

December 22, 2003

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

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

Dear Mr. Carson:

On behalf of Atlantic Richfield Company (ARCO – a BP affiliated company), URS Corporation (URS) is operating a groundwater extraction and treatment (GWET) system at the site referenced above. This letter transmits GWET system operational data for the period between October 23 and November 20, 2003 (Tables 1 and 2). Operational parameters are summarized in the table shown below. Field data from November 6, 2003, was not available at the time of the report.

| | |
|-------------------------------------|----------------------|
| <i>Treatment System Status:</i> | <i>Operational</i> |
| <i>Reporting Period:</i> | 10/23/03 to 11/20/03 |
| <i>Period Volume Discharged:</i> | 54,412 gallons |
| <i>Effluent pH Reading:</i> | 6.94 |
| <i>Period Flow Rate:</i> | 1.38 gpm |
| <i>Analytical Reports:</i> | Attachment A |
| <i>O & M Field Information:</i> | Attachment B |

URS redeveloped extraction well E-1A on December 9, 2003, to alleviate silt buildup in the well. Silt buildup may have been impeding well recharge, resulting in low system flow rates and contributing to high system pressures. URS will continue to monitor system pressure to see if it decreases to the expected range and will continue to change the inlet filter on a biweekly basis.

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

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

Sincerely,

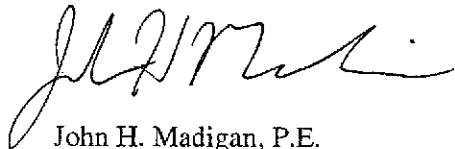
URS CORPORATION



Teresa Tamburello
Staff Engineer



Scott Robinson
Project Manager



John H. Madigan, P.E.



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

cc: Mr. Paul Supple, ARCO, (electronic copy submitted to ENFOS)
Mr. Ron Sykora/Mr. Robert L. Webster, David D. Bohannon Organization, 60 Hillsdale Mall,
San Mateo, CA 94403
Mr. John Kaiser, Regional Water Quality Control Board - San Francisco Bay Region, 1515
Clay Street, Suite 1400, Oakland, CA 94612
Ms. eva chu, Alameda County Health Care Services Agency, 1131 Harbor Bay
Parkway, Alameda, CA 94502

Table 1
Treatment System Metered Volume

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

| Meter Reading Date | Hour Meter Reading (hours) | Total (hours) | System Downtime ^(h) (%) | 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 | g 479 | 45,435 | 58 | 2,528,113 | 168 | 1,551,513 | 0.02 |
| 12/18/02 | g 788 | 45,744 | 1 | 2,555,895 | 27,782 | 1,579,295 | 1.50 |
| 01/03/02 | g 1,174 | 46,130 | 100 | 2,591,359 | 35,464 | 1,614,759 | 1.53 |
| 01/16/03 | g 1,486 | 46,442 | 97 | 2,625,812 | 34,453 | 1,649,212 | 1.84 |
| 02/13/03 | g 2,156 | 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 |

**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) |
|--|----------------------------|---------------|------------------------------------|--------------------------|----------------------|-------------------------------------|-------------------------|
| 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 ^l | NA | NA | NA | NA | NA | NA | NA |
| 11/20/03 | 8,182 | 53,138 | 0 | 3,204,612 | 55,412 | 2,228,012 | 1.38 |
| REPORTING PERIOD: | | | | | | 10/23/03 to 11/20/03 | |
| PERIOD AVERAGE FLOW RATE (gpm): | | | | | | 1.38 | |
| PERIOD VOLUME DISCHARGED: | | | | | | 55,412 | |

gpm = Gallons per minute

N/A = Not available or not applicable

Initial 3-hour startup pumping period May 31, 2000

- a. System restarted 6/5/00 (previously ran 9/25/91 - 8/21/95)
- b. System down during construction to main sewer line starting 6/25/01.
- c. System restarted 8/14/01 following completion of construction work.
- d. Hour meter reading not recorded. Estimated hours using last 3 months average.
- e. Hour meter reading not functioning.
- f. Hour meter replaced.
- g. An error in the table has been corrected to show correct flow rate values.
- h. System was down upon arrival due to utility power outage.
- i. System restarted 5/30/03 after power restored to system.
- j. System was down upon arrival due pump overload. Pump was pulled for cleaning and inspection
- k. Downtime calculated by the following: $100 - [(Hours\ Running\ in\ Period) / [(Days\ in\ Reporting\ Period) * (24\ hours/day)]]$
- l. Data from 11/6/03 site visit is unavailable.

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

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

| Date Sampled | TPH-g ($\mu\text{g/L}$) | Benzene ($\mu\text{g/L}$) | Toluene ($\mu\text{g/L}$) | Ethyl-benzene ($\mu\text{g/L}$) | Xylenes ($\mu\text{g/L}$) | MtBE ($\mu\text{g/L}$) | 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 | 0.5 | 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 | 6.0 | 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 |

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

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

| Date Sampled | TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Xylenes (µg/L) | MtBE (µg/L) | COD (mg/L) | TSS (mg/L) | pH (units) | DO (mg/L) |
|--|-----------------|-------------------|-------------------|-----------------------------|-------------------|----------------|---------------|---------------|---------------|--------------|
| INFL (influent to primary carbon) (cont.) | | | | | | | | | | |
| 10/18/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 11/05/94 | ND<50 | 0.66 | ND<0.5 | 2.6 | ND<0.5 | NS | NS | NS | NA | NA |
| 12/05/94 | 470 | 32 | 0.59 | 29 | 6.2 | NS | NS | NS | NA | NA |
| 01/04/95 | ND<50 | 1.1 | ND<0.50 | 1.4 | ND<0.50 | NS | NS | NS | NA | NA |
| 02/06/95 | 100 | 2.4 | 1.1 | 1.2 | 2.8 | NS | NS | NS | NA | NA |
| 03/02/95 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | NS | NS | NS | NA | NA |
| 04/04/95 | 290 | 6.6 | ND<0.50 | 10 | 1.7 | NS | NS | NS | NA | NA |
| 05/02/95 | 240 | 7.1 | ND<0.50 | 3.2 | 1.6 | NS | NS | NS | NA | NA |
| 06/05/95 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | NS | NS | NS | NA | NA |
| 07/06/95 | 270 | 2.4 | ND<0.50 | 7.6 | 1.0 | NS | NS | NS | NA | NA |
| 08/21/95 | 230 | 1.8 | ND<0.50 | 1.6 | 0.9 | NS | NS | NS | NA | NA |
| 06/05/00 | 700 | 7.24 | ND<1.00 | 2.11 | ND<1.00 | 361 | NS | NS | NA | NA |
| 07/08/00 | 133 | 5.09 | 0.598 | ND<0.500 | ND<0.500 | 272 | NS | NS | NA | NA |
| 08/10/00 | 144 | 2.80 | ND<0.500 | 1.04 | ND<0.500 | 126 | NS | NS | NA | NA |
| 09/08/00 | 261 | 2.74 | 0.826 | 0.626 | ND<0.500 | 120 | NS | NS | NA | NA |
| 10/10/00 | 114 | ND<0.500 | 1.68 | 0.843 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 11/07/00 | 128 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | 98.6 | NS | NS | NA | NA |
| 12/05/00 | 167 | 0.775 | ND<0.500 | ND<0.500 | ND<0.500 | 104 | NS | NS | NA | NA |
| 01/04/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | 86.8 | NS | NS | NA | NA |
| 02/06/01 | 203 | 0.572 | ND<0.500 | 0.513 | ND<0.500 | 80.5 | NS | NS | NA | NA |
| 03/08/01 | 219 | ND<0.500 | 6.16 | 1.21 | 0.682 | 81.0 | NS | NS | NA | NA |
| 04/18/01 | 74.5 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | 97.5 | NS | NS | NA | NA |
| 05/04/01 | 63.3 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | 93.2 | NS | NS | NA | NA |
| 06/09/01 | 64 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 71 | NS | NS | NA | NA |
| 07/05/01 | 100 | ND<0.50 | 2.5 | ND<0.50 | ND<0.50 | 430 | NS | NS | NA | NA |
| 08/14/01 | 290 | 2.2 | 3.5 | ND<1.0 | ND<1.0 | 870 | NS | NS | NA | NA |
| 09/05/01 | ND<100 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 340 | NS | NS | NA | NA |
| 10/05/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 150 | NS | NS | NA | NA |
| 11/13/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 92 | NS | NS | NA | NA |
| 12/11/01 | 65 | ND<0.50 | 0.58 | ND<0.50 | ND<0.50 | 83 | NS | NS | NA | NA |
| 01/04/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 140 | NS | NS | NA | NA |
| 02/05/02 | 100 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 190 | NS | NS | NA | NA |
| 03/05/02 | 150 | ND<1.2 | ND<1.2 | ND<1.2 | ND<1.2 | 350 | NS | NS | NA | NA |
| 04/08/02 | 400 | 9.6 | ND<1.0 | 1.4 | ND<1.0 | 260 | NS | NS | NA | NA |
| 05/16/02 | 310 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 330 | NS | NS | NA | NA |
| 10/07/02 | 160 | 4.1 | ND<1.0 | ND<1.0 | ND<1.0 | 130 | NS | NS | NA | NA |
| 11/07/02 | 250 | ND<0.50 | 10 | 0.70 | 0.77 | 210 | NS | NS | NA | NA |
| 12/05/02 | 220 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 110 | NS | NS | NA | NA |
| 01/03/03 | 170 | ND<1.0 | ND<1.0 | ND<1.0 | ND<1.0 | 140 | NS | NS | NA | NA |
| 2/13/03* | ND<250 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | 66 | NS | NS | NA | NA |
| 3/27/03* | 110 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 71 | NS | NS | NA | NA |
| 4/24/03* | 120 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 56 | NS | NS | NA | NA |
| 5/30/03* | 20 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<50 | NS | NS | NA | NA |
| 06/19/03 | 160 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 46 | NS | NS | NA | NA |
| 07/24/03 | 51 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 41 (47)** | NS | NS | NA | NA |
| 08/28/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 30 (40)** | NS | NS | NA | NA |
| 09/25/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 28 | NS | NS | NA | NA |
| 10/23/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 28 (28)** | NS | NS | NA | NA |
| 11/20/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | 22 | NS | NS | NA | NA |

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

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

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

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

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

| Date Sampled | TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Xylenes (µg/L) | MtBE (µg/L) | COD (mg/L) | TSS (mg/L) | pH (units) | DO (mg/L) |
|----------------------|--------------|----------------|----------------|----------------------|----------------|----------------|------------|------------|------------|-----------|
| MID-1 (cont.) | | | | | | | | | | |
| 10/10/00 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 11/07/00 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 12/05/00 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 01/04/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 02/06/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 03/08/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 04/18/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 05/04/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 06/09/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 07/05/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 08/14/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 09/05/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 10/05/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 11/13/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 3.3 | NS | NS | NA | NA |
| 12/11/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 5.7 | NS | NS | NA | NA |
| 01/04/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 9.0 | NS | NS | NA | NA |
| 02/05/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 26 | NS | NS | NA | NA |
| 03/05/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 17 | NS | NS | NA | NA |
| 04/08/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 39 | NS | NS | NA | NA |
| 05/16/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 58 | NS | NS | NA | NA |
| 10/07/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 55 | NS | NS | NA | NA |
| 11/07/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 100 | NS | NS | NA | NA |
| 12/05/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 51 | NS | NS | NA | NA |
| 01/03/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 66 | NS | NS | NA | NA |
| 2/13/03* | ND<250 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | 130 | NS | NS | NA | NA |
| 3/27/03* | ND<250 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | 120 | NS | NS | NA | NA |
| 4/24/03* | 280 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | 110 | NS | NS | NA | NA |
| 5/30/03* | ND<250 | ND<2.5 | ND<2.5 | ND<2.5 | ND<2.5 | 140 | NS | NS | NA | NA |
| 06/19/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 110 | NS | NS | NA | NA |
| 07/24/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 08/28/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 09/25/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 10/23/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 (1.3)** | NS | NS | NA | NA |
| 11/20/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | 1.1 | NS | NS | NA | NA |

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

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

| Date Sampled | TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Xylenes (µg/L) | MtBE (µg/L) | COD (mg/L) | TSS (mg/L) | pH (units) | DO (mg/L) |
|---|-----------------|-------------------|-------------------|-----------------------------|-------------------|-----------------|---------------|---------------|---------------|--------------|
| MID-2 (between secondary and tertiary carbons) | | | | | | | | | | |
| 06/05/00 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 07/08/00 | NS | NS | NS | NS | NS | NS | NS | NS | NA | NA |
| 09/08/00 | NS | NS | NS | NS | NS | NS | NS | NS | NA | NA |
| 10/10/00 | NS | NS | NS | NS | NS | NS | NS | NS | NA | NA |
| 11/07/00 | NS | NS | NS | NS | NS | NS | NS | NS | NA | NA |
| 12/05/00 | NS | NS | NS | NS | NS | NS | NS | NS | NA | NA |
| 01/04/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 02/06/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 03/08/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 04/18/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 05/04/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | NA | NA |
| 06/09/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 07/05/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 08/14/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 09/05/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 10/05/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 11/13/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 12/11/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 01/04/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 02/05/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 03/05/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 04/08/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 4.7 | NS | NS | NA | NA |
| 05/16/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 10/07/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 11/07/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 12/05/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 01/03/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 2/13/03* | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 1.0 | NS | NS | NA | NA |
| 3/27/03* | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 0.94 | NS | NS | NA | NA |
| 4/24/03* | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 0.95 | NS | NS | NA | NA |
| 5/30/03* | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 1.1 | NS | NS | NA | NA |
| 06/19/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 07/24/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 08/28/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 09/25/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 10/23/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 (<0.5)** | NS | NS | NA | NA |
| 11/20/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | ND<0.50 | NS | NS | NA | NA |

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

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

| Date Sampled | TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Xylenes (µg/L) | MtBE (µg/L) | COD (mg/L) | TSS (mg/L) | pH (units) | DO (mg/L) |
|---------------------------------|--------------|----------------|----------------|----------------------|----------------|-------------|------------|------------|------------|-----------|
| EFFL (effluent to sewer) | | | | | | | | | | |
| 09/26/91 | ND<30 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | NS | NS | NS | NA | NA |
| 10/22/91 | ND<30 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | NS | NS | NS | NA | NA |
| 11/22/91 | ND<30 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | NS | NS | NS | NA | NA |
| 12/19/91 | ND<30 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | NS | NS | NS | NA | NA |
| 01/16/91 | ND<30 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | NS | NS | NS | NA | NA |
| 02/19/92 | ND<30 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | NS | NS | NS | NA | NA |
| 03/17/92 | ND<30 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | NS | NS | NS | NA | NA |
| 04/15/92 | ND<30 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | NS | NS | NS | NA | NA |
| 05/14/92 | ND<30 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | NS | NS | NS | NA | NA |
| 06/19/92 | ND<30 | ND<0.3 | ND<0.3 | ND<0.3 | ND<0.3 | NS | NS | NS | NA | NA |
| 07/14/92 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 08/18/92 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 09/15/92 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 10/16/92 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 11/18/92 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 12/17/92 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 01/18/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 02/22/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 03/15/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 04/09/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 05/13/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 06/04/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 07/20/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 08/16/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 09/13/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 10/08/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 11/19/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 12/21/93 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 01/18/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 02/17/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 03/15/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 04/21/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 05/13/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 06/14/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 07/14/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 08/17/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 09/12/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 10/18/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 11/05/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 12/05/94 | ND<50 | ND<0.5 | ND<0.5 | ND<0.5 | ND<0.5 | NS | NS | NS | NA | NA |
| 01/04/95 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | NS | NS | NS | NA | NA |
| 02/06/95 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | NS | NS | NS | NA | NA |
| 03/02/95 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | NS | NS | NS | NA | NA |
| 04/04/95 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | NS | NS | NS | NA | NA |
| 05/02/95 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | NS | NS | NS | NA | NA |
| 06/05/95 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | NS | NS | NS | NA | NA |
| 07/06/95 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | NS | NS | NS | NA | NA |
| 08/21/95 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | NS | NS | NS | NA | NA |
| 06/05/00 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | NS | NS | 7.19 | NA |
| 06/12/00 | ND<50.0 | NS | NS | NS | NS | NS | NS | NS | NA | NA |
| 07/08/00 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | 32.1 | ND<10.0 | 7.08 | NA |

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

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

| Date Sampled | TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Xylenes (µg/L) | MtBE (µg/L) | COD (mg/L) | TSS (mg/L) | pH (units) | DO (mg/L) |
|---|-----------------|-------------------|-------------------|-----------------------------|-------------------|-----------------|---------------|---------------|---------------|--------------|
| EFFL (effluent to sewer) (cont.) | | | | | | | | | | |
| 08/10/00 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<5.00 | 23.4 | ND<10.0 | 6.67 | NA |
| 09/08/00 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | 29.2 | ND<10.0 | 6.82 | NA |
| 10/10/00 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | ND<20.0 | ND<10.0 | 7.25 | NA |
| 11/07/00 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | ND<20.0 | ND<10.0 | 7.24 | NA |
| 12/05/00 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | 44.0 | ND<10.0 | 7.48 | NA |
| 01/04/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | ND<20.0 | ND<10.0 | 7.00 | NA |
| 02/06/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | ND<20.0 | 10.7 | 7.03 | NA |
| 03/08/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | ND<20.0 | ND<10.0 | 7.04 | NA |
| 04/18/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | 28.5 | ND<10.0 | 7.06 | NA |
| 05/04/01 | ND<50.0 | ND<0.500 | ND<0.500 | ND<0.500 | ND<0.500 | ND<2.50 | ND<20.0 | ND<10.0 | 7.31 | NA |
| 06/09/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | 34 | ND<10 | 7.05 | NA |
| 07/05/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | ND<20 | ND<10 | 7.10 | NA |
| 08/14/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | ND<20 | 14 | 7.09 | NA |
| 09/05/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | 70 | ND<10 | 7.07 | NA |
| 10/05/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | 55 | ND<10 | 6.89 | NA |
| 11/13/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | 150 | ND<10 | 6.98 | NA |
| 12/11/01 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | 34 | ND<10 | 7.01 | NA |
| 01/04/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | 52 | ND<10 | 7.22 | NA |
| 02/05/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | ND<20 | ND<10 | 6.91 | NA |
| 03/05/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | ND<20 | ND<10 | 6.77 | NA |
| 04/08/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | ND<20 | ND<10 | 6.52 | NA |
| 05/16/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | ND<20 | ND<10 | 6.60 | NA |
| 10/07/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | NS | NS | NA | NA |
| 11/07/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | 0.74 | ND<2.5 | ND<30 | ND<10 | 7.80 | NA |
| 12/05/02 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.0 | ND<30 | ND<10 | 7.40 | 0.27 |
| 01/03/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | ND<30 | ND<10 | 7.50 | NA |
| 2/13/03* | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<30 | ND<10 | 7.15 | 0.12 |
| 3/27/03* | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | 32 | ND<10 | 7.5 | 0.08 |
| 4/24/03* | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<30 | ND<10 | 6.95 | 10.23 |
| 5/30/03* | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<30 | ND<10 | 6.95 | NA |
| 06/19/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | ND<20 | ND<10 | 7.02 | 9.75 |
| 07/24/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | ND<20 | ND<10 | 7.07 | 3.00 |
| 08/28/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | ND<20 | ND<10 | 7.03 | 2.12 |
| 09/25/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 | ND<20 | ND<10 | 6.79 | 2.70 |
| 10/23/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<2.5 (<0.5)** | ND<20 | ND<10 | 6.82 | 3.45 |
| 11/20/03 | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | ND<0.50 | ND<30 | ND<10 | 6.94 | 0.84 |

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

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

ATTACHMENT A

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

URS-Oakland, CA

December 03, 2003

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

Attn.: Scott Robinson

Project#: 38486314.0L041

Project: Station 608

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Attached is our report for your samples received on 11/20/2003 16:20

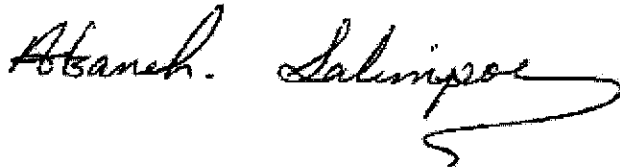
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 01/04/2004 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

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Samples Reported

| Sample Name | Date Sampled | Matrix | Lab # |
|-------------|------------------|--------|-------|
| EFFL | 11/20/2003 08:20 | Water | 4 |

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

| | | | |
|------------|------------------|------------|------------------|
| Prep(s): | 160.2 | Test(s): | 160.2 |
| Sample ID: | EFFL | Lab ID: | 2003-11-0734 - 4 |
| Sampled: | 11/20/2003 08:20 | Extracted: | 11/24/2003 10:37 |
| Matrix: | Water | QC Batch#: | 2003/11/24-01.29 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|----------|-------|----|------|----------|------------------|------|
| TSS | ND | 10 | mg/L | 1.00 | 11/25/2003 07:54 | |

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Batch QC Report

Prep(s): 160.2

Test(s): 160.2

Method Blank

Water

QC Batch # 2003/11/24-01.29

MB: 2003/11/24-01.29-001

Date Extracted: 11/24/2003 10:37

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|----------|-------|----|------|------------------|------|
| TSS | ND | 10 | mg/L | 11/25/2003 07:50 | |

Total Suspended Solids (TSS)

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Batch QC Report

Prep(s): 160.2

Test(s): 160.2

Laboratory Control Spike

Water

QC Batch # 2003/11/24-01.29

LCS 2003/11/24-01.29-002

Extracted: 11/24/2003

Analyzed: 11/25/2003 07:51

LCSD 2003/11/24-01.29-003

Extracted: 11/24/2003

Analyzed: 11/25/2003 07:51

| Compound | Conc. mg/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|----------|------------|------|-----------|------------|------|-----|---------------|------|-------|-----|
| | LCS | LCSD | | LCS | LCSD | | % | Rec. | RPD | LCS |
| TSS | 963 | 991 | 1000 | 96.3 | 99.1 | 2.9 | 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

12/01/2003 13:20

Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Samples Reported

| Sample Name | Date Sampled | Matrix | Lab # |
|-------------|------------------|--------|-------|
| INFL | 11/20/2003 08:35 | Water | 1 |
| MID 1 | 11/20/2003 08:30 | Water | 2 |
| MID 2 | 11/20/2003 08:25 | Water | 3 |
| EFFL | 11/20/2003 08:20 | Water | 4 |

Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

| | | | |
|------------|------------------|------------|------------------|
| Prep(s): | 5030B | Test(s): | 8260B |
| Sample ID: | INFL | Lab ID: | 2003-11-0734 - 1 |
| Sampled: | 11/20/2003 08:35 | Extracted: | 11/29/2003 12:56 |
| Matrix: | Water | QC Batch#: | 2003/11/29-1A.65 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|------|------|----------|------------------|------|
| Gasoline | ND | 50 | ug/L | 1.00 | 11/29/2003 12:56 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 1.00 | 11/29/2003 12:56 | |
| Methyl tert-butyl ether (MTBE) | 22 | 0.50 | ug/L | 1.00 | 11/29/2003 12:56 | |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | ug/L | 1.00 | 11/29/2003 12:56 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | ug/L | 1.00 | 11/29/2003 12:56 | |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | ug/L | 1.00 | 11/29/2003 12:56 | |
| 1,2-DCA | ND | 0.50 | ug/L | 1.00 | 11/29/2003 12:56 | |
| EDB | ND | 0.50 | ug/L | 1.00 | 11/29/2003 12:56 | |
| Benzene | ND | 0.50 | ug/L | 1.00 | 11/29/2003 12:56 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 11/29/2003 12:56 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 11/29/2003 12:56 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 11/29/2003 12:56 | |
| Ethanol | ND | 25 | ug/L | 1.00 | 11/29/2003 12:56 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 81.5 | 76 | % | 1.00 | 11/29/2003 12:56 | |
| Toluene-d8 | 89.5 | 88 | % | 1.00 | 11/29/2003 12:56 | |

Severn Trent Laboratories, Inc.

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

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

12/02/2003 12:52

Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

| | | | |
|------------|------------------|------------|------------------|
| Prep(s): | 5030B | Test(s): | 8260B |
| Sample ID: | MID 1 | Lab ID: | 2003-11-0734 - 2 |
| Sampled: | 11/20/2003 08:30 | Extracted: | 12/1/2003 15:48 |
| Matrix: | Water | QC Batch#: | 2003/12/01-01.65 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|------|------|----------|------------------|------|
| Gasoline | ND | 50 | ug/L | 1.00 | 12/01/2003 15:48 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 1.00 | 12/01/2003 15:48 | |
| Methyl tert-butyl ether (MTBE) | 1.1 | 0.50 | ug/L | 1.00 | 12/01/2003 15:48 | |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | ug/L | 1.00 | 12/01/2003 15:48 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | ug/L | 1.00 | 12/01/2003 15:48 | |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | ug/L | 1.00 | 12/01/2003 15:48 | |
| 1,2-DCA | ND | 0.50 | ug/L | 1.00 | 12/01/2003 15:48 | |
| EDB | ND | 0.50 | ug/L | 1.00 | 12/01/2003 15:48 | |
| Benzene | ND | 0.50 | ug/L | 1.00 | 12/01/2003 15:48 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 12/01/2003 15:48 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 12/01/2003 15:48 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 12/01/2003 15:48 | |
| Ethanol | ND | 25 | ug/L | 1.00 | 12/01/2003 15:48 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 81.8 | 76 | % | 1.00 | 12/01/2003 15:48 | |
| Toluene-d8 | 92.8 | 88 | % | 1.00 | 12/01/2003 15:48 | |

Severn Trent Laboratories, Inc.

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

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

12/02/2003 12:52

Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

| | | | |
|------------|------------------|------------|------------------|
| Prep(s): | 5030B | Test(s): | 8260B |
| Sample ID: | MID 2 | Lab ID: | 2003-11-0734 - 3 |
| Sampled: | 11/20/2003 08:25 | Extracted: | 11/26/2003 23:35 |
| Matrix: | Water | QC Batch#: | 2003/11/26-02.66 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|------|------|----------|------------------|------|
| Gasoline | ND | 50 | ug/L | 1.00 | 11/26/2003 23:35 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 1.00 | 11/26/2003 23:35 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | ug/L | 1.00 | 11/26/2003 23:35 | |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | ug/L | 1.00 | 11/26/2003 23:35 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | ug/L | 1.00 | 11/26/2003 23:35 | |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | ug/L | 1.00 | 11/26/2003 23:35 | - |
| 1,2-DCA | ND | 0.50 | ug/L | 1.00 | 11/26/2003 23:35 | |
| EDB | ND | 0.50 | ug/L | 1.00 | 11/26/2003 23:35 | |
| Benzene | ND | 0.50 | ug/L | 1.00 | 11/26/2003 23:35 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 11/26/2003 23:35 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 11/26/2003 23:35 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 11/26/2003 23:35 | |
| Ethanol | ND | 25 | ug/L | 1.00 | 11/26/2003 23:35 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 106.4 | 76 | % | 1.00 | 11/26/2003 23:35 | |
| Toluene-d8 | 95.1 | 88 | % | 1.00 | 11/26/2003 23:35 | |

Severn Trent Laboratories, Inc.

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

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

12/02/2003 12:52

Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200
Oakland, CA 94607-4014
Phone: (510) 893-3600 Fax: (510) 874-3268Project: 38486314.0L041
Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

| | | | |
|------------|------------------|------------|------------------|
| Prep(s): | 5030B | Test(s): | 8260B |
| Sample ID: | EFFL | Lab ID: | 2003-11-0734 - 4 |
| Sampled: | 11/20/2003 08:20 | Extracted: | 12/1/2003 16:00 |
| Matrix: | Water | QC Batch#: | 2003/12/01-01.66 |

| Compound | Conc. | RL | Unit | Dilution | Analyzed | Flag |
|--------------------------------|-------|------|------|----------|------------------|------|
| Gasoline | ND | 50 | ug/L | 1.00 | 12/01/2003 16:00 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 1.00 | 12/01/2003 16:00 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | ug/L | 1.00 | 12/01/2003 16:00 | |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | ug/L | 1.00 | 12/01/2003 16:00 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.50 | ug/L | 1.00 | 12/01/2003 16:00 | |
| tert-Amyl methyl ether (TAME) | ND | 0.50 | ug/L | 1.00 | 12/01/2003 16:00 | |
| 1,2-DCA | ND | 0.50 | ug/L | 1.00 | 12/01/2003 16:00 | |
| EDB | ND | 0.50 | ug/L | 1.00 | 12/01/2003 16:00 | |
| Benzene | ND | 0.50 | ug/L | 1.00 | 12/01/2003 16:00 | |
| Toluene | ND | 0.50 | ug/L | 1.00 | 12/01/2003 16:00 | |
| Ethylbenzene | ND | 0.50 | ug/L | 1.00 | 12/01/2003 16:00 | |
| Total xylenes | ND | 1.0 | ug/L | 1.00 | 12/01/2003 16:00 | |
| Ethanol | ND | 25 | ug/L | 1.00 | 12/01/2003 16:00 | |
| Surrogate(s) | | | | | | |
| 1,2-Dichloroethane-d4 | 95.0 | 76 | % | 1.00 | 12/01/2003 16:00 | |
| Toluene-d8 | 89.5 | 88 | % | 1.00 | 12/01/2003 16:00 | |

Severn Trent Laboratories, Inc.

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

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

12/02/2003 12:52

Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2003/11/26-02.66

MB: 2003/11/26-02.66-030

Date Extracted: 11/26/2003 19:30

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|--------------------------------|-------|--------|------|------------------|------|
| Gasoline | ND | 50 | ug/L | 11/26/2003 19:30 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 11/26/2003 19:30 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.5 | ug/L | 11/26/2003 19:30 | |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | ug/L | 11/26/2003 19:30 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.5 | ug/L | 11/26/2003 19:30 | |
| tert-Amyl methyl ether (TAME) | ND | 0.5 | ug/L | 11/26/2003 19:30 | |
| 1,2-DCA | ND | 0.5 | ug/L | 11/26/2003 19:30 | |
| EDB | ND | 0.5 | ug/L | 11/26/2003 19:30 | |
| Benzene | ND | 0.5 | ug/L | 11/26/2003 19:30 | |
| Toluene | ND | 0.5 | ug/L | 11/26/2003 19:30 | |
| Ethylbenzene | ND | 0.5 | ug/L | 11/26/2003 19:30 | |
| Total xylenes | ND | 1.0 | ug/L | 11/26/2003 19:30 | |
| Ethanol | ND | 25 | ug/L | 11/26/2003 19:30 | |
| Surrogates(s) | | | | | |
| 1,2-Dichloroethane-d4 | 106.6 | 76-114 | % | 11/26/2003 19:30 | |
| Toluene-d8 | 93.2 | 88-110 | % | 11/26/2003 19:30 | |

Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2003/11/29-1A.65

MB: 2003/11/29-1A.65-031

Date Extracted: 11/29/2003 10:31

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|--------------------------------|-------|--------|------|------------------|------|
| Gasoline | ND | 50 | ug/L | 11/29/2003 10:31 | |
| Benzene | ND | 0.5 | ug/L | 11/29/2003 10:31 | |
| Toluene | ND | 0.5 | ug/L | 11/29/2003 10:31 | |
| Ethylbenzene | ND | 0.5 | ug/L | 11/29/2003 10:31 | |
| Total xylenes | ND | 1.0 | ug/L | 11/29/2003 10:31 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 11/29/2003 10:31 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.5 | ug/L | 11/29/2003 10:31 | |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | ug/L | 11/29/2003 10:31 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.5 | ug/L | 11/29/2003 10:31 | |
| tert-Amyl methyl ether (TAME) | ND | 0.5 | ug/L | 11/29/2003 10:31 | |
| 1,2-DCA | ND | 0.5 | ug/L | 11/29/2003 10:31 | |
| EDB | ND | 0.5 | ug/L | 11/29/2003 10:31 | |
| Ethanol | ND | 25 | ug/L | 11/29/2003 10:31 | |
| Surrogates(s) | | | | | |
| 1,2-Dichloroethane-d4 | 78.1 | 76-114 | % | 11/29/2003 10:31 | |
| Toluene-d8 | 88.9 | 88-110 | % | 11/29/2003 10:31 | |

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

12/02/2003 12:52

Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200
Oakland, CA 94607-4014
Phone: (510) 893-3600 Fax: (510) 874-3268Project: 38486314.0L041
Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2003/12/01-01.65

MB: 2003/12/01-01.65-004

Date Extracted: 12/01/2003 12:04

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|--------------------------------|-------|--------|------|------------------|------|
| Gasoline | ND | 50 | ug/L | 12/01/2003 12:04 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 12/01/2003 12:04 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.5 | ug/L | 12/01/2003 12:04 | |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | ug/L | 12/01/2003 12:04 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.5 | ug/L | 12/01/2003 12:04 | |
| tert-Amyl methyl ether (TAME) | ND | 0.5 | ug/L | 12/01/2003 12:04 | |
| 1,2-DCA | ND | 0.5 | ug/L | 12/01/2003 12:04 | |
| EDB | ND | 0.5 | ug/L | 12/01/2003 12:04 | |
| Benzene | ND | 0.5 | ug/L | 12/01/2003 12:04 | |
| Toluene | ND | 0.5 | ug/L | 12/01/2003 12:04 | |
| Ethylbenzene | ND | 0.5 | ug/L | 12/01/2003 12:04 | |
| Total xylenes | ND | 1.0 | ug/L | 12/01/2003 12:04 | |
| Ethanol | ND | 25 | ug/L | 12/01/2003 12:04 | |
| Surrogates(s) | | | | | |
| 1,2-Dichloroethane-d4 | 87.2 | 76-114 | % | 12/01/2003 12:04 | |
| Toluene-d8 | 89.8 | 88-110 | % | 12/01/2003 12:04 | |

Severn Trent Laboratories, Inc.

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12/02/2003 12:52

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Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200
Oakland, CA 94607-4014
Phone: (510) 893-3600 Fax: (510) 874-3268Project: 38486314.0L041
Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2003/12/01-01.66

MB: 2003/12/01-01.66-037

Date Extracted: 12/01/2003 10:37

| Compound | Conc. | RL | Unit | Analyzed | Flag |
|--------------------------------|-------|--------|------|------------------|------|
| Gasoline | ND | 50 | ug/L | 12/01/2003 10:37 | |
| tert-Butyl alcohol (TBA) | ND | 5.0 | ug/L | 12/01/2003 10:37 | |
| Methyl tert-butyl ether (MTBE) | ND | 0.5 | ug/L | 12/01/2003 10:37 | |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | ug/L | 12/01/2003 10:37 | |
| Ethyl tert-butyl ether (ETBE) | ND | 0.5 | ug/L | 12/01/2003 10:37 | |
| tert-Amyl methyl ether (TAME) | ND | 0.5 | ug/L | 12/01/2003 10:37 | |
| 1,2-DCA | ND | 0.5 | ug/L | 12/01/2003 10:37 | |
| EDB | ND | 0.5 | ug/L | 12/01/2003 10:37 | |
| Benzene | ND | 0.5 | ug/L | 12/01/2003 10:37 | |
| Toluene | ND | 0.5 | ug/L | 12/01/2003 10:37 | |
| Ethylbenzene | ND | 0.5 | ug/L | 12/01/2003 10:37 | |
| Total xylenes | ND | 1.0 | ug/L | 12/01/2003 10:37 | |
| Ethanol | ND | 25 | ug/L | 12/01/2003 10:37 | |
| Surrogates(s) | | | | | |
| 1,2-Dichloroethane-d4 | 94.2 | 76-114 | % | 12/01/2003 10:37 | |
| Toluene-d8 | 93.4 | 88-110 | % | 12/01/2003 10:37 | |

Severn Trent Laboratories, Inc.

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

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

12/02/2003 12:52

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Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2003/11/26-02.66

LCS 2003/11/26-02.66-042

Extracted: 11/26/2003

Analyzed: 11/26/2003 18:42

LCSD 2003/11/26-02.66-006

Extracted: 11/26/2003

Analyzed: 11/26/2003 19:06

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|--------------------------------|------------|------|-----------|------------|------|-----|---------------|------|-------|-----|
| | LCS | LCSD | | LCS | LCSD | | % | Rec. | RPD | LCS |
| Methyl tert-butyl ether (MTBE) | 25.0 | 23.6 | 25.0 | 100.0 | 94.4 | 5.8 | 65-165 | 20 | | |
| Benzene | 25.1 | 23.9 | 25.0 | 100.4 | 95.6 | 4.9 | 69-129 | 20 | | |
| Toluene | 25.0 | 24.7 | 25.0 | 100.0 | 98.8 | 1.2 | 70-130 | 20 | | |
| Surrogates(s) | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 491 | 481 | 500 | 98.2 | 96.2 | | 76-114 | | | |
| Toluene-d8 | 453 | 479 | 500 | 90.6 | 95.8 | | 88-110 | | | |

Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2003/11/29-1A.65

LCS 2003/11/29-1A.65-044

Extracted: 11/29/2003

Analyzed: 11/29/2003 09:44

LCSD 2003/11/29-1A.65-007

Extracted: 11/29/2003

Analyzed: 11/29/2003 10:07

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|--------------------------------|------------|------|-----------|------------|-------|-----|---------------|------|-------|-----|
| | LCS | LCSD | | LCS | LCSD | | % | Rec. | RPD | LCS |
| Benzene | 25.7 | 26.9 | 25 | 102.8 | 107.6 | 4.6 | 69-129 | 20 | | |
| Toluene | 24.3 | 25.4 | 25 | 97.2 | 101.6 | 4.4 | 70-130 | 20 | | |
| Methyl tert-butyl ether (MTBE) | 20.1 | 21.5 | 25 | 80.4 | 86.0 | 6.7 | 65-165 | 20 | | |
| Surrogates(s) | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 392 | 394 | 500 | 78.4 | 78.8 | | 76-114 | | | |
| Toluene-d8 | 472 | 469 | 500 | 94.4 | 93.8 | | 88-110 | | | |

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

12/02/2003 12:52

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Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2003/12/01-01.65

LCS 2003/12/01-01.65-018

Extracted: 12/01/2003

Analyzed: 12/01/2003 12:29

LCSD 2003/12/01-01.65-041

Extracted: 12/01/2003

Analyzed: 12/01/2003 11:41

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|--------------------------------|------------|------|-----------|------------|------|-----|---------------|------|-------|-----|
| | LCS | LCSD | | LCS | LCSD | | % | Rec. | RPD | LCS |
| Methyl tert-butyl ether (MTBE) | 19.7 | 21.3 | 25.0 | 78.8 | 85.2 | 7.8 | 65-165 | 20 | | |
| Benzene | 22.1 | 24.1 | 25.0 | 88.4 | 96.4 | 8.7 | 69-129 | 20 | | |
| Toluene | 21.7 | 23.3 | 25.0 | 86.8 | 93.2 | 7.1 | 70-130 | 20 | | |
| Surrogates(s) | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 408 | 415 | 500 | 81.6 | 83.0 | | 76-114 | | | |
| Toluene-d8 | 470 | 462 | 500 | 94.0 | 92.4 | | 88-110 | | | |

Severn Trent Laboratories, Inc.

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

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

12/02/2003 12:52

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Fuel Oxygenates by 8260B

URS-Oakland, CA

Attn.: Scott Robinson

500 12th Street, Suite 200

Oakland, CA 94607-4014

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

Project: 38486314.0L041

Station 608

Received: 11/20/2003 16:20

Site: 17601 Hesperian Blvd., San Lorenzo, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2003/12/01-01.66

LCS 2003/12/01-01.66-049

Extracted: 12/01/2003

Analyzed: 12/01/2003 09:49

LCSD 2003/12/01-01.66-013

Extracted: 12/01/2003

Analyzed: 12/01/2003 10:13

| Compound | Conc. ug/L | | Exp.Conc. | Recovery % | | RPD | Ctrl.Limits % | | Flags | |
|--------------------------------|------------|------|-----------|------------|------|-----|---------------|------|-------|-----|
| | LCS | LCSD | | LCS | LCSD | | % | Rec. | RPD | LCS |
| Methyl tert-butyl ether (MTBE) | 22.1 | 22.1 | 25.0 | 88.4 | 88.4 | 0.0 | 65-165 | 20 | | |
| Benzene | 24.3 | 23.4 | 25.0 | 97.2 | 93.6 | 3.8 | 69-129 | 20 | | |
| Toluene | 24.3 | 22.6 | 25.0 | 97.2 | 90.4 | 7.2 | 70-130 | 20 | | |
| Surrogates(s) | | | | | | | | | | |
| 1,2-Dichloroethane-d4 | 488 | 484 | 500 | 97.6 | 96.8 | | 76-114 | | | |
| Toluene-d8 | 467 | 466 | 500 | 93.4 | 93.2 | | 88-110 | | | |

STL San Francisco

Sample Receipt Checklist

Submission #: 2003- 11 - 0734

Checklist completed by: (initials) DSH Date: 11/21/03

Courier name: STL San Francisco Client _____

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 ($4^{\circ}\text{C} \pm 2$)?

Temp: 4.8 C Yes No _____

Water - VOA vials have zero headspace?

Ice Present Yes No _____

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:

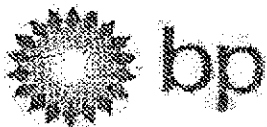
Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: 1 / _____ /03

Client contacted: Yes No

Summary of discussion:

Corrective Action (per PM/Client):



2003-11-0734

80465

Chain of Custody Record

Project Name: Station 608 - 17601 Hesperian Blvd, San Lorenzo, CA.
 Business Unit: Atlantic Richfield Company/Northern CA Portfolio

BP Laboratory Contract Number: 4 6 1 0 0 0

Requested Due Date: 12/4/03
 14 days from sampling date

Date: 11/20/03

| | | | |
|------------------------|----------|------------|-----|
| On-site Time: | 0800 | Temp: | 61 |
| Off-site Time: | | Temp: | |
| Sky Conditions: | Overcast | | |
| 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 (Pleasanton) | 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 17601 | Oakland, CA 94607 |
| | California Global ID #: T0000101665 | Small EDF: No EDF |
| | BP/GEM PM Contact: Paul Supple | Consultant Project No.: 38486314.0L041 |
| Lab PM: Adnanell Sallampour | 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: Level 1 | | 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 | |
|----------|----------------|-----------|------|-------------|--------------|-----------|-----|----------------|-------------------|---------------|--------------------------------|------------------|--------------------|--------------|-------------|-------------|-----|-----|------------------------------------|------------------|
| | | | | Solid/Solid | Water/Liquid | Sediments | Air | | | Unpreserved | H ₂ SO ₄ | HNO ₃ | HCl | TPH-g (8260) | BTEX (8260) | MTBE (8260) | COD | TSS | | Fuel (NY) (8260) |
| 1 | INFL | INFL | 0835 | X | | | | 3 | | | X | | X | X | X | | X | | | |
| 2 | MID-1 | MID-1 | 0830 | X | | | | 3 | | | X | | X | X | X | | X | | | |
| 3 | MID-2 | MID-2 | 0825 | X | | | | 3 | | | X | | X | X | X | | X | | | |
| 4 | EFFL | EFFL | 0820 | X | | | | 5 | X | X | | | X | X | X | X | X | X | | |
| 5 | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|--|-------------------------------------|-----------------------|-------------------|---------------------------------|----------------------------|-----------------------|--------------------|
| Sampler's Name: <i>George Brashian</i> | Relinquished By: <i>[Signature]</i> | Date: <i>11/20/03</i> | Time: <i>1620</i> | Accepted By: <i>[Signature]</i> | Affiliation: <i>STL-SF</i> | Date: <i>11/20/03</i> | Time: <i>10:20</i> |
| Shipment Date: | | | | | | | |
| Shipment Method: Hand Deliver | | | | | | | |
| Shipment Tracking No.: | | | | | | | |

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 Temperature Blank Yes No Cooler Temperature on Receipt *4-8 °F/C* Trip Blank Yes No



5 December, 2003

Afsaneh Salimpour
STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

RE: Station 608
Work Order: MMK0799

Enclosed are the results of analyses for samples received by the laboratory on 11/24/03 12:35. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James Hartley
Project Manager

CA ELAP Certificate #1210



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

Project: Station 608
Project Number: 38486314.0L041
Project Manager: Afsaneh Salimpour

MMK0799
Reported:
12/05/03 10:04

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| EFFL | MMK0799-01 | Water | 11/20/03 08:20 | 11/24/03 12:35 |



| | | |
|---|--|---|
| STL San Francisco (CL) 1220 Quarry Lane Pleasanton CA, 94566-4756 | Project: Station 608 Project Number: 38486314.0L041 Project Manager: Afsaneh Salimpour | MMK0799 Reported: 12/05/03 10:04 |
|---|--|---|

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

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| EFFL (MMK0799-01) Water Sampled: 11/20/03 08:20 Received: 11/24/03 12:35 | | | | | | | | | |
| Chemical Oxygen Demand | ND | 30 | mg/l | 1 | 3L03051 | 12/03/03 | 12/03/03 | EPA 410.4 | |

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

 Project: Station 608
 Project Number: 38486314.0L041
 Project Manager: Afsaneh Salimpour

 MMK0799
Reported:
 12/05/03 10:04

**Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Morgan Hill**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|--------------------|-------|----------------|------------------|------|----------------|------|--------------|-------|
| Batch 3L03051 - General Preparation | | | | | | | | | | |
| Blank (3L03051-BLK1) | | | | | | | | | | |
| Prepared & Analyzed: 12/03/03 | | | | | | | | | | |
| Chemical Oxygen Demand | ND | 30 | mg/l | | | | | | | |
| Laboratory Control Sample (3L03051-BS1) | | | | | | | | | | |
| Prepared & Analyzed: 12/03/03 | | | | | | | | | | |
| Chemical Oxygen Demand | 88.1 | 30 | mg/l | 100 | | 88.1 | 80-124 | | | |
| Matrix Spike (3L03051-MS1) | | | | | | | | | | |
| Source: MMK0799-01 | | | | | | | | | | |
| Prepared & Analyzed: 12/03/03 | | | | | | | | | | |
| Chemical Oxygen Demand | 864 | 300 | mg/l | 1000 | ND | 86.4 | 80-124 | | | |
| Matrix Spike Dup (3L03051-MSD1) | | | | | | | | | | |
| Source: MMK0799-01 | | | | | | | | | | |
| Prepared & Analyzed: 12/03/03 | | | | | | | | | | |
| Chemical Oxygen Demand | 888 | 300 | mg/l | 1000 | ND | 88.8 | 80-124 | 2.74 | 23 | |



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

Project: Station 608
Project Number: 38486314.0L041
Project Manager: Afsaneh Salimpour

MMK0799
Reported:
12/05/03 10:04

Notes and Definitions

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

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

To: Sequoia-Morgen HILL
 885 Jarvis Drive
 Morgan Hill, CA 95037

MMK0799

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

Phone: (408) 776-9600
 Fax: (408) 782-6308
 Contact: Sample Receiving
 Phone: (408) 776-9600

CL Submission #: 2003-11-0734
 CL PO #:

Project #: 39486314.0L041
 Project Name: Station 608

| Location | Sample ID | Sample Date | Matrix | Method | QA |
|-------------------|-----------|------------------|--------|--------|------------|
| EFFL | 004 | 11/20/2003 08:20 | Water | | 11/21/2003 |
| Subcontract - COD | | | 410.4 | | 5 Day |

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

11/21/2003
 11/21/2003
 5 Day

| | | |
|--|---|--|
| RELINQUISHED BY: <i>[Signature]</i> 10:00 Signature Time Printed Name Date STL - SF Company | RELINQUISHED BY: FedEx Signature Time Printed Name Date Company | RELINQUISHED BY: Signature Time Printed Name Date Company |
| RECEIVED BY: FedEx Signature Time Printed Name Date Company | RECEIVED BY: <i>Andria Jensen</i> 1235 Signature Time Printed Name Date Sex MH Company | RECEIVED BY: Signature Time Printed Name Date Company |

ATTACHMENT B

OPERATION AND MAINTENANCE FIELD LOGS

Date: 11/20/03

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

System Description:

| Well | Type | Size | Control | Set Depth (TOB) |
|------|----------|------|---------|-----------------|
| E-1A | Electric | 3" | panel | 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 (kv hrs) | <u>35584</u> | HOUR METER READING (hrs) | <u>8181.5</u> |
| | | Time: | <u>0823</u> |

| MEASUREMENT | ON ARRIVAL | ON DEPARTURE |
|---|-------------------|-----------------------------|
| TOTALIZER (gallons) | <u>3204504</u> | <u>3204612</u> |
| FILTER INLET PRESSURE (psig) | <u>14.0</u> | (ideal range: 8 to 12 psig) |
| CARBON #1 INLET PRESSURE (psig) | <u>11.4</u> | (ideal range: 5 to 9 psig) |
| CARBON #2 INLET PRESSURE (psig) / <u>Carbon 3</u> | <u>10.0 / 4.7</u> | (ideal range: 1 to 4 psig) |
| DISCHARGE PRESSURE (psig) | <u>0</u> | (ideal range: 0 to 2 psig) |

PART B: COMMENTS 333.6 hours, 28,048 gals.

System averaging 84 gal/hour, 2010 gal/day,
1.4 gal/min

11/20/03

PART C: WELL DATA (Monthly)

* ALLOW SYSTEM TO RUN 1 HOUR BEFORE OBTAINING DTW READINGS

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

PART D: SAMPLING (Monthly)

| SAMPLE | ANALYSIS | COMPLETED |
|----------|---|-----------------|
| INFLUENT | TPH-gasoline, BTEX compounds, MiBE, <i>Oxygenates</i> | <i>11/20/03</i> |
| EFFLUENT | TPH-gasoline, BTEX compounds, MiBE COD, TSS, <i>Oxygenates</i> | <i>11/20/03</i> |
| MID-1 | TPH-gasoline, BTEX compounds, MiBE, <i>Oxygenates</i> | <i>11/20/03</i> |
| MID-2 | TPH-gasoline, BTEX compounds, MiBE, <i>Oxygenates</i> | <i>11/20/03</i> |

PART E: READINGS (Monthly)

| EFFLUENT | TEMP (°F) | CONDUCTIVITY (umhos) | pH (units) | DISSOLVED OXYGEN (ppm) |
|----------|---------------|----------------------|-------------|---------------------------|
| | <i>17.1°C</i> | <i>996 µS</i> | <i>6.94</i> | <i>0.84</i> |

PART F: SYSTEM MAINTENANCE I (Monthly)

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

PART G: SYSTEM MAINTENANCE II (Quarterly)

| | | | |
|---------------------|-----------------|-------------------|------------|
| TEST ALARM SWITCHES | <i>11/20/03</i> | BACKFLUSH CARBONS | <i>N/A</i> |
| CLEAN TOTALIZERS | <i>11/20/03</i> | | |