



March 8, 2006

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

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

Alameda County
MAR 15 2006
Environmental Health

2006 MAR 14 AM 10:37

Dear Mr. Carson:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is operating a groundwater extraction and treatment (GWET) system at the above referenced site. This letter transmits GWET system operational data for the period from February 8, 2006, through February 21, 2006 (Tables 1 and 2). Operational parameters are summarized below.

Treatment System Status:	Operational through 2/21/06
Reporting Period:	2/8/06 to 2/21/06
Volume Discharged this period:	13,600 gallons
Effluent pH Reading:	6.82
Average Flow Rate this period:	0.73 gpm
Analytical Report:	Attachment A
O & M Field Information:	Attachment B

DISCUSSION:

Monthly compliance samples were collected on February 8, 2006, from the influent water stream (INF), between the first and second carbon vessel (MID-1), between the second and third carbon vessel (MID-2), and from the effluent (EFF). The samples were analyzed for gasoline range organics, benzene, toluene, ethylbenzene, total xylenes, and fuel additives by EPA Method 8260B.

During the February 8, 2006, compliance sampling event, the INF sample detected gasoline range organics (GRO) and methyl tert-butyl ether (MTBE) at concentrations of 60 micrograms per liter ($\mu\text{g/L}$) and 15 $\mu\text{g/L}$, respectively. The MID-1 sample detected GRO at 55 $\mu\text{g/L}$. The MID-2 sample detected



GRO and MTBE at concentrations of 66 µg/L and 3.3 µg/L , respectively. No other fuel components were detected at or above their respective laboratory reporting limits in February.

The March 2006 Monthly Discharge Report will be submitted no later than April 10, 2006. If you have any questions regarding this project or require further information, please do not hesitate to call Donna Cosper at 510-874-3019.

Sincerely,

URS CORPORATION

Amber Budd, E.I.T.
Staff Engineer

Alameda County
MAR 15 2006
Environmental Health

John H. Madigan, P.E.
Senior Engineer.



Donna Cosper, E.I.T.
Project Manager

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

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

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

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

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

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

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

Meter Reading Date	Hour Meter Reading (Hrs)		Total (hrs)	System Downtime ^(k) (%)	Volume Reading (gallons)	Net Volume (gallons)	Cumulative Volume Removed (gallons)	Average Flow Rate (gpm)
07/26/05	22,468	m	67,424	68.25	4,369,300	6,083	3,332,825	0.89
08/10/05	22,827		67,783	0.22	4,388,486	19,186	3,352,011	0.89
08/25/05	23,184		68,140	0.94	4,407,134	18,648	3,370,659	0.87
09/07/05	23,497		68,453	0.00	4,421,840	14,706	3,385,365	0.78
09/20/05	23,812		68,768	0.00	4,436,511	14,671	3,400,036	0.78
10/04/05	24,150		69,106	0.00	4,451,324	14,813	3,414,849	0.73
10/18/05	24,483		69,439	1.01	4,465,577	14,253	3,429,102	0.71
11/02/05	24,956	n	69,912	0.00	4,480,107	14,530	3,443,632	0.51
11/16/05	25,178		70,134	34.05	4,495,190	15,083	3,458,715	1.13
11/29/05	25,491		70,447	0.00	4,508,180	12,990	3,471,705	0.69
12/13/05	25,825		70,781	0.00	4,523,250	15,070	3,486,775	0.75
12/27/05	26,163		71,119	0.00	4,538,830	15,580	3,502,355	0.77
01/12/06	26,546		71,502	0.26	4,562,040	23,210	3,525,565	1.01
01/24/06	26,835		71,791	-0.35	4,577,920	15,880	3,541,445	0.92
02/08/06	27,195		72,151	0.03	4,595,860	17,940	3,559,385	0.83
02/21/06	27,505		72,461	0.61	4,609,460	13,600	3,572,985	0.73

REPORTING PERIOD:	2/8/06 to 2/21/06
PERIOD AVERAGE FLOW RATE (gpm):	0.73
PERIOD VOLUME DISCHARGED (gallons):	13,600

hrs = hours

gpm = gallons per minute

N/A = not analyzed/not applicable/not available

Initial 3-hour startup pumping period May 31, 2000

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

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

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

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

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	---	---	---	---	---
07/14/92	---	---	---	---	---	---	---	---	---	---
08/18/92	---	---	---	---	---	---	---	---	---	---
09/15/92	---	---	---	---	---	---	---	---	---	---
10/16/92	---	---	---	---	---	---	---	---	---	---
11/18/92	---	---	---	---	---	---	---	---	---	---
12/17/92	---	---	---	---	---	---	---	---	---	---
01/18/93	---	---	---	---	---	---	---	---	---	---
02/22/93	---	---	---	---	---	---	---	---	---	---
03/15/93	---	---	---	---	---	---	---	---	---	---
04/09/93	---	---	---	---	---	---	---	---	---	---
05/13/93	---	---	---	---	---	---	---	---	---	---
06/04/93	---	---	---	---	---	---	---	---	---	---
07/14/94	ND	ND	ND	ND	ND	---	---	---	---	---
08/17/94	---	---	---	---	---	---	---	---	---	---
09/12/94	---	---	---	---	---	---	---	---	---	---
10/18/94	---	---	---	---	---	---	---	---	---	---
11/05/94	---	---	---	---	---	---	---	---	---	---
12/05/94	---	---	---	---	---	---	---	---	---	---
01/04/95	---	---	---	---	---	---	---	---	---	---
02/06/95	---	---	---	---	---	---	---	---	---	---
03/02/95	---	---	---	---	---	---	---	---	---	---
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	3.3	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	5.7	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	9	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	26	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	17	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	39	---	---	---	---
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	58	---	---	---	---
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	55	---	---	---	---
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	100	---	---	---	---
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	51	---	---	---	---
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	66	---	---	---	---

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

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-1 (between primary and secondary carbons) (cont.)										
2/13/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	130	---	---	---	---
3/27/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	120	---	---	---	---
4/24/03 ¹	280	<2.5	<2.5	<2.5	<2.5	110	---	---	---	---
5/30/03 ¹	<250	<2.5	<2.5	<2.5	<2.5	140	---	---	---	---
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	110	---	---	---	---
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (1.3) ²	---	---	---	---
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	1.1	---	---	---	---
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	1.2	---	---	---	---
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.3	---	---	---	---
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	1.2	---	---	---	---
03/18/04	67	<0.50	<0.50	<0.50	<1.0	1.4	---	---	---	---
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	1.5	---	---	---	---
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.3	---	---	---	---
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	2.0	---	---	---	---
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	1.8	---	---	---	---
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	1.6	---	---	---	---
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	2.0	---	---	---	---
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	1.5	---	---	---	---
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	1.9	---	---	---	---
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
02/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.9	---	---	---	---
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	2.4	---	---	---	---
05/18/05	58 ³	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	3.2	---	---	---	---
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	2.2	---	---	---	---
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	---	---	---	---
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
02/08/06	55	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---
MID-2 (between secondary and tertiary carbons)										
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/08/00	---	---	---	---	---	---	---	---	---	---
09/08/00	---	---	---	---	---	---	---	---	---	---
10/10/00	---	---	---	---	---	---	---	---	---	---
11/07/00	---	---	---	---	---	---	---	---	---	---
12/05/00	---	---	---	---	---	---	---	---	---	---
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	4.7	---	---	---	---

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

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
MID-2 (between secondary and tertiary carbons) (cont.)										
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
11/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1	--	--	--	--
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.94	--	--	--	--
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	0.95	--	--	--	--
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	1.1	--	--	--	--
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5) ¹	--	--	--	--
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
03/18/04	86	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
02/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	--	--	--	--
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	3.2	--	--	--	--
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	2.5	--	--	--	--
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	1.6	--	--	--	--
02/08/06	66	<0.50	<0.50	<0.50	<1.0	3.3	--	--	--	--
EFFL (effluent to sewer)										
09/26/91	<30	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--
10/22/91	<30	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--
11/22/91	<30	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--
12/19/91	<30	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--
01/16/91	<30	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--
02/19/92	<30	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--
03/17/92	<30	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--
04/15/92	<30	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--
05/14/92	<30	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--
06/19/92	<30	<0.30	<0.30	<0.30	<0.30	--	--	--	--	--
07/14/92	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
08/18/92	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
09/15/92	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
10/16/92	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
11/18/92	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
12/17/92	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
01/18/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--

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

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (cont.)										
02/22/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
03/15/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
04/09/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
05/13/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
06/04/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
07/20/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
08/16/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
09/13/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
10/08/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
11/19/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
12/21/93	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
01/18/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
02/17/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
03/15/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
04/21/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
05/13/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
06/14/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
07/14/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
08/17/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
09/12/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
10/18/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
11/05/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
12/05/94	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
01/04/95	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
02/06/95	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
03/02/95	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
04/04/95	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
05/02/95	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
06/05/95	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
07/06/95	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
08/21/95	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--	--
06/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	7.19	--
06/12/00	<50	--	--	--	--	--	--	--	--	--
07/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	32.1	<10	7.08	--
08/10/00	<50	<0.50	<0.50	<0.50	<0.50	<5.0	23.4	<10	6.67	--
09/08/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	29.2	<10	6.82	--
10/10/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.25	--
11/07/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.24	--
12/05/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	44	<10	7.48	--
01/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.00	--
02/06/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	10.7	7.03	--
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.04	--
04/18/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	28.5	<10	7.06	--
05/04/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.31	--
06/09/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.05	--
07/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.10	--
08/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	14	7.09	--
09/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	70	<10	7.07	--
10/05/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	55	<10	6.89	--
11/13/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	150	<10	6.98	--
12/11/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	34	<10	7.01	--
01/04/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	52	<10	7.22	--
02/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.91	--
03/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.77	--
04/08/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.52	--
05/16/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.60	--
10/07/02	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
11/07/02	<50	<0.50	<0.50	<0.50	0.74	<2.5	<30	<10	7.80	--
12/05/02	<50	<0.50	<0.50	<0.50	<0.50	<2.0	<30	<10	7.40	0.27
01/03/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<30	<10	7.50	--

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

Date Sampled	GRO/TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	COD (mg/L)	TSS (mg/L)	pH (units)	DO (mg/L)
EFFL (effluent to sewer) (cont.)										
2/13/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	7.15	0.12
3/27/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	32	<10	7.50	0.08
4/24/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.95	10.23
5/30/03 ¹	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<30	<10	6.95	—
06/19/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.02	9.75
07/24/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.07	3.00
08/28/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	7.03	2.12
09/25/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5	<20	<10	6.79	2.70
10/23/03	<50	<0.50	<0.50	<0.50	<0.50	<2.5 (<0.5) ²	<20	<10	6.82	3.45
11/20/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.94	0.84
12/18/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.01	0.94
01/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.12	0.85
02/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	10	6.57	3.82
03/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	7.08	0.97
04/07/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	—	—	—	—
04/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	27	<10	6.69	1.64
05/19/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	20	13	6.50	1.40
06/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.79	0.75
07/22/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.81	1.09
08/26/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	19	7.20	1.20
09/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	7.20	1.20
10/21/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.89	2.60
11/18/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	14	6.95	0.34
12/16/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<20	<10	6.92	2.00
01/19/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.78	1.26
02/16/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.61	2.01
03/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.48	0.75
04/20/05	<50 ³	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.66	0.67
05/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.56	1.75
06/15/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.78	1.24
07/26/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<20	6.82	1.03
08/25/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.91	1.07
09/20/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.86	2.33
10/18/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.61	2.35
11/16/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	6.59	36.6 ⁴
12/13/05	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<30	<10	7.3	2.93
01/12/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<20	7.2	15.0 ⁴
02/08/06	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<20	6.82	3.02

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

SYMBOLS AND ABBREVIATIONS:

—	=Not applicable/available/sampled
<	=Not detected at or above the laboratory reporting limit.
COD	=Chemical oxygen demand
DO	=Dissolved Oxygen, field measurement
GRO	=Gasoline Range Organics
µg/L	=Micrograms per liter
mg/L	=Milligrams per liter
MTBE	=Methyl tert-Butyl Ether
ND	=Not detected at or above the laboratory reporting limit
TPH-g	=Total purgeable petroleum hydrocarbons as gasoline
TSS	=Total suspended solids

FOOTNOTES:

- 1 =Analyzed with EPA Method 8260
- 2 =MTBE concentration analyzed by EPA methods 8021B and 8260B (Results of EPA Method 8260 shown in parenthesis).
- 3 = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
- 4 = Value appears to be anomalous.

NOTES:

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

ATTACHMENT A

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

URS-Oakland, CA

February 28, 2006

1333 Broadway, Suite 800
Oakland, CA 94612

Attn.: Scott Robinson

Project#: 38487015

Project: 608

Site: 17601 Hesperian Blvd, San Lorenzo

Attached is our report for your samples received on 02/08/2006 12:40
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

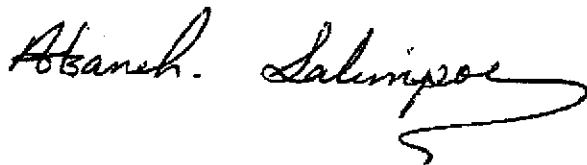
The report contains a Case Narrative detailing sample receipt and analysis.

Please note that any unused portion of the samples will be discarded after
03/25/2006 unless you have requested otherwise.

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

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

Sincerely,



Afsaneh Salimpour
Project Manager

Severn Trent Laboratories, Inc.

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

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

URS-Oakland, CA

February 28, 2006

1333 Broadway, Suite 800
Oakland, CA 94612

Attn.: Scott Robinson

Project#: 38487015

Project: 608

Site: 17601 Hesperian Blvd, San Lorenzo

Case Narrative

General and Sample Comments

We (STL San Francisco) received 5 Water samples , on Wednesday, February 08, 2006 12:40 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: 38487015

608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
EFFL-020806	02/08/2006 11:40	Water	4

Severn Trent Laboratories, Inc.

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

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

02/15/2006 15:28

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

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

Project: 38487015

608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Prep(s): 160.2	Test(s): 160.2
Sample ID: EFFL-020806	Lab ID: 2006-02-0020 - 4
Sampled: 02/08/2006 11:40	Extracted: 2/14/2006 09:43
Matrix: Water	QC Batch#: 2006/02/14-01.29

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
TSS	ND	20	mg/L	1.00	02/14/2006 15:45	

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

02/15/2006 15:28

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

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

Project: 38487015

608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Batch QC Report

Prep(s): 160.2

Method Blank

MB: 2006/02/14-01.29-001

Water

Test(s): 160.2

QC Batch # 2006/02/14-01.29

Date Extracted: 02/14/2006 09:43

Compound	Conc.	RL	Unit	Analyzed	Flag
TSS	ND	20	mg/L	02/14/2006 15:45	

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

02/15/2006 15:28

Total Suspended Solids (TSS)

URS-Oakland, CA
Attn.: Scott Robinson

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

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Batch QC Report

Prep(s): 160.2

Test(s): 160.2

Laboratory Control Spike

Water

QC Batch # 2006/02/14-01.29

LCS 2006/02/14-01.29-002

Extracted: 02/14/2006

Analyzed: 02/14/2006 15:45

LCSD 2006/02/14-01.29-003

Extracted: 02/14/2006

Analyzed: 02/14/2006 15:45

Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
TSS	879	851	1000	87.9	85.1	3.2	80-120	20		

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

02/15/2006 15:28

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

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

Project: 38487015

608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
INF-020806	02/08/2006 11:55	Water	1
MID-1-020806	02/08/2006 11:50	Water	2
MID-2-020806	02/08/2006 11:45	Water	3
EFFL-020806	02/08/2006 11:40	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

02/23/2006 07:56

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

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

Project: 38487015

608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Prep(s):	5030B	Test(s):	8260B
Sample ID:	INF-020806	Lab ID:	2006-02-0020 - 1
Sampled:	02/08/2006 11:55	Extracted:	2/18/2006 19:31
Matrix:	Water	QC Batch#:	2006/02/18-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	60	50	ug/L	1.00	02/18/2006 19:31	
Benzene	ND	0.50	ug/L	1.00	02/18/2006 19:31	
Toluene	ND	0.50	ug/L	1.00	02/18/2006 19:31	
Ethylbenzene	ND	0.50	ug/L	1.00	02/18/2006 19:31	
Total xylenes	ND	1.0	ug/L	1.00	02/18/2006 19:31	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	02/18/2006 19:31	
Methyl tert-butyl ether (MTBE)	15	0.50	ug/L	1.00	02/18/2006 19:31	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	02/18/2006 19:31	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	02/18/2006 19:31	
tert-Amyl methyl ether (TAME)	0.63	0.50	ug/L	1.00	02/18/2006 19:31	
Surrogate(s)						
1,2-Dichloroethane-d4	107.1	73-130	%	1.00	02/18/2006 19:31	
Toluene-d8	96.5	81-114	%	1.00	02/18/2006 19:31	

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

02/23/2006 07:56

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

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

Project: 38487015

608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Prep(s): 5030B	Test(s): 8260B
Sample ID: MID-1-020806	Lab ID: 2006-02-0020 - 2
Sampled: 02/08/2006 11:50	Extracted: 2/18/2006 19:54
Matrix: Water	QC Batch#: 2006/02/18-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	55	50	ug/L	1.00	02/18/2006 19:54	
Benzene	ND	0.50	ug/L	1.00	02/18/2006 19:54	
Toluene	ND	0.50	ug/L	1.00	02/18/2006 19:54	
Ethylbenzene	ND	0.50	ug/L	1.00	02/18/2006 19:54	
Total xylenes	ND	1.0	ug/L	1.00	02/18/2006 19:54	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	02/18/2006 19:54	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/18/2006 19:54	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	02/18/2006 19:54	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	02/18/2006 19:54	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	02/18/2006 19:54	
Surrogate(s)						
1,2-Dichloroethane-d4	107.2	73-130	%	1.00	02/18/2006 19:54	
Toluene-d8	98.6	81-114	%	1.00	02/18/2006 19:54	

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

02/23/2006 07:56

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

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

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Prep(s): 5030B	Test(s): 8260B
Sample ID: MID-2-020806	Lab ID: 2006-02-0020 - 3
Sampled: 02/08/2006 11:45	Extracted: 2/18/2006 20:18
Matrix: Water	QC Batch#: 2006/02/18-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	66	50	ug/L	1.00	02/18/2006 20:18	
Benzene	ND	0.50	ug/L	1.00	02/18/2006 20:18	
Toluene	ND	0.50	ug/L	1.00	02/18/2006 20:18	
Ethylbenzene	ND	0.50	ug/L	1.00	02/18/2006 20:18	
Total xylenes	ND	1.0	ug/L	1.00	02/18/2006 20:18	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	02/18/2006 20:18	
Methyl tert-butyl ether (MTBE)	3.3	0.50	ug/L	1.00	02/18/2006 20:18	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	02/18/2006 20:18	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	02/18/2006 20:18	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	02/18/2006 20:18	
Surrogate(s)						
1,2-Dichloroethane-d4	107.4	73-130	%	1.00	02/18/2006 20:18	
Toluene-d8	99.3	81-114	%	1.00	02/18/2006 20:18	

Severn Trent Laboratories, Inc.

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02/23/2006 07:56

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

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

Project: 38487015

608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Prep(s): 5030B	Test(s): 8260B
Sample ID: EFFL-020806	Lab ID: 2006-02-0020 - 4
Sampled: 02/08/2006 11:40	Extracted: 2/18/2006 20:41
Matrix: Water	QC Batch#: 2006/02/18-1A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	1.00	02/18/2006 20:41	
Benzene	ND	0.50	ug/L	1.00	02/18/2006 20:41	
Toluene	ND	0.50	ug/L	1.00	02/18/2006 20:41	
Ethylbenzene	ND	0.50	ug/L	1.00	02/18/2006 20:41	
Total xylenes	ND	1.0	ug/L	1.00	02/18/2006 20:41	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	02/18/2006 20:41	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	02/18/2006 20:41	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	02/18/2006 20:41	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	02/18/2006 20:41	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	02/18/2006 20:41	
Surrogate(s)						
1,2-Dichloroethane-d4	106.7	73-130	%	1.00	02/18/2006 20:41	
Toluene-d8	101.0	81-114	%	1.00	02/18/2006 20:41	

Severn Trent Laboratories, Inc.

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02/23/2006 07:56

Page 5 of 8

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

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

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2006/02/18-1A.69-034

Water

Test(s): 8260B
QC Batch # 2006/02/18-1A.69
Date Extracted: 02/18/2006 13:34

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C4-C12)	ND	50	ug/L	02/18/2006 13:34	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	02/18/2006 13:34	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	02/18/2006 13:34	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	02/18/2006 13:34	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	02/18/2006 13:34	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	02/18/2006 13:34	
Benzene	ND	0.5	ug/L	02/18/2006 13:34	
Toluene	ND	0.5	ug/L	02/18/2006 13:34	
Ethylbenzene	ND	0.5	ug/L	02/18/2006 13:34	
Total xylenes	ND	1.0	ug/L	02/18/2006 13:34	
Surrogates(s)					
1,2-Dichloroethane-d4	107.4	73-130	%	02/18/2006 13:34	
Toluene-d8	97.6	81-114	%	02/18/2006 13:34	

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

02/23/2006 07:56

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

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

Project: 38487015
608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2006/02/18-1A.69

LCS 2006/02/18-1A.69-049

Extracted: 02/18/2006

Analyzed: 02/18/2006 12:49

LCSD 2006/02/18-1A.69-011

Extracted: 02/18/2006

Analyzed: 02/18/2006 13:11

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	23.6	23.2	25	94.4	92.8	1.7	65-165	20		
Benzene	24.5	24.0	25	98.0	96.0	2.1	69-129	20		
Toluene	23.9	23.6	25	95.6	94.4	1.3	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	526	537	500	105.2	107.4		73-130			
Toluene-d8	500	502	500	100.0	100.4		81-114			

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

02/23/2006 07:56

Gas/BTEX Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

1333 Broadway, Suite 800

Oakland, CA 94612

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

Project: 38487015

608

Received: 02/08/2006 12:40

Site: 17601 Hesperian Blvd, San Lorenzo

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)

Water

QC Batch # 2006/02/18-1A.69

MS/MSD

Lab ID: 2006-02-0023 - 015

MS: 2006/02/18-1A.69-058

Extracted: 02/18/2006

Analyzed: 02/18/2006 13:58

Dilution: 1.00

MSD: 2006/02/18-1A.69-020

Extracted: 02/18/2006

Analyzed: 02/18/2006 14:20

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	115	117	94.9	25	80.4	88.4	9.5	65-165	20		
Benzene	26.6	23.8	ND	25	106.4	95.2	11.1	69-129	20		
Toluene	25.7	22.8	ND	25	102.8	91.2	12.0	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	519	548		500	103.8	109.6		73-130			
Toluene-d8	507	501		500	101.4	100.2		81-114			

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

02/23/2006 07:56



STL

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921
www.stl-inc.com

February 14, 2006

STL LOT NUMBER: **E6B090228**
PO/CONTRACT: 2006-02-0020-1

Afsaneh Salimpour
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Dear Afsaneh Salimpour,

This report contains the analytical results for the sample received under chain of custody by STL Los Angeles on February 9, 2006. This sample is associated with your 38487015/608 project.

STL Los Angeles certifies that the test results provided in this report meet all the requirements of NELAP. NELAP Certification Number for STL Los Angeles is 01118CA.

All applicable quality control procedures met method-specified acceptance criteria. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. See Project Receipt Checklist for container temperature and conditions. Temperature reading between 2 to 6 degrees Celsius is considered within acceptable criteria. Any matrix related anomaly is footnoted within the report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

This report contains 000015 pages.

If you have any questions, please feel free to call me at (714) 258-8610.

Sincerely,

Terry Swart
Project Management Assistant
CC: Project File



STL

Chain of Custody

Date Shipped: 2/8/2006
E6B090228
2006-02-0020 - 1

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

To:
STL Los Angeles - Sub contract
1721 South Grand Avenue
Santa Ana, CA 92705

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

Phone: (714) 258-8610 Ext:
Fax: (714) 258-0921
Contact: Sample Control
Phone: (714) 258-8610 Ext:

CL Submission #: 2006-02-0020
CL PO #:

Project #: 38487015
Project Name: 608
EDF Global ID: T000100085

Client Sample ID	CL#	Sample	Matrix	Analysis	Method	Unit
EFFL-020806	4	2/8/2006 11:40:00AM	Water			
EDF Field ID: EFFL						
Subcontract - COD			410.4			5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

BP

RELINQUISHED BY: 1.

Signature: *[Signature]* Time: 14:00

Printed Name: *[Signature]* Date: 2/6/06

Company: *[Signature]*

RELINQUISHED BY: 2.

Signature: _____ Time: _____

Printed Name: _____ Date: _____

Company: _____

RELINQUISHED BY: 3.

Signature: _____ Time: _____

Printed Name: _____ Date: _____

Company: _____

RECEIVED BY: 1.

Signature: *[Signature]* Time: 11:00

Printed Name: STEVE GONZALES Date: 2/9/06

Company: STL-LA

RECEIVED BY: 2.

Signature: _____ Time: _____

Printed Name: _____ Date: _____

Company: _____

RECEIVED BY: 3.

Signature: _____ Time: _____

Printed Name: _____ Date: _____

Company: _____

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 2/9/06

Single Cooler Only

LIMS Lot #: E6B090228

Quote #: 60113

Client Name: STL-SF

Project: COB

Received by: SG

Date/Time Received: 2/9/06 11:00

Delivered by: Client STL DHL Fed Ex UPS Other

Custody Seal Status Cooler: Intact Broken None Initial / Date SG 2/9/06

Custody Seal Status Samples: Intact Broken None

Custody Seal #(s): 651122 No Seal #.....

Sampler Signature on COC Yes No N/A.....

IR Gun # A Correction Factor -.5 °C IR passed daily verification Yes No.....

Temperature - BLANK 5.7 °C -.5 CF = 5.2 °C...Cooler #1 ID N/A

Temperature - COOLER (°C °C °C °C) = avg °C -.5 CF = °C.....

Samples outside temperature criteria but received within 6 hours of final sampling. Yes N/A.....

Sample Container(s): STL-LA Client

pH measured: Yes Anomaly (if checked, notify lab and file NCM) N/A.....

Anomalies: No Yes - complete CUR and Create NCM

Complete shipment received in good condition with correct temperatures, containers, labels, volumes, preservatives and within method specified holding times. Yes No.....

Labeled by: SG

Turn Around Time: RUSH-24HR RUSH-48HR RUSH-72HR NORMAL..... SG 2/9/06

***** LEAVE NO BLANK SPACES ; USE N/A *****

Headspace Anomaly					
Lab ID	Container(s) #	Headspace	Lab ID	Container(s) #	Headspace
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm
		<input type="checkbox"/> > 6mm			<input type="checkbox"/> > 6mm

Fraction	1																			
VOAH																				
SLPB S	1																			

H: HCL, S: H2SO4, N: HNO3, V: VOA, SL, Sleeve, E: Encore, PB: Poly Bottle, CGB: Clear Glass Bottle, AGJ: Amber Glass Jar, T: Terracore
 AGB: Amber Glass Bottle, n/f/HNO3-Lab filtered, n/EHNO3-Field filtered, znna: Zinc Acetate/Sodium Hydroxide, Na2s2o3: sodium thiosulfate

Condition Upon Receipt Anomaly Form		Anomalies <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A <i>2/19/06</i>
<ul style="list-style-type: none"> ▪ COOLERS <input type="checkbox"/> Not Received (received COC only) <input type="checkbox"/> Leaking <input type="checkbox"/> Other: ▪ TEMPERATURE (SPECS 4 ± 2°C) <input type="checkbox"/> Cooler Temp(s) <input type="checkbox"/> Temperature Blank(s) ▪ CONTAINERS <input type="checkbox"/> Leaking <input type="checkbox"/> Voa Vials with Bubbles > 6mm <input type="checkbox"/> Broken <input type="checkbox"/> Extra <input type="checkbox"/> Without Labels <input type="checkbox"/> Other: ▪ SAMPLES <input type="checkbox"/> Samples NOT RECEIVED but listed on COC <input type="checkbox"/> Samples received but NOT LISTED on COC <input type="checkbox"/> Logged based on Label Information <input type="checkbox"/> Logged based on info from other samples on COC <input type="checkbox"/> Logged according to Work Plan <input type="checkbox"/> Logged on HOLD UNTIL FURTHER NOTICE 	<ul style="list-style-type: none"> ▪ CUSTODY SEALS (COOLER(S) CONTAINER(S)) <input type="checkbox"/> None <input type="checkbox"/> Not Intact <input type="checkbox"/> Other ▪ CHAIN OF CUSTODY (COC) <input type="checkbox"/> Not relinquished by Client; No date/time relinquished <input type="checkbox"/> Incomplete information provided <input type="checkbox"/> Other <input type="checkbox"/> COC not received - notify PM. ▪ LABELS <input type="checkbox"/> Not the same ID/Info as in COC <input type="checkbox"/> Incomplete Information <input type="checkbox"/> Markings/Info illegible <input type="checkbox"/> Torn <input type="checkbox"/> Will be noted on COC--Client to send samples with new COC <input type="checkbox"/> Mislabeled as to tests, preservatives, etc. <input type="checkbox"/> Holding time expired - list sample ID and test <input type="checkbox"/> Improper container used <input type="checkbox"/> Not preserved/Improper preservative used <input type="checkbox"/> Improper pH _____ Lab to preserve sample and document <input type="checkbox"/> Insufficient quantities for analysis <input type="checkbox"/> Other 	
Comments: <hr/> <hr/> <hr/> <hr/> <hr/>		
<input type="checkbox"/> Corrective Action Implemented: <input type="checkbox"/> Client Informed: verbally on _____ By: _____ <input type="checkbox"/> In writing on _____ By: _____ <input type="checkbox"/> Sample(s) on hold until: _____ <input type="checkbox"/> Sample(s) processed "as is."		
Logged by/Date: <i>Wendy Linger 2-19-06</i>		Logged by/Date: <i>PM Review/Date: [Signature] 020906</i>

SEVERN
TRENT

STL

Analytical Report

ANALYTICAL REPORT

PROJECT NO. 2006-02-0020-1

38487015/608

Lot #: E6B090228

Afsaneh Salimpour

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

Beth Riley
Project Manager

February 13, 2006

EXECUTIVE SUMMARY - Detection Highlights

E6B090228

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
NO DETECTABLE PARAMETERS				

METHODS SUMMARY

E6B090228

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Chemical Oxygen Demand	MCAWW 410.4	MCAWW 410.4

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",
EPA-600/4-79-020, March 1983 and subsequent revisions.

SAMPLE SUMMARY

E6B090228

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
HW5TD	001	EFFL-020806	02/08/06	11:40

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

STL SAN FRANCISCO

Client Sample ID: EFPL-020806

General Chemistry

Lot-Sample #...: E6B090228-001 Work Order #...: HW5TD Matrix.....: W
Date Sampled...: 02/08/06 11:40 Date Received...: 02/09/06 11:00

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Chemical Oxygen Demand (COD)	ND	10.0	mg/L	MCAWW 410.4	02/09-02/10/06	6040417
		Dilution Factor: 1		Analysis Time...: 12:28	Analyst ID.....: 000064	
		Instrument ID...: W17		MS Run #.....:	MDL.....: 5.0	

SEVERN
TRENT

STL

QA/QC

QC DATA ASSOCIATION SUMMARY

E6B090228

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	W	MCAWW 410.4		6040417	

METHOD BLANK REPORT

General Chemistry

Client Lot #...: E6B090228

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Chemical Oxygen Demand (COD)	ND	10.0	mg/L	MCAWW 410.4	02/09-02/10/06	6040417
		Work Order #: HW6AG1AA		MB Lot-Sample #: E6B090000-417		
		Dilution Factor: 1				
		Analysis Time...: 12:26		Analyst ID.....: 000064	Instrument ID...: W17	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: E6B090228

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Chemical Oxygen Demand (COD)	102	(80 - 120)	MCAWW 410.4	02/09-02/10/06	6040417
		Dilution Factor: 1		Analysis Time..: 12:25	Analyst ID.....: 000064
		Instrument ID...: W17			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: E6B090228

Matrix.....: WATER

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECVRY</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Chemical Oxygen Demand (COD)	50.0	50.9	mg/L	102	MCAWW 410.4	02/09-02/10/06	6040417
				Dilution Factor: 1	Analysis Time..: 12:25	Analyst ID.....: 000064	
				Instrument ID...: W17			

Work Order #: HW6AG1AC LCS Lot-Sample#: E6B090000-417

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.



2006-02-0020

Chain of Custody Record

Project Name: Station 608 - O&M - Remediation
 BP BU/AR Region/Enfos Segment: Retail
 State or Lead Regulatory Agency: Oni Loma Sanitary District
 Requested Due Date (mm/dd/yy): 02/22/06
 (14-day TAT)

On-site Time: 1130	Temp: 60°
Off-site Time: 1215	Temp: 60°
Sky Conditions: CLEAR	
Meteorological Events: NONE	
Wind Speed: N/A	Direction: N/A

Lab Name: STL-SF (Pleasanton)	BP/AR Facility No.: Station 608	Consultant/Contractor: URS Oakland
Address: 1230 Quarry Lane	BP/AR Facility Address: 17601 Hesperian Blvd, San Lorenzo	Address: 1333 Broadway, Suite 800
Pleasanton CA 94566	Site Lat/Long: 37.673888 / -122.123	Oakland CA 94612
Lab PM: Abnaah Salimpour	California Global ID No.: T000100085	Consultant/Contractor Project No.: 38487015
Tele/Fax: 925.484.1919/925.484.1096	Enfos Project No.: C0C24-0005	Consultant/Contractor PM: Scott Robinson
BP/AR PM Contact: Paul Supple	Provision or RCOP: Provision	Tele/Fax: 510.893.3600/510.874.3268
Address: P.O. Box 6549	Phase/WBS: 03 - O&M	Report Type & QC Level: Level 1 and EDF
Moraga CA 94570	Sub Phase/Task: 03 - Analytical	E-mail EDD To: Donna.Cosper@urscorp.com
Tele/Fax: 925.299.8891/925.299.8872	Cost Element: 05 - Subcontractor Costs	Invoice to: Consultant or BP or Atlantic Richfield Co. (circle one)

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis			Sample Point Lat/Long and Comments	
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	BTEX/OSY/TEH (8260)	COD (410.4)	TSS (160.2)		
1	INF - 020806	1155	2/18/06	X				3			X							
2	MID-1 - 020806	1150		X				3			X							
3	MID-2 - 020806	1145		X				3			X							
4	EFFL - 020806	1140		X				3			X							
5	ERFL - 020806	1140		X				1	X					X				
6	ERFL - 020806	1140		X				1	X					X				
7	TRIP BLANK - 020806	1130	✓	X				3			X							HOLD
8																		
9																		
10																		

Sampler's Name: D. Koss	Relinquished By / Affiliation: [Signature]	Date: 2/18/06	Time: 1240	Accepted By / Affiliation: [Signature]	Date: 2-20-06	Time: 1240
Sampler's Company: UPS Group						
Shipment Date: 2/18/06						
Shipment Method: Hand Deliver						
Shipment Trucking No:						

Special Instructions:

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

ATTACHMENT B

OPERATION AND MAINTENANCE FIELD LOGS

Date: 2/9/06

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

System Description:

Groundwater Extraction Wells

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

Abatement Device: Carbon Vessels: three ASC-2,400 lbs
 Filter: Rosedale P2 25 micron
 Equipment Required: pH meter, conductivity and temp meter, water level meter

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

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

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4595860	
ELECTRIC METER READING (kWh)	46036	N/A
Hour Meter Reading (hrs)	27194.9	N/A
Holding Tank Level	N/A	
FILTER INLET PRESSURE (psig)	(Change filter if pressure > 30 psig) <u>18</u>	After changing filter =
CARBON #1 INLET PRESSURE (psig)	(Backflush if pressure > 20 psig) <u>12</u>	After backflush =
CARBON #2 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) <u>12</u>	After backflush =
CARBON #3 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) <u>4</u>	After backflush =
DISCHARGE PRESSURE (psig)		
EFF FLOW RATE (gpm)	0.8 gpm	

PART B: COMMENTS

3 2006

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 02/13/06

PART C: WELL DATA (Monthly)

• Allow system to run 1 hour before obtaining DTW readings

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

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

SAMPLE	ANALYSIS	HOURLY REQUIREMENT	COMPLETE
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14day TAT	3X40 mL HCl VOA's	✓
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14day TAT	3X40 mL HCl VOA's	✓
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14day TAT	3X40 mL HCl VOA's	✓
EFFLUENT	GRO/BTEX /Fuel Oxys (EPA 8260), COD (410.4), TSS (160.2), 14-day TAT	3X40 mL HCl VOA's, 1 unpreserved, 1 H ₂ SO ₄	✓
TRIP BLANK	GRO/BTEX, EPA 8260 (on Hold)	3X40 mL VOA supplied by the lab	✓

PART E: SYSTEM MAINTENANCE (Every Visit)

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

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

Submersible Pumps Checked?	NO	Flow Totalizers Cleaned?	NO
Control Logics Checked?	NO		

PART G: READINGS (Monthly during week 1)

	pH (UNITS):	Temperature (°F):	Electrical Conductivity:	Dissolved Oxygen (ppm):
EFFLUENT				
permit limits:	5.5 to 12.5	150°F	1115	3.02 ppm
	4.82	17.3°		



Chain of Custody Record

Project Name: Station 608 - O&M - Remediation
 BP BU/AR Region/Enfos Segment: Retail
 State or Lead Regulatory Agency: Oro Loma Sanitary District
 Requested Due Date (mm/dd/yy): 02/22/06
 (14-day TAT)

On-site Time: 1130 Temp: 60°
 Off-site Time: 1215 Temp: 60°
 Sky Conditions: Clear
 Meteorological Events: NONE
 Wind Speed: N/A Direction: N/A

Lab Name: <u>STL-SF (Pleasanton)</u>	BP/AR Facility No.: <u>Station 608</u>	Consultant/Contractor: <u>URS Oakland</u>
Address: <u>1220 Quarry Lane</u>	BP/AR Facility Address: <u>17601 Hesperian Blvd, San Lorenzo</u>	Address: <u>1333 Broadway, Suite 800</u>
<u>Pleasanton CA 94566</u>	Site Lat/Long: <u>37.673888 / -122.123</u>	<u>Oakland CA 94612</u>
Lab PM: <u>Afsaneh Salimpour</u>	California Global ID No.: <u>T000100085</u>	Consultant/Contractor Project No.: <u>38487015</u>
Tele/Fax: <u>925.484.1919/925.484.1096</u>	Enfos Project No.: <u>GOC24-0085</u>	Consultant/Contractor PM: <u>Scott Robinson</u>
BP/AR PM Contact: <u>Paul Supple</u>	Provision or RCOP: <u>Provision</u>	Tele/Fax: <u>510.893.3600/510.874.3268</u>
Address: <u>P.O. Box 6549</u>	Phase/WBS: <u>03 - O&M</u>	Report Type & QC Level: <u>Level 1 and BDP</u>
<u>Moraga CA 94570</u>	Sub Phase/Task: <u>03 - Analytical</u>	E-mail EDD To: <u>Donna.Cospen@urscorp.com</u>
Tele/Fax: <u>925.299.8891/925.299.8872</u>	Cost Element: <u>05 - Subcontractor Costs</u>	Invoice to: <u>Consultant or BP or Atlantic Richfield Co. (circle one)</u>

Item No.	Sample Description	Time	Date	Matrix			Laboratory No.	No. of Containers	Preservative					Requested Analysis			Sample Point Lat/Long and Comment
				Soil/Solid	Water/Liquid	Air			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	BTEX/OPY/TPH (8260)	COD (410.4)	TSS (160.2)	
1	INF -020806	1155	2/18/06	X			3			X							
2	MID-1 -020806	1150		X			3			X							
3	MID-2 -020806	1145		X			3			X							
4	EFFL -020806	1140		X			3			X							
5	EFFL -020806	1140		X			1	X									
6	EFFL -020806	1140		X			1	X					X				
7	TRIP BLANK-020806	1130	✓	X			3			X							
8																	HOLD
9																	
10																	

Sampler's Name: <u>D. Koss</u>	Relinquished By: <u>[Signature]</u>	Affiliation: _____	Date: <u>2/18/06</u>	Time: <u>1200</u>	Accepted By: <u>[Signature]</u>	Affiliation: _____	Date: <u>2-28-06</u>	Time: <u>1240</u>
Sampler's Company: <u>URS Group</u>								
Shipment Date: <u>2/18/06</u>								
Shipment Method: <u>Hand Deliver</u>								
Shipment Tracking No: _____								
Special Instructions: _____								

Custody Seals In Place Yes No Temp Blank Yes X No Cooler Temperature on Receipt 2°C Trip Blank Yes X No
 Distribution: White Copy - Laboratory / Yellow Copy - BP/Atlantic Richfield Co. / Pink Copy - Consultant/Contractor
 BP COC Rev. 4 10/1/04

Date: 2/21/06

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

System Description:

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

Abatement Device: Carbon Vessels: three ASC-2,400 lbs
 Filter: Rosedale P2 25 micron
 Equipment Required: pH meter, conductivity and temp meter, water level meter

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

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

MEASUREMENT	ON ARRIVAL	ON DEPARTURE IF BACKFLUSHED OR FILTER CHANGED
TOTALIZER (gallons)	4609460	
ELECTRIC METER READING (kWh)	44200	N/A
Hour Meter Reading (hrs)	27505.0	N/A
Holding Tank Level	N/A	N/A
FILTER INLET PRESSURE (psig)		
CARBON #1 INLET PRESSURE (psig)	(Change filter if pressure > 30 psig) 18	After changing filter = 10
CARBON #2 INLET PRESSURE (psig)	(Backflush if pressure > 20 psig) 8	After backflush = 8
CARBON #3 INLET PRESSURE (psig)	(Backflush if pressure > 10 psig) 9	After backflush = 9
DISCHARGE PRESSURE (psig)	(Backflush if pressure > 10 psig) 4.5	After backflush = 4.5
EFF FLOW RATE (gpm)	0	0
	C.B	

PART B: COMMENTS

RECEIVED

BP UNIT

55
 02/23/06

PART C: WELL DATA (Monthly)

* Allow system to run 1 hour before obtaining DTW readings

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

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

SAMPLE	ANALYSIS	BOTTLE REQUIREMENT	COMPLETION
INFLUENT	GRO/BTEX /Fuel Oxys, EPA 8260, 14day TAT	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14day TAT	3X40 mL HCl VOA's	
MID 1	GRO/BTEX /Fuel Oxys, EPA 8260, 14day TAT	3X40 mL HCl VOA's	
EFFLUENT	GRO/BTEX /Fuel Oxys (EPA 8260), COD (410.4), TSS (160.2), 14-day TAT	3X40 mL HCl VOA's, 1unpreserved, 1 H ₂ SO ₄	
TRIP BLANK	GRO/BTEX, EPA 8260 (on Hold)	3X40 mL VOA supplied by the lab	

PART E: SYSTEM MAINTENANCE (Every Visit)

Sump Pump Tested?	N/A	Enclosure Swept?	YES
Test Compound Float Switch?	YES	Test Filter Pressure Switch?	NO
Air Solenoid Valve?	N/A	Number of Spare Filters On Site?	0
Test Holding Tank Switches?	N/A		

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

Submersible Pumps Checked?	YES EA-1	Flow Totalizers Cleaned?	NO
Control Logics Checked?	YES		

PART G: READINGS (Monthly during week 1)

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