	X	X		X	
4	BFPL	BFPL	1340	X						X	X	X	X	X	X	X	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler's Name:	Relinquished By / Affiliation	Date / Time	Accepted By / Affiliation	Date	Time
<u>George Braschi</u>	<u>[Signature]</u>	<u>5/19/04 1440</u>	<u>[Signature]</u>	<u>5-20-04</u>	<u>1440</u>
<u>Shipment Date: 5/20/04</u>	<u>[Signature]</u>	<u>5/20/04 1050</u>	<u>[Signature]</u>	<u>5/20/04</u>	<u>1050</u>
<u>Shipment Method: Hand Deliver</u>	<u>[Signature]</u>	<u>5/20/04 1235</u>	<u>[Signature]</u>	<u>5/21/04</u>	<u>1235</u>
<u>Shipment Tracking No.:</u>	<u>[Signature]</u>	<u>5/20/04</u>	<u>[Signature]</u>		

Special Instructions: COD = Chemical Oxygen Demand (3 VOS's w/ H2SO4), TSS = Total Suspended Solids (1 Liter poly unpreserved)

Custody Seals In Place Yes No x Temperature Blank Yes No x Cooler Temperature on Receipt 6.0 °F/C Trip Blank Yes No x

2005-04-20

ATTACHMENT B

OPERATION AND MAINTENANCE FIELD LOGS

Date: 5/17/04

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)		HOUR METER READING (hrs)	<u>12521.5</u>
		Time:	<u>1320</u>

MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	<u>3607,015</u>	
FILTER INLET PRESSURE (psig)	<u>13.0</u>	(ideal range: 8 to 12 psig)
CARBON #1 INLET PRESSURE (psig)	<u>10.5</u>	(ideal range: 5 to 9 psig)
CARBON #2 INLET PRESSURE (psig)	<u>8.6</u>	(ideal range: 1 to 4 psig)
DISCHARGE PRESSURE (psig)	<u>Carbon #3: 4.2</u> <u>0</u>	(ideal range: 0 to 2 psig)

PART B: COMMENTS

RECEIVED
MAY 21 2004
BP UNIT

NV 5/21/04

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	5/19
EFFLUENT	TPH-gasoline, BTEX compounds, MtBE COD, TSS	5/19
MID-1	TPH-gasoline, BTEX compounds, MtBE	5/19
MID-2	TPH-gasoline, BTEX compounds, MtBE	5/19

PART E: READINGS (Monthly)

EFFLUENT	TEMP (°F)	CONDUCTIVITY (umhos)	pH (units)	DISSOLVED OXYGEN (ppm)
	25.7°C	950 µS	6.50	1.40

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	Yes		

RECEIVED

11/5/21/04

Date: 5/6/04

Groundwater Extraction & Treatment System
ARCO Service Station 0608
17601 Hesperian Boulevard
38486314.01041
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)	37912	HOURLY METER READING (hrs)	#12206.1
		Time:	0947

MEASUREMENT	ON ARRIVAL	ON DEPARTURE
TOTALIZER (gallons)	3,579,920	3,579,927
FILTER INLET PRESSURE (psig)	13	(ideal range: 8 to 12 psig)
CARBON #1 INLET PRESSURE (psig)	10 / 8.4 (#2)	(ideal range: 5 to 9 psig)
CARBON #2 INLET PRESSURE (psig)	4.3	(ideal range: 1 to 4 psig)
DISCHARGE PRESSURE (psig)	0	(ideal range: 0 to 2 psig)

PART B: COMMENTS

System O.K.

System Averaging 1,983 gal/day
(1.4 gpm)

Handwritten: 11/5/04

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 5/20/04

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

PART E: READINGS (Monthly)

To be completed 5/20/04

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

PART F: SYSTEM MAINTENANCE I (Monthly)

NUMBER OF SPARE FILTERS ON SITE?	0	CHANGE FILTERS? (if necessary)	Y
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	Y	BACKFLUSH CARBONS	N/A
CLEAN TOTALIZERS	Y		

5/11/04 TW