

THRIFTY OIL CO.

October 3, 2005

O.60724

Ms. Susan Hugo
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Local #3871
RWQCB #01-1479
Global ID #T0600101366
Confirmation #7462882399

RE: **Former Thrifty Oil Co. Station #063**
ARCO Products Company Station #9542
6125 Telegraph Avenue
Oakland, CA
3rd Quarter 2005, Status Report

Alameda County
OCT 07 2005
Environmental Health

Dear Ms. Hugo:

Presented herein is the Third Quarter 2005, Status Report prepared for former Thrifty Oil Co. (Thrifty) Station #063 located at 6125 Telegraph Avenue, Oakland, California (**Figure 1**). This report presents the results of the site monitoring and remedial activities in the third quarter of 2005. Thrifty has retained the services of Earth Management Company (EMC) to conduct quarterly monitoring and sampling and remedial system monitoring activities at this site.

Groundwater Monitoring

Depth to groundwater is measured in each monitoring well on a quarterly basis. In general, groundwater occurred beneath the station at depths ranging from 13.17 feet below top of casing (btc) in monitoring well MW-3 to 16.79 feet btc in monitoring well MW-4 on July 27, 2005. A groundwater elevation contour map based on the July 27, 2005, data is presented in **Figure 2**. The groundwater flow direction is to the southwest at an approximate gradient of 0.0417 feet/foot.

Quarterly Groundwater Sampling

As part of the ongoing groundwater-monitoring program, groundwater samples were obtained from monitoring wells MW-1, MW-3, MW-4, MW-5, and MW-6 on July 27, 2005. Groundwater samples were obtained by EMC and delivered in a chilled state following strict Chain-of-Custody procedure to a state-certified laboratory. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M, and for benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tert-butyl ether (MTBE) and other oxygenates by EPA Method 8260B. Laboratory analytical sampling results are provided in **Table 1**. Copies of the EMC Field Status Reports for groundwater sampling are presented in **Appendix A**, and copies of the laboratory analytical reports are contained in **Appendix B**.

TPHg, benzene, and MTBE isoconcentration maps results are presented in **Figures 3, 4, and 5**, respectively. Laboratory results indicate the highest concentrations of TPHg and MTBE were in monitoring well MW-4, with concentrations of 1,990 micrograms per liter (ug/L) and 2,590 ug/L, respectively. Benzene was only detected in well MW-3 (5.6 ug/L).



Remediation Status

Site remedial activities were initiated in April 1991. Presently, the remediation system consists of a Groundwater Treatment System that extracts groundwater from monitoring well MW-3 with treatment utilizing activated carbon. System operational data is included in **Table 2** and **Appendix C**. During this reporting period from June 29, 2005 through September 9, 2005, the groundwater treatment system processed approximately 10,990 gallons of groundwater and has treated approximately 2,684,429 gallons of groundwater since start-up (April 1991).

The system was upgraded in the 2nd Quarter 2005, consisting of a pump replacement in well MW-3 and the adding of well MW-4 to the extraction well array. On May 10, 2005, the system was restarted with a new pump in well MW-3; and on May 13, 2005, a pump was installed in well MW-4. The pump in well MW-4 was started on May 20, 2005.

Closing Comments

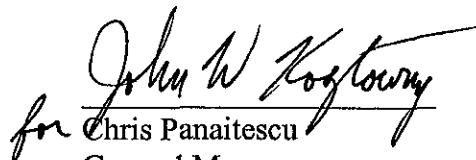
The groundwater monitoring wells and the treatment unit will be monitored and sampled during the next quarter. All site monitoring/sampling data generated during the next quarter will be reported in the 4th Quarter 2005 monitoring report.

All interpretations expressed in this report are based solely upon the review of data collected by EMC and Associated Laboratories.

Sincerely,



Michael H. Bowery, R.G.
Project Manager



for Chris Panaitescu
General Manager
Environmental Affairs

cc: BP West Coast Products LLC; Mr. Jack Oman
File

TABLES

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, CA**

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | DEPTH TO GROUNDWATER (feet) | DEPTH TO PRODUCT (feet) | PRODUCT THICKNESS (feet) | CASING ELEVATION (feet) | GROUNDWATER ELEVATION (feet) |
|----------------------------------------|-----------------------|----------------|----------------|---------------------|---------------|--------------|-----------------------------|-------------------------|--------------------------|-------------------------|------------------------------|
| | TPH (ug/L) | BENZENE (ug/L) | TOLUENE (ug/L) | EthylBenzene (ug/L) | XYLENE (ug/L) | MTBE (ug/L) | | | | | |
| MONITORING WELL #MW-1 | | | | | | | | | | | |
| <i>Screen Interval = 15 to 30 feet</i> | | | | | | | | | | | |
| 11/21/86 | - | - | - | - | - | - | 15.42 | NP | 0.00 | 99.34 | 83.92 |
| 07/22/91 | - | - | - | - | - | - | 20.41 | FILM | 0.00 | 99.34 | 78.93 |
| 10/24/91 | - | - | - | - | - | - | 19.06 | SHEEN | 0.00 | 99.34 | 80.28 |
| 01/22/92 | - | - | - | - | - | - | 18.78 | SHEEN | 0.00 | 99.34 | 80.56 |
| 03/24/92 | - | - | - | - | - | - | 13.55 | SHEEN | 0.00 | 99.34 | 85.79 |
| 07/15/92 | - | - | - | - | - | - | 18.90 | FILM | 0.00 | 99.34 | 80.44 |
| 10/05/92 | - | - | - | - | - | - | 20.50 | FILM | 0.00 | 99.34 | 78.84 |
| 01/06/93 | - | - | - | - | - | - | 14.93 | FILM | 0.00 | 99.34 | 84.41 |
| 07/13/93 | - | - | - | - | - | - | 15.44 | FILM | 0.00 | 99.34 | 83.90 |
| 10/11/93 | - | - | - | - | - | - | 20.36 | FILM | 0.00 | 99.34 | 78.98 |
| 01/11/94 | - | - | - | - | - | - | 19.50 | FILM | 0.00 | 99.34 | 79.84 |
| 04/12/94 | - | - | - | - | - | - | 18.10 | FILM | 0.00 | 99.34 | 81.24 |
| 07/14/94 | - | - | - | - | - | - | 20.03 | FILM | 0.00 | 99.34 | 79.31 |
| 01/15/96 | 11,000 | 2,800 | 150 | 780 | 770 | - | 19.02 | NP | 0.00 | 99.34 | 80.32 |
| 04/15/96 | 17,000 | 3,600 | 330 | 1,500 | 3,400 | - | 18.82 | NP | 0.00 | 99.34 | 80.52 |
| 07/15/96 | 12,000 | 1,300 | 200 | 1,200 | 4,600 | 250 | - | NP | - | - | - |
| 10/09/96 | - | - | - | - | - | - | 14.87 | NP | 0.00 | 99.34 | 84.47 |
| 01/13/97 | 27,000 | 810 | 6,000 | 570 | 4,100 | 2,700 | 10.20 | NP | 0.00 | 99.34 | 89.14 |
| 04/14/97 | 2,900 | 3.0 | 2.9 | <0.3 | 1.7 | 9,900 | - | NP | - | - | - |
| 07/07/97 | 5,200 | 0.57 | 0.57 | <0.3 | 0.71 | 16,000 | 18.75 | NP | 0.00 | 99.34 | 80.59 |
| 10/16/97 | 680 | <0.3 | 0.55 | <0.3 | <0.5 | - | 17.92 | NP | 0.00 | 99.34 | 81.42 |
| 01/07/98 | 42,000 | 980 | 2,800 | 1,200 | 5,200 | 1.3 | 9.80 | NP | 0.00 | 99.34 | 89.54 |
| 04/06/98 | 7,100 | 700 | 340 | 170 | 2,600 | 1,000 | 9.60 | NP | 0.00 | 99.34 | 89.74 |
| 07/14/98 | 19,000 | 2,100 | 400 | 890 | 5,800 | 1,600 | 13.70 | NP | 0.00 | 99.34 | 85.64 |
| 10/15/98 | 490 | <0.3 | <0.3 | <0.3 | <0.5 | 1,300 | 15.25 | NP | 0.00 | 99.34 | 84.09 |
| 01/20/99 | 350 | <0.3 | <0.3 | <0.3 | <0.5 | * 670 / 820 | 12.20 | NP | 0.00 | 99.34 | 87.14 |
| 04/16/99 | 320 | <0.3 | <0.3 | <0.3 | <0.5 | * 540 / 630 | 12.20 | NP | 0.00 | 99.34 | 87.14 |
| 07/14/99 | 290 | <0.3 | <0.3 | <0.3 | <0.5 | *590 / 580 | 13.75 | NP | 0.00 | 99.34 | 85.59 |
| 10/07/99 | 130 | <0.3 | <0.3 | <0.3 | <0.5 | 270 | 12.15 | NP | 0.00 | 99.34 | 87.19 |
| 01/26/00 | 13,000 | 460 | 54 | 290 | 3,700 | 940 | 13.14 | NP | 0.00 | 99.34 | 86.20 |
| 04/19/00 | 546 | <0.25 | <0.25 | <0.25 | <0.5 | *430 / 606 | 10.63 | NP | 0.00 | 99.34 | 88.71 |
| 05/26/00 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | <5 | 9.11 | NP | 0.00 | 99.34 | 90.23 |
| 07/26/00 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | <5 | 9.10 | NP | 0.00 | 99.34 | 90.24 |
| 10/25/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 9.08 | NP | 0.00 | 99.34 | 90.26 |
| 01/10/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 12.16 | NP | 0.00 | 99.34 | 87.18 |
| 04/23/01 | 18,100 | 740 | 55 | 650 | 4,000 | *1,850 / 842 | 10.60 | NP | 0.00 | 99.34 | 88.74 |
| 07/16/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 9.07 | NP | 0.00 | 99.34 | 90.27 |
| 10/17/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 12.16 | NP | 0.00 | 99.34 | 87.18 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, CA**

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | DEPTH TO GROUNDWATER (feet) | DEPTH TO PRODUCT (feet) | PRODUCT THICKNESS (feet) | CASING ELEVATION (feet) | GROUNDWATER ELEVATION (feet) |
|--------------------------------------------------------------|-----------------------|----------------|----------------|---------------------|---------------|--------------|-----------------------------|-------------------------|--------------------------|-------------------------|------------------------------|
| | TPH (ug/L) | BENZENE (ug/L) | TOLUENE (ug/L) | EthylBenzene (ug/L) | XYLENE (ug/L) | MTBE (ug/L) | | | | | |
| 01/23/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 15.23 | NP | 0.00 | 99.34 | 84.11 |
| 04/10/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 15.17 | NP | 0.00 | 99.34 | 84.17 |
| 07/24/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 16.71 | NP | 0.00 | 99.34 | 82.63 |
| 10/30/02 | <50 | 2.2 | <0.14 | <0.18 | <0.26 | 13 | 15.16 | NP | 0.00 | 99.34 | 84.18 |
| 01/15/03 | 465 J | <0.14 | <0.07 | <0.08 | <0.35 | 147 | 16.70 | NP | 0.00 | 99.34 | 82.64 |
| 04/16/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 15.16 | NP | 0.00 | 99.34 | 84.18 |
| 07/14/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 13.64 | NP | 0.00 | 99.34 | 85.70 |
| 10/08/03 | 761 | 11 | <0.32 | 1.4 J | 2.9 J | 653 | 15.50 | NP | 0.00 | 99.34 | 83.84 |
| 01/15/04 | 853 | <0.04 | <0.02 | <0.02 | <0.06 | *1,100 / 558 | 14.20 | NP | 0.00 | 99.34 | 85.14 |
| 04/14/04 | 494 | <2.2 | <3.2 | <3.1 | <4.0 | 843 | 12.93 | NP | 0.00 | 99.34 | 86.41 |
| 07/29/04 | 1,040 | <2.2 | <3.2 | <3.1 | <4.0 | 1,070 | 14.73 | NP | 0.00 | 99.34 | 84.61 |
| 10/14/04 | 3,250 | 266 | <0.32 | 59 | 78 | 811 | 15.26 | NP | 0.00 | 99.34 | 84.08 |
| 01/06/05 | 197 | <0.22 | <0.32 | <0.31 | <0.4 | 406 | 15.14 | NP | 0.00 | 99.34 | 84.20 |
| 04/13/05 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 9.40 | NP | 0.00 | 99.34 | 89.94 |
| 07/27/05 | <2.9 | <0.32 | <0.10 | <0.24 | <0.30 | <0.63 | 16.65 | NP | 0.00 | 99.34 | 82.69 |
| MONITORING WELL #MW-2 Screen Interval = 15 to 30 feet | | | | | | | | | | | |
| 11/21/86 | - | - | - | - | - | - | 14.90 | 0.11 | 14.79 | 100.01 | 96.28 |
| 07/22/91 | - | - | - | - | - | - | 17.84 | 0.38 | 17.46 | 100.01 | 95.35 |
| 10/24/91 | - | - | - | - | - | - | 17.00 | 16.97 | 0.03 | 100.01 | 83.03 |
| 01/22/92 | - | - | - | - | - | - | 16.72 | FILM | 0.00 | 100.01 | 83.29 |
| 03/24/92 | - | - | - | - | - | - | 15.81 | 11.98 | 3.83 | 100.01 | 87.09 |
| 07/15/92 | - | - | - | - | - | - | 16.37 | FILM | 0.00 | 100.01 | 83.64 |
| 10/05/92 | - | - | - | - | - | - | 18.41 | 18.09 | 0.32 | 100.01 | 81.84 |
| 01/06/93 | - | - | - | - | - | - | 12.37 | FILM | 0.00 | 100.01 | 87.64 |
| 07/13/93 | - | - | - | - | - | - | 15.19 | FILM | 0.00 | 100.01 | 84.82 |
| 10/11/93 | - | - | - | - | - | - | 18.05 | 0.10 | 17.95 | 100.01 | 95.51 |
| 01/11/94 | - | - | - | - | - | - | 16.98 | 0.03 | 16.95 | 100.01 | 95.83 |
| 04/12/94 | - | - | - | - | - | - | 15.54 | FILM | 0.00 | 100.01 | 84.47 |
| 07/14/94 | - | - | - | - | - | - | 17.93 | FILM | 0.00 | 100.01 | 82.08 |
| 01/15/96 | 7,100 | 720 | 280 | 48 | 660 | - | 17.20 | NP | 0.00 | 100.01 | 82.81 |
| 04/15/96 | 11,000 | 600 | 59 | 420 | 870 | - | 17.26 | NP | 0.00 | 100.01 | 82.75 |
| 07/15/96 | 19,000 | 360 | 51 | 610 | 1,600 | <250 | - | - | - | - | - |
| 10/09/96 | - | - | - | - | - | - | 14.42 | NP | 0.00 | 100.01 | 85.59 |
| 01/13/97 | 11,000 | 230 | 30 | 91 | 700 | 56 | 10.25 | NP | 0.00 | 100.01 | 89.76 |
| 04/14/97 | 141 | 1.2 | 0.33 | 0.44 | <0.5 | 20 | - | - | - | - | - |
| 07/07/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 17.20 | NP | 0.00 | 100.01 | 82.81 |
| 10/16/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 16.20 | NP | 0.00 | 100.01 | 83.81 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, CA**

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | DEPTH TO GROUNDWATER (feet) | DEPTH TO PRODUCT (feet) | PRODUCT THICKNESS (feet) | CASING ELEVATION (feet) | GROUNDWATER ELEVATION (feet) |
|----------------------------------------|-----------------------|-------------------|-------------------|------------------------|------------------|--------------------------------------------|-----------------------------------|-------------------------------|--------------------------------|-------------------------------|------------------------------------|
| | TPH (ug/L) | BENZENE (ug/L) | TOLUENE (ug/L) | EthylBenzene (ug/L) | XYLENE (ug/L) | MTBE (ug/L) | | | | | |
| 01/07/98 | - | - | - | - | - | - | 16.26 | 16.18 | 0.08 | 100.01 | 83.81 |
| Well Abandoned 1/30/98 | | | | | | | | | | | |
| MONITORING WELL #MW-3 | | | | | | | | | | | |
| <i>Screen Interval = 15 to 30 feet</i> | | | | | | <i>(GROUNDWATER SYSTEM'S PUMPING WELL)</i> | | | | | |
| 11/21/86 | - | 100 | 5.1 | <1.0 | 25 | - | 16.25 | 0.10 | 16.15 | 99.76 | 95.70 |
| 07/22/91 | - | - | - | - | - | - | 24.00 | NP | 0.00 | 99.76 | 75.76 |
| 10/24/91 | - | - | - | - | - | - | 18.10 | NP | 0.00 | 99.76 | 81.66 |
| 01/22/92 | - | - | - | - | - | - | 25.80 | SHEEN | 0.00 | 99.76 | 73.96 |
| 03/24/92 | - | - | - | - | - | - | 15.60 | NP | 0.00 | 99.76 | 84.16 |
| 07/15/92 | - | - | - | - | - | - | 25.10 | FILM | 0.00 | 99.76 | 74.66 |
| 10/05/92 | - | - | - | - | - | - | 25.20 | NP | 0.00 | 99.76 | 74.56 |
| 01/06/93 | - | - | - | - | - | - | 25.45 | NP | 0.00 | 99.76 | 74.31 |
| 07/13/93 | - | - | - | - | - | - | 14.24 | NP | 0.00 | 99.76 | 85.52 |
| 10/11/93 | - | - | - | - | - | - | 25.60 | NP | 0.00 | 99.76 | 74.16 |
| 01/11/94 | - | - | - | - | - | - | 25.90 | NP | 0.00 | 99.76 | 73.86 |
| 04/12/94 | - | - | - | - | - | - | 25.70 | NP | 0.00 | 99.76 | 74.06 |
| 07/14/94 | - | - | - | - | - | - | 25.10 | NP | 0.00 | 99.76 | 74.66 |
| 01/15/96 | - | - | - | - | - | - | 26.04 | NP | 0.00 | 99.76 | 73.72 |
| 04/15/96 | - | - | - | - | - | - | 21.03 | NP | 0.00 | 99.76 | 78.73 |
| 07/15/96 | 5,900 | 240 | 30 | 270 | 730 | 780 | - | - | - | - | - |
| 10/09/96 | - | - | - | - | - | - | 21.43 | NP | 0.00 | 99.76 | 78.33 |
| 01/13/97 | - | - | - | - | - | - | 11.20 | NP | 0.00 | 99.76 | 88.56 |
| 07/07/97 | - | - | - | - | - | - | 23.40 | NP | 0.00 | 99.76 | 76.36 |
| 10/16/97 | - | - | - | - | - | - | 22.30 | NP | 0.00 | 99.76 | 77.46 |
| 01/07/98 | - | - | - | - | - | - | 20.10 | NP | 0.00 | 99.76 | 79.66 |
| 07/14/98 | - | - | - | - | - | - | 14.40 | NP | 0.00 | 99.76 | 85.36 |
| 10/15/98 | - | - | - | - | - | - | - | - | - | - | - |
| 01/20/99 | - | - | - | - | - | - | - | - | - | - | - |
| 04/16/99 | - | - | - | - | - | - | 11.20 | NP | 0.00 | 99.76 | 88.56 |
| 07/14/99 | 5,600 | 9.6 | 1.3 | 3.5 | 8.1 | *14,000 / 14,000 | 25.87 | NP | 0.00 | 99.76 | 73.89 |
| 10/07/99 | - | - | - | - | - | - | 15.40 | NP | 0.00 | 99.76 | 84.36 |
| 01/26/00 | - | - | - | - | - | - | 14.25 | NP | 0.00 | 99.76 | 85.51 |
| 04/19/00 | - | - | - | - | - | - | 14.20 | NP | 0.00 | 99.76 | 85.56 |
| 05/26/00 | - | - | - | - | - | - | 15.12 | NP | 0.00 | 99.76 | 84.64 |
| 07/26/00 | - | - | - | - | - | - | 14.30 | NP | 0.00 | 99.76 | 85.46 |
| 10/25/00 | - | - | - | - | - | - | 14.32 | NP | 0.00 | 99.76 | 85.44 |
| 01/10/01 | - | - | - | - | - | - | 13.46 | NP | 0.00 | 99.76 | 86.30 |
| 04/23/01 | - | - | - | - | - | - | - | - | - | - | - |
| 07/16/01 | - | - | - | - | - | - | 12.80 | NP | 0.00 | 99.76 | 86.96 |

**TABLE 1
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THRIFTY OIL STATION #063, OAKLAND, CA**

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | DEPTH TO GROUNDWATER (feet) | DEPTH TO PRODUCT (feet) | PRODUCT THICKNESS (feet) | CASING ELEVATION (feet) | GROUNDWATER ELEVATION (feet) |
|-------------------------------------------------------------|-----------------------|----------------|----------------|---------------------|---------------|-------------|-----------------------------|-------------------------|--------------------------|-------------------------|------------------------------|
| | TPH (ug/L) | BENZENE (ug/L) | TOLUENE (ug/L) | EthylBenzene (ug/L) | XYLENE (ug/L) | MTBE (ug/L) | | | | | |
| 10/17/01 | - | - | - | - | - | - | 15.30 | NP | 0.00 | 99.76 | 84.46 |
| 01/23/02 | - | - | - | - | - | - | - | - | - | - | - |
| 04/10/02 | - | - | - | - | - | - | 13.22 | NP | 0.00 | 99.76 | 86.54 |
| 07/24/02 | - | - | - | - | - | - | 14.32 | NP | 0.00 | 99.76 | 85.44 |
| 10/30/02 | - | - | - | - | - | - | 16.20 | NP | 0.00 | 99.76 | 83.56 |
| 01/15/03 | - | - | - | - | - | - | 14.10 | NP | 0.00 | 99.76 | 85.66 |
| 04/16/03 | - | - | - | - | - | - | - | - | - | 99.76 | - |
| 07/14/03 | 2,490 | <0.22 | <0.32 | <0.31 | 1.3 J | 2,050 | 18.30 | NP | 0.00 | 99.76 | 81.46 |
| 10/08/03 | 3,330 | <0.22 | <0.32 | <0.31 | <0.4 | 4,070 | 16.65 | NP | 0.00 | 99.76 | 83.11 |
| 01/15/04 | 102 | 2.1 | 3.5 | <0.02 | 12 | *28 / 17 | 14.18 | NP | 0.00 | 99.76 | 85.58 |
| 04/14/04 | 464 | 63 | 18 | <0.31 | 16 | 189 | 13.45 | NP | 0.00 | 99.76 | 86.32 |
| 07/29/04 | 1,560 | 74 | <3.2 | 30 J | <4.0 | 729 | 15.94 | NP | 0.00 | 99.76 | 83.82 |
| 10/14/04 | 2,490 | 25 | <0.32 | <0.31 | <0.4 | 2,530 | 16.11 | NP | 0.00 | 99.76 | 83.65 |
| 01/06/05 | 394 | 12 | <0.32 | 1.5 J | <0.4 | 51 | 15.61 | NP | 0.00 | 99.76 | 84.15 |
| 04/13/05 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 9.19 | NP | 0.00 | 99.76 | 90.57 |
| 07/27/05 | 383 | 5.6 | <0.10 | 17 | 2.4 J | 125 | 16.63 | NP | 0.00 | 99.76 | 83.13 |
| MONITORING WELL #MW-4 Screen Interval - 9 to 29 feet | | | | | | | | | | | |
| 11/21/86 | 100,000 | 3,200 | 2,700 | 2,400 | 14,000 | - | 16.22 | FILM | 0.00 | 99.48 | 83.26 |
| 07/22/91 | - | - | - | - | - | - | 21.80 | 21.35 | 0.45 | 99.48 | 78.02 |
| 10/24/91 | - | - | - | - | - | - | 20.02 | SHEEN | 0.00 | 99.48 | 79.46 |
| 01/22/92 | - | - | - | - | - | - | 19.78 | SHEEN | 0.00 | 99.48 | 79.70 |
| 03/24/92 | - | - | - | - | - | - | 13.94 | FILM | 0.00 | 99.48 | 85.54 |
| 07/15/92 | - | - | - | - | - | - | 19.27 | FILM | 0.00 | 99.48 | 80.21 |
| 10/05/92 | - | - | - | - | - | - | 21.44 | FILM | 0.00 | 99.48 | 78.04 |
| 01/06/93 | - | - | - | - | - | - | 14.08 | FILM | 0.00 | 99.48 | 85.40 |
| 07/13/93 | - | - | - | - | - | - | 16.09 | FILM | 0.00 | 99.48 | 83.39 |
| 10/11/93 | - | - | - | - | - | - | 21.33 | FILM | 0.00 | 99.48 | 78.15 |
| 01/11/94 | - | - | - | - | - | - | 20.45 | FILM | 0.00 | 99.48 | 79.03 |
| 04/12/94 | - | - | - | - | - | - | 19.05 | FILM | 0.00 | 99.48 | 80.43 |
| 07/14/94 | - | - | - | - | - | - | 20.41 | FILM | 0.00 | 99.48 | 79.07 |
| 01/15/96 | 5,000 | 370 | 38 | 300 | 390 | - | 19.89 | NP | 0.00 | 99.48 | 79.59 |
| 04/15/96 | 38,000 | 300 | 78 | 540 | 470 | - | 19.62 | NP | 0.00 | 99.48 | 79.86 |
| 07/15/96 | 13,000 | 880 | 69 | 820 | 1,100 | 3,600 | - | - | - | - | - |
| 10/09/96 | - | - | - | - | - | - | 15.32 | NP | 0.00 | 99.48 | 84.16 |
| 01/13/97 | 47,000 | 2,500 | 2,500 | 1,100 | 2,800 | 70,000 | 10.80 | NP | 0.00 | 99.48 | 88.68 |
| 04/14/97 | 8,700 | <0.3 | 0.45 | <0.3 | 0.64 | 29,000 | - | - | - | - | - |
| 07/07/97 | 12,000 | <0.3 | <0.3 | <0.3 | <0.5 | - | 18.80 | NP | 0.00 | 99.48 | 80.68 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, CA**

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | DEPTH TO GROUNDWATER (feet) | DEPTH TO PRODUCT (feet) | PRODUCT THICKNESS (feet) | CASING ELEVATION (feet) | GROUNDWATER ELEVATION (feet) |
|-------------------------------------------------------------|-----------------------|----------------|----------------|---------------------|---------------|------------------|-----------------------------|-------------------------|--------------------------|-------------------------|------------------------------|
| | TPH (ug/L) | BENZENE (ug/L) | TOLUENE (ug/L) | EthylBenzene (ug/L) | XYLENE (ug/L) | MTBE (ug/L) | | | | | |
| 10/16/97 | 770 | <0.3 | <0.3 | <0.3 | <0.5 | - | 17.76 | NP | 0.00 | 99.48 | 81.72 |
| 01/07/98 | 75,000 | 3,000 | 900 | 1,400 | 2,500 | 110 | 11.60 | NP | 0.00 | 99.48 | 87.88 |
| 04/08/98 | 18,000 | 1,200 | 130 | 710 | 1,400 | 22,000 | 10.10 | NP | 0.00 | 99.48 | 89.38 |
| 07/14/98 | 21,000 | 1,300 | 58 | 1,200 | 1,100 | 23,000 | 16.30 | NP | 0.00 | 99.48 | 83.18 |
| 10/15/98 | 9,100 | 1.1 | 0.62 | <0.3 | <0.5 | 30,000 | 16.90 | NP | 0.00 | 99.48 | 82.58 |
| 01/20/99 | 16,000 | <0.3 | 0.91 | 0.72 | 1.4 | *43,000 / 42,000 | 15.35 | NP | 0.00 | 100.48 | 85.13 |
| 04/16/99 | 17,000 | 0.48 | 0.92 | 0.54 | 1.4 | *28,000 / 26,000 | 15.30 | NP | 0.00 | 100.48 | 85.18 |
| 07/14/99 | 8,500 | <6 | <6 | <6 | <10 | *21,000 / 16,000 | 18.40 | NP | 0.00 | 100.48 | 82.08 |
| 10/07/99 | 2,500 | <1.5 | 3.1 | <1.5 | <2.5 | 4,800 | 16.89 | NP | 0.00 | 100.48 | 83.59 |
| 01/26/00 | 9,900 | 350 | 9 | 460 | 460 | 2,800 | 12.62 | NP | 0.00 | 100.48 | 87.86 |
| 04/19/00 | 8,990 | 0.7 | <0.25 | <0.25 | <0.5 | *3,240 / 5,450 | 12.28 | NP | 0.00 | 100.48 | 88.20 |
| 05/26/00 | 94 | <0.3 | <0.3 | <0.3 | <0.6 | *746 / 419 | 13.81 | NP | 0.00 | 100.48 | 86.67 |
| 07/26/00 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | 3,110 / 2,060 | 12.29 | NP | 0.00 | 100.48 | 88.19 |
| 10/25/00 | 2,480 | <0.18 | <0.14 | <0.18 | <0.26 | *3,690 / 3,040 | 12.26 | NP | 0.00 | 100.48 | 88.22 |
| 01/10/01 | <50 | <0.18 | 2 | <0.18 | 1 | 962 | 10.75 | NP | 0.00 | 100.48 | 89.73 |
| 04/23/01 | 482 | <0.18 | <0.14 | <0.18 | <0.26 | *875 / 453 | 12.26 | NP | 0.00 | 100.48 | 88.22 |
| 07/16/01 | 71,700 | 9,440 | 12,600 | 514 | 8,980 | *1,330 / 389 | 13.80 | NP | 0.00 | 100.48 | 86.68 |
| 10/17/01 | 13,500 | 1,950 | 425 | <5.94 | 1,110 | *829 / 329 | 16.87 | NP | 0.00 | 100.48 | 83.61 |
| 01/23/02 | 12,100 | 196 | 57 | 68 | 2,090 | *688/738 | 12.28 | NP | 0.00 | 100.48 | 88.20 |
| 04/10/02 | 655 | 7 | 8 | 1 | 1 | 587 | 13.80 | NP | 0.00 | 100.48 | 86.68 |
| 07/24/02 | 17,400 | <0.18 | 1.9 | 1.4 | 2.2 | 12,800 | 15.33 | NP | 0.00 | 100.48 | 85.15 |
| 10/30/02 | 17,300 | 400 | 47 | 748 | 131 | 12,300 | 17.00 | NP | 0.00 | 100.48 | 83.48 |
| 01/15/03 | 23,000 | 568 | 39 | 832 | 268 | 18,300 | 16.84 | NP | 0.00 | 100.48 | 83.64 |
| 04/16/03 | 15,800 | 411 | 15 | 26 | 14 | 18,200 | 16.86 | NP | 0.00 | 100.48 | 83.62 |
| 07/14/03 | 13,300 | 145 | 26 | 2.8 J | 12 | 17,600 | 10.69 | NP | 0.00 | 100.48 | 89.79 |
| 10/08/03 | 12,500 | 64 | <3.2 | 359 | 24 J | 11,400 | 16.32 | NP | 0.00 | 100.48 | 84.16 |
| 01/15/04 | 12,300 | 11 | 4.4 | 66 | 4.0 | *17,000 / 9,560 | 14.67 | NP | 0.00 | 100.48 | 85.81 |
| 04/14/04 | 7,340 | <11 | <16 | <15.5 | <20 | 13,500 | 13.68 | NP | 0.00 | 100.48 | 86.80 |
| 07/29/04 | 5,400 | <2.2 | <3.2 | 57 | <4.0 | 6,730 | 15.50 | NP | 0.00 | 100.48 | 84.98 |
| 10/14/04 | 10,200 | 197 | <3.2 | 233 | 13 J | 3,940 | 16.08 | NP | 0.00 | 100.48 | 84.40 |
| 01/06/05 | 4,880 | 60 | <3.2 | 74 | <4.0 | 4,760 | 15.24 | NP | 0.00 | 100.48 | 85.24 |
| 04/13/05 | 2,780 | 57 | 35 | 20 | 251 | 3,650 | 9.64 | NP | 0.00 | 100.48 | 90.84 |
| 07/27/05 | 1,990 | <0.32 | <0.10 | <0.24 | <0.30 | 2,590 | 16.79 | NP | 0.00 | 100.48 | 83.69 |
| MONITORING WELL #MW-5 Screen Interval = 7 to 27 feet | | | | | | | | | | | |
| 11/21/86 | <1,000 | 4.8 | 2.1 | <0.5 | 7.4 | - | 16.10 | NP | 0.00 | 100.98 | 84.88 |
| 07/22/91 | - | <0.5 | 1.6 | <1.0 | 2.0 | - | 18.20 | NP | 0.00 | 100.98 | 82.78 |
| 10/24/91 | - | - | - | - | - | - | 17.67 | NP | 0.00 | 100.98 | 83.31 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, CA**

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | DEPTH TO GROUNDWATER (feet) | DEPTH TO PRODUCT (feet) | PRODUCT THICKNESS (feet) | CASING ELEVATION (feet) | GROUNDWATER ELEVATION (feet) |
|--------------|-----------------------|----------------|----------------|---------------------|---------------|-------------|-----------------------------|-------------------------|--------------------------|-------------------------|------------------------------|
| | TPH (ug/L) | BENZENE (ug/L) | TOLUENE (ug/L) | EthylBenzene (ug/L) | XYLENE (ug/L) | MTBE (ug/L) | | | | | |
| 01/22/92 | 600 | 210 | 8.0 | 2.0 | 17.0 | - | - | - | - | - | |
| 03/24/92 | - | - | - | - | - | - | 12.98 | NP | 0.00 | 100.98 | 88.00 |
| 07/15/92 | <200 | <0.5 | <0.5 | <0.5 | <0.5 | - | 17.29 | NP | 0.00 | 100.98 | 83.69 |
| 10/05/92 | - | - | - | - | - | - | 18.92 | NP | 0.00 | 100.98 | 82.06 |
| 01/06/93 | 300 | 2.7 | <0.5 | 1.3 | 26.0 | - | 13.12 | NP | 0.00 | 100.98 | 87.86 |
| 07/13/93 | <100 | 1.1 | 0.5 | 1.0 | 1.5 | - | 16.15 | NP | 0.00 | 100.98 | 84.83 |
| 10/11/93 | 130 | 1.2 | <0.3 | <0.3 | <0.6 | - | 18.75 | NP | 0.00 | 100.98 | 82.23 |
| 01/11/94 | <50 | 1.5 | <0.3 | <0.3 | <0.5 | - | 17.80 | NP | 0.00 | 100.98 | 83.18 |
| 04/12/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 13.59 | NP | 0.00 | 100.98 | 87.39 |
| 07/14/94 | <50 | 0.42 | <0.3 | <0.3 | <0.5 | - | 18.26 | NP | 0.00 | 100.98 | 82.72 |
| 07/15/95 | 100 | 1.2 | <0.5 | 0.8 | <1 | - | - | - | - | - | - |
| 01/15/96 | 1,900 | 21 | 13 | 6.2 | 6.8 | - | 13.09 | NP | 0.00 | 100.98 | 87.89 |
| 04/15/96 | 250 | 5.1 | 2.7 | 1.7 | 1.1 | - | 13.16 | NP | 0.00 | 100.98 | 87.82 |
| 07/15/96 | 270 | 6.5 | 1.4 | 1.8 | 1.4 | 230 | - | NP | - | - | - |
| 10/09/96 | - | - | - | - | - | - | 15.37 | NP | 0.00 | 100.98 | 85.61 |
| 01/13/97 | 25,000 | 780 | 5,700 | 560 | 4,000 | 24,000 | 10.90 | NP | 0.00 | 100.98 | 90.08 |
| 04/14/97 | 6,300 | 260 | 1,600 | 28 | 550 | 9,000 | - | - | - | - | - |
| 07/07/97 | 7,500 | 300 | 1,500 | 12 | 110 | 16,000 | 14.70 | NP | 0.00 | 100.98 | 86.28 |
| 10/16/97 | 4,600 | <0.3 | 0.65 | <0.3 | <0.5 | - | 13.60 | NP | 0.00 | 100.98 | 87.38 |
| 01/07/98 | 2,700 | 33 | 11 | 37 | 580 | 7.3 | 10.97 | NP | 0.00 | 100.98 | 90.01 |
| 04/08/98 | 300 | 9.1 | <0.3 | <0.3 | <0.5 | 650 | 10.90 | NP | 0.00 | 100.98 | 90.08 |
| 07/14/98 | 670 | 5.9 | <0.3 | <0.3 | 0.53 | 2,300 | 15.20 | NP | 0.00 | 100.98 | 85.78 |
| 10/15/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 19 | 15.90 | NP | 0.00 | 100.98 | 85.08 |
| 01/20/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 15.20 | NP | 0.00 | 101.98 | 86.78 |
| 04/16/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 15.25 | NP | 0.00 | 101.98 | 86.73 |
| 07/14/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 15.96 | NP | 0.00 | 101.98 | 86.02 |
| 10/07/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 16.33 | NP | 0.00 | 101.98 | 85.65 |
| 01/26/00 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 14.80 | NP | 0.00 | 101.98 | 87.18 |
| 04/19/00 | 965 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | 10.97 | NP | 0.00 | 101.98 | 91.01 |
| 05/26/00 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | <5 | 14.43 | NP | 0.00 | 101.98 | 87.55 |
| 07/26/00 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | <5 | 14.02 | NP | 0.00 | 101.98 | 87.96 |
| 10/25/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 14.04 | NP | 0.00 | 101.98 | 87.94 |
| 01/10/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 14.80 | NP | 0.00 | 101.98 | 87.18 |
| 04/23/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | *10 / 4.2 | 10.97 | NP | 0.00 | 101.98 | 91.01 |
| 07/16/01 | 3,360 | 430 | 603 | 53 | 429 | *41 / 4.2 | 14.80 | NP | 0.00 | 101.98 | 87.18 |
| 10/17/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | *16 / 5.2 | 16.71 | NP | 0.00 | 101.98 | 85.27 |
| 01/23/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 14.80 | NP | 0.00 | 101.98 | 87.18 |
| 04/10/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 14.42 | NP | 0.00 | 101.98 | 87.56 |
| 07/24/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 14.78 | NP | 0.00 | 101.98 | 87.20 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, CA**

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | DEPTH TO GROUNDWATER (feet) | DEPTH TO PRODUCT (feet) | PRODUCT THICKNESS (feet) | CASING ELEVATION (feet) | GROUNDWATER ELEVATION (feet) |
|---------------------------------------|-----------------------|----------------|----------------|---------------------|---------------|-------------|-----------------------------|-------------------------|--------------------------|-------------------------|------------------------------|
| | TPH (ug/L) | BENZENE (ug/L) | TOLUENE (ug/L) | EthylBenzene (ug/L) | XYLENE (ug/L) | MTBE (ug/L) | | | | | |
| 10/30/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 15.93 | NP | 0.00 | 101.98 | 86.05 |
| 01/15/03 | <50 | <0.14 | <0.07 | <0.08 | <0.35 | <2.0 | 15.55 | NP | 0.00 | 101.98 | 86.43 |
| 04/16/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 15.55 | NP | 0.00 | 101.98 | 86.43 |
| 07/14/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 15.93 | NP | 0.00 | 101.98 | 86.05 |
| 10/08/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 16.35 | NP | 0.00 | 101.98 | 85.63 |
| 01/15/04 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 15.06 | NP | 0.00 | 101.98 | 86.92 |
| 04/14/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 13.96 | NP | 0.00 | 101.98 | 88.02 |
| 07/29/04 | 659 | <2.2 | <3.2 | <3.1 | <4.0 | 606 | 15.60 | NP | 0.00 | 101.98 | 86.38 |
| 10/14/04 | 411 | <0.22 | <0.32 | <0.31 | <0.4 | 425 | 16.17 | NP | 0.00 | 101.98 | 85.81 |
| 01/06/05 | 433 | <0.22 | <0.32 | <0.31 | <0.4 | 491 | 15.52 | NP | 0.00 | 101.98 | 86.46 |
| 04/13/05 | 161 | <0.22 | <0.32 | <0.31 | <0.4 | 465 | 10.12 | NP | 0.00 | 101.98 | 91.86 |
| 07/27/05 | 237 | <0.32 | <0.10 | <0.24 | <0.30 | 243 | 16.66 | NP | 0.00 | 101.98 | 85.32 |
| MONITORING WELL #MW-6 | | | | | | | | | | | |
| <i>Screen Interval = 7 to 27 feet</i> | | | | | | | | | | | |
| 11/21/86 | <1,000 | <2.0 | <2.0 | <2.0 | <2.0 | - | 12.64 | NP | 0.00 | 99.44 | 86.80 |
| 07/22/91 | - | - | - | - | - | - | - | - | - | - | - |
| 01/22/92 | <200 | <0.5 | <0.5 | <0.5 | 1.5 | - | - | - | - | - | - |
| 03/24/92 | - | - | - | - | - | - | 10.04 | NP | 0.00 | 99.44 | 89.40 |
| 07/15/92 | <200 | <0.5 | <0.5 | <0.5 | <0.5 | - | 13.29 | NP | 0.00 | 99.44 | 86.15 |
| 10/05/92 | - | - | - | - | - | - | 14.69 | NP | 0.00 | 99.44 | 84.75 |
| 01/06/93 | <200 | <0.5 | <0.5 | <0.5 | <1.0 | - | 10.87 | NP | 0.00 | 99.44 | 88.57 |
| 07/13/93 | <100 | <0.5 | <0.5 | <0.5 | <1.0 | - | 13.10 | NP | 0.00 | 99.44 | 86.34 |
| 10/11/93 | <60 | <0.3 | <0.3 | <0.3 | <0.6 | - | 14.43 | NP | 0.00 | 99.44 | 85.01 |
| 01/11/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 13.56 | NP | 0.00 | 99.44 | 85.88 |
| 04/12/94 | <50 | <0.3 | <0.3 | <0.3 | <0.3 | - | 12.10 | NP | 0.00 | 99.44 | 87.34 |
| 07/14/94 | <50 | <0.3 | <0.3 | <0.3 | <0.3 | - | 14.16 | NP | 0.00 | 99.44 | 85.28 |
| 07/15/95 | 140 | <0.5 | <0.5 | <0.5 | <1 | - | - | - | - | - | - |
| 01/15/96 | 56 | 0.38 | 0.33 | <0.3 | <0.5 | - | 14.29 | NP | 0.00 | 99.44 | 85.15 |
| 04/15/96 | 96 | 4.5 | <0.3 | <0.3 | 0.53 | - | 14.32 | NP | 0.00 | 99.44 | 85.12 |
| 07/15/96 | 140 | 2.4 | 0.44 | <0.3 | 0.70 | 110 | - | - | - | - | - |
| 10/09/96 | - | - | - | - | - | - | 12.09 | NP | 0.00 | 99.44 | 87.35 |
| 01/13/97 | 210 | <0.3 | 1.2 | <0.3 | 0.68 | 270 | 9.85 | NP | 0.00 | 99.44 | 89.59 |
| 04/14/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | - | - | - | - |
| 07/07/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 14.20 | NP | 0.00 | 99.44 | 85.24 |
| 10/16/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 13.10 | NP | 0.00 | 99.44 | 86.34 |
| 01/07/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 0.10 | 9.80 | NP | 0.00 | 99.44 | 89.64 |
| 07/14/98 | 330 | <0.3 | <0.3 | <0.3 | <0.5 | 380 | 12.30 | NP | 0.00 | 99.44 | 87.14 |
| 10/15/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 14.30 | NP | 0.00 | 99.44 | 85.14 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #063, OAKLAND, CA**

| DATE SAMPLED | ANALYTICAL PARAMETERS | | | | | | DEPTH TO GROUNDWATER (feet) | DEPTH TO PRODUCT (feet) | PRODUCT THICKNESS (feet) | CASING ELEVATION (feet) | GROUNDWATER ELEVATION (feet) |
|--------------|-----------------------|----------------|---------------|---------------------|---------------|-------------|-----------------------------|-------------------------|--------------------------|-------------------------|------------------------------|
| | TPH (ug/L) | BENZENE (ug/L) | TOUENE (ug/L) | EthylBenzene (ug/L) | XYLENE (ug/L) | MTBE (ug/L) | | | | | |
| 01/20/99 | <50 | 0.47 | <0.3 | <0.3 | <0.5 | <5 | 13.60 | NP | 0.00 | 100.44 | 86.84 |
| 04/16/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 13.50 | NP | 0.00 | 100.44 | 86.94 |
| 07/14/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | *5.4 / <5 | 14.65 | NP | 0.00 | 100.44 | 85.79 |
| 10/07/99 | <50 | <0.3 | 0.96 | 0.35 | 1.8 | <5 | 15.39 | NP | 0.00 | 100.44 | 85.05 |
| 01/26/00 | <50 | <0.3 | <0.3 | <0.3 | 0.63 | <5 | 13.85 | NP | 0.00 | 100.44 | 86.59 |
| 04/19/00 | 83.1 | <0.25 | <0.25 | <0.25 | <0.5 | *11 / <5 | 9.65 | NP | 0.00 | 100.44 | 90.79 |
| 05/26/00 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | <5 | 13.10 | NP | 0.00 | 100.44 | 87.34 |
| 07/26/00 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | <5 | 12.35 | NP | 0.00 | 100.44 | 88.09 |
| 10/25/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | *7 / 10 | 12.30 | NP | 0.00 | 100.44 | 88.14 |
| 01/10/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | 78 | 13.45 | NP | 0.00 | 100.44 | 86.99 |
| 04/23/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | *9 / 4 | 9.65 | NP | 0.00 | 100.44 | 90.79 |
| 07/16/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 13.09 | NP | 0.00 | 100.44 | 87.35 |
| 10/17/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 15.37 | NP | 0.00 | 100.44 | 85.07 |
| 01/23/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 13.27 | NP | 0.00 | 100.44 | 87.17 |
| 04/10/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 13.07 | NP | 0.00 | 100.44 | 87.37 |
| 07/24/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 13.86 | NP | 0.00 | 100.44 | 86.58 |
| 10/30/02 | <50 | 1.6 | <0.14 | <0.18 | <0.26 | 6.4 | 14.20 | NP | 0.00 | 100.44 | 86.24 |
| 01/15/03 | <50 | <0.14 | <0.07 | <0.08 | 0.84 | <2.0 | 15.35 | NP | 0.00 | 100.44 | 85.09 |
| 04/16/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 14.58 | NP | 0.00 | 100.44 | 85.86 |
| 07/14/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 15.35 | NP | 0.00 | 100.44 | 85.09 |
| 10/08/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 13.80 | NP | 0.00 | 100.44 | 86.64 |
| 01/15/04 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 13.51 | NP | 0.00 | 100.44 | 86.93 |
| 04/14/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 11.62 | NP | 0.00 | 100.44 | 88.82 |
| 07/29/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 13.12 | NP | 0.00 | 100.44 | 87.32 |
| 10/14/04 | 346 | <0.22 | <0.32 | <0.31 | <0.4 | 159 | 13.53 | NP | 0.00 | 100.44 | 86.91 |
| 01/06/05 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 13.02 | NP | 0.00 | 100.44 | 87.42 |
| 04/13/05 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 9.32 | NP | 0.00 | 100.44 | 91.12 |
| 07/27/05 | <2.9 | <0.32 | <0.10 | <0.24 | <0.30 | <0.63 | 13.17 | NP | 0.00 | 100.44 | 87.27 |

NOTE: NP = No free hydrocarbon product
 " - " = Not analyzed / Not available
 * MTBE 8020 / 8260

Benzene, toluene, ethylbenzene, and xylene analyzed by EPA method 8020/8021B
 Total petroleum hydrocarbons (TPH) analyzed by EPA method 8015 modified for gasoline
 Methyl-tert Butyl Ether (MTBE) analyzed by EPA method 8020/8021B
 On 10/8/03 & 7/14/2003, BTEX and MTBE analyzed by 8260B
 Beginning 4/14/2004, BTEX and MTBE analyzed by 8260B

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

| Date | Totalizer (gallons) | Total/Cum. Discharge (gallons) | Flow (gal/day) | EFFLUENT (ug/L) | | | | | | INFLUENT (ug/L) | | | | | | |
|------------|---------------------|--------------------------------|----------------|-------------------------------------------------|------|------|------|------|------|-----------------|-------|------|------|-------|------|---|
| | | | | TPH-g | B | T | E | X | MTBE | TPH-g | B | T | E | X | MTBE | |
| 4/8/1991 | 1,669 | 0 | - | - | <0.3 | <0.3 | <0.3 | <0.9 | - | - | - | 1300 | 120 | <7.5 | 1300 | - |
| 4/15/1991 | 5,742 | 4,073 | 582 | - | <0.3 | <0.3 | <0.3 | <0.3 | - | - | - | 700 | 140 | <15 | 500 | - |
| 4/22/1991 | 10,240 | 8,571 | 643 | - | <0.3 | <0.3 | <0.3 | <0.9 | - | - | - | 850 | 100 | 34 | 860 | - |
| 4/29/1991 | 15,510 | 13,841 | 753 | - | <0.3 | <0.3 | <0.3 | <0.9 | - | - | - | 220 | 8.4 | <0.3 | 42 | - |
| 5/6/1991 | 20,200 | 18,531 | 670 | - | <0.3 | <0.3 | <0.3 | <0.9 | - | - | - | 280 | 0.8 | <0.3 | 56 | - |
| 5/13/1991 | 24,430 | 22,761 | 604 | - | <0.3 | <0.3 | <0.3 | <0.9 | - | - | - | 190 | 5.6 | <0.3 | 37 | - |
| 5/20/1991 | 28,480 | 26,811 | 579 | - | <0.3 | <0.3 | <0.3 | <0.9 | - | - | - | 150 | 0.83 | 1.4 | 29 | - |
| 5/28/1991 | 29,310 | 27,641 | 104 | - | <0.3 | <0.3 | <0.3 | <0.9 | - | - | - | <0.3 | <0.3 | <0.3 | <0.9 | - |
| 6/3/1991 | 33,080 | 31,411 | 628 | - | <0.3 | <0.3 | <0.3 | <0.9 | - | - | - | 58 | 4 | <0.3 | 33 | - |
| 6/10/1991 | 36,939 | 35,270 | 551 | - | <0.3 | <0.3 | <0.3 | <0.9 | - | - | - | 45 | <0.3 | <0.3 | 16 | - |
| 6/17/1991 | 40,673 | 39,004 | 533 | - | <0.3 | <0.3 | <0.3 | <0.9 | - | - | - | 69 | 4.9 | 0.9 | 21 | - |
| 6/24/1991 | 44,453 | 42,784 | 540 | - | <0.3 | <0.3 | <0.3 | <0.9 | - | - | - | 5.4 | 2 | <0.3 | 6.6 | - |
| 7/1/1991 | 48,173 | 46,504 | 531 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | 14 | 15 | <1 | 9.1 | - |
| 7/8/1991 | 51,681 | 50,012 | 501 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | <1 | 6.9 | - |
| 7/15/1991 | 55,186 | 53,517 | 501 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | 0.6 | <1 | 6.3 | - |
| 7/22/1991 | 62,150 | 60,481 | 995 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | <1 | 2.6 | - |
| 7/29/1991 | 62,150 | 60,481 | - | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | 1.2 | 19 | - |
| 8/5/1991 | 63,241 | 61,572 | 156 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | <1 | <1 | - |
| 8/12/1991 | 66,091 | 64,422 | 407 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | 2.6 | <0.5 | <1 | 12 | - |
| 8/19/1991 | 67,649 | 65,980 | 223 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | 20 | 3.3 | 2.8 | 70 | - |
| 8/26/1991 | 70,514 | 68,845 | 409 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | 1.2 | 19 | - |
| 9/9/1991 | 70,564 | 68,895 | 4 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | 270 | 10 | 13 | 69 | - |
| 9/16/1991 | 73,526 | 71,857 | 423 | System shut down due to damaged compressor pump | | | | | | - | - | - | - | - | - | - |
| 10/7/1991 | 73,526 | 71,857 | - | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | <1 | 3.8 | - |
| 10/14/1991 | 74,516 | 72,847 | 141 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | 60 | 1.1 | <1 | 23 | - |
| 10/21/1991 | 76,091 | 74,422 | 225 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | <1 | <1 | - |
| 10/28/1991 | 83,242 | 81,573 | 1,022 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | <1 | 14 | - |
| 11/3/1991 | 83,242 | 81,573 | - | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | <1 | 3.1 | - |
| 11/11/1991 | 84,351 | 82,682 | 139 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | 99 | 1.9 | <1 | 14 | - |
| 11/18/1991 | 85,647 | 83,978 | 185 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | 42 | 1 | 1 | 10 | - |
| 11/25/1991 | 89,512 | 87,843 | 552 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | <1 | 3.9 | - |
| 12/3/1991 | 93,407 | 91,738 | 487 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | <1 | 3.8 | - |
| 12/9/1991 | 96,210 | 94,541 | 467 | - | <0.5 | <0.5 | <1 | <1 | - | - | - | <0.5 | <0.5 | <1 | 3.2 | - |
| 12/16/1991 | 99,045 | 97,376 | 405 | - | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | 1.3 | <0.5 | <0.5 | 1.5 | - |
| 12/23/1991 | 102,334 | 100,665 | 470 | - | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | 1.7 | <0.5 | <0.5 | 2.4 | - |
| 12/30/1991 | 105,124 | 103,455 | 399 | - | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | 22.6 | 1.2 | 0.7 | 4.9 | - |
| 1/15/1992 | 115,691 | 114,022 | 660 | - | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | 130 | 11 | <0.5 | 50 | - |
| 2/10/1992 | 124,846 | 123,177 | 352 | - | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | 20 | 0.51 | <0.5 | 3.6 | - |
| 3/9/1992 | 149,965 | 148,296 | 897 | <200 | <0.5 | <0.5 | <0.5 | <0.5 | - | 12,000 | 2,100 | 400 | 170 | 2,100 | - | - |
| 4/13/1992 | 168,567 | 166,898 | 531 | <200 | <0.5 | <0.5 | <0.5 | <0.5 | - | 2,100 | 280 | 3.9 | <2.5 | 98 | - | - |
| 5/11/1992 | 187,170 | 185,501 | 864 | <200 | <0.5 | 0.7 | <0.5 | <0.5 | - | <200 | <0.5 | <0.5 | <0.5 | <0.5 | - | - |
| 6/8/1992 | 190,490 | 188,821 | 119 | - | <0.5 | <0.5 | <0.5 | <0.5 | - | - | 44 | 3.7 | 0.7 | 64 | - | - |
| 7/6/1992 | 197,080 | 195,411 | 235 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7/13/1992 | 197,890 | 196,221 | 116 | - | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | <0.5 | <0.5 | <0.5 | <0.5 | - |

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

| Date | Totalizer (gallons) | Total/Cum. Discharge (gallons) | Flow (gal/day) | EFFLUENT (ug/L) | | | | | | INFLUENT (ug/L) | | | | | | |
|-----------|---------------------|--------------------------------|----------------|-------------------------------------------------------------------------|------|------|------|------|------|-----------------|-------|------|------|-------|------|---|
| | | | | TPH-g | B | T | E | X | MTBE | TPH-g | B | T | E | X | MTBE | |
| 7/13/1992 | 197,890 | 196,221 | - | System shut down for repair of electrical motor | | | | | | | | | | | | |
| 8/10/1992 | 197,890 | 196,221 | - | Restart the system | | | | | | | | | | | | |
| 8/17/1992 | 201,300 | 199,631 | 487 | - | <0.5 | <0.5 | <0.5 | <0.5 | - | - | - | <0.5 | <0.5 | <0.5 | <0.5 | - |
| 9/14/1992 | 209,647 | 207,978 | 298 | - | <0.5 | <0.5 | <0.5 | <1 | - | - | - | <0.5 | <0.5 | <0.5 | <1 | - |
| 10/5/1992 | 217,360 | 215,691 | 367 | <200 | <0.5 | <0.5 | <0.5 | <1 | - | <200 | <0.5 | <0.5 | <0.5 | <1 | - | |
| 11/09/92 | 225,780 | 224,111 | 241 | - | <0.5 | <0.5 | <0.5 | <1 | - | - | 1.1 | 0.5 | <0.5 | 10 | - | |
| 12/14/92 | 243,048 | 241,379 | 493 | - | <0.5 | <0.5 | <0.5 | <1 | - | - | 720 | 46 | <10 | 1,700 | - | |
| 01/04/93 | 252,510 | 250,841 | 451 | - | <0.5 | <0.5 | <0.5 | <1 | - | - | 400 | 32 | <25 | 520 | - | |
| 02/15/93 | 266,210 | 264,541 | 326 | <200 | <0.5 | <0.5 | <0.5 | <1 | - | 9,000 | 1,400 | 330 | 260 | 1,200 | - | |
| 03/08/93 | 269,330 | 267,661 | 149 | - | <0.5 | <0.5 | <0.5 | <1 | - | - | 1,100 | 150 | 7.5 | 1,000 | - | |
| 04/26/93 | 271,290 | 269,621 | 40 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 7,200 | 1,100 | 100 | 25 | 780 | - | |
| 04/26/93 | 271,290 | 269,621 | - | System shut down to repair | | | | | | | | | | | | |
| 07/15/93 | 272,577 | 270,908 | 16 | Restart the system | | | | | | | | | | | | |
| 08/11/93 | 284,230 | 282,561 | 432 | - | <0.5 | <0.5 | <0.5 | <1 | - | - | 1.3 | <0.5 | <0.5 | 1.6 | - | |
| 09/16/93 | 298,832 | 297,163 | 406 | <60 | <0.3 | <0.3 | <0.3 | <0.6 | - | <60 | <0.3 | <0.3 | <0.3 | <0.6 | - | |
| 10/08/93 | 305,641 | 303,972 | 310 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 10/11/93 | 307,068 | 305,399 | 476 | <60 | <0.3 | <0.3 | <0.3 | <0.6 | - | <60 | <0.3 | <0.3 | <0.3 | <0.6 | - | |
| 10/15/93 | 308,495 | 306,826 | 357 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 11/12/93 | 318,203 | 316,534 | 347 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 12/10/93 | 329,947 | 328,278 | 419 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 01/13/94 | 345,860 | 344,191 | 468 | - | <0.3 | <0.3 | <0.3 | <0.5 | - | - | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 02/10/94 | 359,662 | 357,993 | 493 | - | <0.3 | <0.3 | <0.3 | <0.5 | - | - | 430 | 41 | 36 | 480 | - | |
| 02/18/94 | 618,620 | 357,993 | - | Changed air filters. The water flowmeter jumped from 359,662 to 618,620 | | | | | | | | | | | | |
| 03/10/94 | 627,540 | 366,913 | 446 | - | <0.3 | <0.3 | <0.3 | <0.5 | - | - | <0.3 | <0.3 | <0.3 | 7.7 | - | |
| 04/14/94 | 645,330 | 384,703 | 508 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | - | 1.5 | <0.3 | 0.38 | 0.73 | - | |
| 05/19/94 | 653,520 | 392,893 | 234 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 1,500 | 46 | 4.1 | 0.5 | 84 | - | |
| 06/16/94 | 664,015 | 403,388 | 375 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 12,000 | 860 | 37 | <13 | 1,600 | - | |
| 07/14/94 | 672,750 | 412,123 | 312 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 08/11/94 | 681,920 | 421,293 | 328 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 09/15/94 | 692,083 | 431,456 | 290 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 10/17/94 | 699,979 | 439,352 | 247 | <50 | <0.3 | <0.3 | <0.5 | <0.5 | - | <50 | <0.3 | <0.3 | <0.5 | <0.5 | - | |
| 11/14/94 | 712,539 | 451,912 | 449 | <50 | <0.3 | <0.3 | <0.5 | <0.5 | - | <50 | <0.3 | <0.3 | <0.5 | <0.5 | - | |
| 12/19/94 | 734,620 | 473,993 | 631 | <50 | <0.3 | <0.3 | <0.5 | <0.5 | - | <50 | <0.3 | <0.3 | <0.5 | <0.5 | - | |
| 01/10/95 | 742,072 | 481,445 | 339 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 01/16/95 | 742,074 | 481,447 | 0 | System shut down for repair of compressor pump | | | | | | | | | | | | |
| 02/06/95 | 742,074 | 481,447 | - | Restart the system | | | | | | | | | | | | |
| 02/13/95 | 744,063 | 483,436 | 284 | <50 | <0.3 | <0.3 | <0.5 | <0.5 | - | <50 | <0.3 | <0.3 | <0.5 | <0.5 | - | |
| 03/13/95 | 758,930 | 498,303 | 531 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 1,300 | <0.5 | <0.5 | <0.5 | <1 | - | |
| 04/17/95 | 768,276 | 507,649 | 267 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 6,200 | 410 | 73 | 97 | 280 | - | |
| 05/15/95 | 780,716 | 520,089 | 444 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 1,300 | 0.6 | <0.5 | <0.5 | <1 | - | |
| 06/12/95 | 784,514 | 523,887 | 136 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | <100 | <0.5 | <0.5 | <0.5 | <1 | - | |
| 07/18/95 | 794,158 | 533,531 | 268 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 1,100 | <0.5 | <0.5 | <0.5 | <1 | - | |
| 08/14/95 | 795,216 | 534,589 | 39 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 170 | <0.5 | <0.5 | <0.5 | <1 | - | |
| 09/06/95 | 797,631 | 537,004 | 105 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 1,320 | <0.5 | <0.5 | <0.5 | <1 | - | |

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

| Date | Totalizer (gallons) | Total/Cum. Discharge (gallons) | Flow (gal/day) | EFFLUENT (ug/L) | | | | | | INFLUENT (ug/L) | | | | | | |
|---------------|---------------------|--------------------------------|----------------|-----------------------------------------------------------------------|------|------|------|------|------|-----------------|------|-------|-------|--------|------|--|
| | | | | TPH-g | B | T | E | X | MTBE | TPH-g | B | T | E | X | MTBE | |
| 10/17/95 | 800,316 | 539,689 | 65 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 2,400 | 26 | 2.7 | 3.9 | 46 | - | |
| 11/20/95 | 806,264 | 545,637 | 175 | 150 | <0.3 | <0.3 | <0.3 | <0.5 | - | 450 | 0.31 | <0.3 | <0.3 | <0.5 | - | |
| 12/11/95 | 809,236 | 548,609 | 142 | 300 | <0.3 | <0.3 | <0.3 | 0.59 | - | 470 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 01/15/96 | 822,734 | 562,107 | 386 | 510 | <0.3 | <0.3 | <0.3 | <0.5 | - | 900 | 0.39 | <0.3 | <0.3 | <0.5 | - | |
| 02/19/96 | 848,213 | 587,586 | 728 | 800 | <0.3 | 0.57 | <0.3 | 0.83 | - | 1700 | 23 | 3.7 | <0.3 | 80 | - | |
| 03/19/96 | 849,587 | 588,960 | 47 | 930 | <0.3 | <0.3 | <0.3 | <0.5 | - | 1,600 | 5.5 | 1.4 | <0.3 | 94 | - | |
| 04/15/96 | 852,042 | 591,415 | 91 | 990 | <0.3 | <0.3 | <0.3 | <0.5 | - | 1,100 | 0.43 | <0.3 | <0.3 | <0.5 | - | |
| 05/13/96 | 890,214 | 629,587 | 1,363 | 840 | <0.3 | <0.3 | <0.3 | <0.5 | - | 910 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 05/13/96 | 890,214 | 629,587 | - | System shut down for carbon change | | | | | | | | | | | | |
| 06/14/96 | 890,214 | 629,587 | - | Restart the system | | | | | | | | | | | | |
| 06/18/96 | 890,818 | 630,191 | 151 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 1,000 | 92 | 8.7 | 3.4 | 55 | - | |
| 07/01/96 | 892,781 | 632,154 | 151 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 07/08/96 | 894,210 | 633,583 | 204 | System shut down due to burglary and damaged air compressor | | | | | | | | | | | | |
| 08/05/96 | 894,210 | 633,583 | - | Restart the system | | | | | | | | | | | | |
| 08/13/96 | 896,220 | 635,593 | 251 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 3,500 | 160 | 110 | 220 | 650 | - | |
| 09/23/96 | 899,410 | 638,783 | 78 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | <50 | 0.49 | <0.3 | <0.3 | <0.5 | - | |
| 10/09/96 | 899,845 | 639,218 | 27 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 730 | 1.7 | 0.42 | 2.1 | 2.5 | - | |
| 11/11/96 | 901,348 | 640,721 | 46 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 81 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 12/09/96 | 901,576 | 640,949 | 8 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 01/13/97 | 904,630 | 644,003 | 87 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 13,000 | 590 | 250 | 180 | 850 | - | |
| 02/10/97 | 912,610 | 651,983 | 285 | 82 | <0.3 | 0.38 | <0.3 | <0.5 | - | 700 | 0.92 | 0.75 | <0.3 | 4.1 | - | |
| 03/10/97 | 921,020 | 660,393 | 300 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 600 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 04/14/97 | 932,410 | 671,783 | 325 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 4,400 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 05/12/97 | 941,028 | 680,401 | 308 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 5,600 | 7.3 | 0.32 | <0.3 | 17 | - | |
| 06/23/97 | 943,183 | 682,556 | 51 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 07/07/97 | 945,821 | 685,194 | 188 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 1,500 | 3.4 | <0.3 | <0.3 | 26 | - | |
| 08/04/97 | 951,020 | 690,393 | 186 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 09/02/97 | 957,933 | 697,306 | 238 | System shut down due to stolen air compressor | | | | | | | | | | | | |
| 10/06/97 | 961,030 | 700,403 | 91 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 10/16/97 | 961,077 | 700,450 | 5 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 550 | <0.3 | <0.3 | <0.3 | <0.5 | - | |
| 11/17/97 | 970,920 | 710,293 | 308 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 12/23/97 | 986,016 | 725,389 | 419 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 01/05/98 | 991,520 | 730,893 | 423 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 01/07/98 | 992,365 | 731,738 | 423 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 65,000 | 690 | 8,400 | 3,100 | 20,000 | - | |
| 02/02/98 | 996,874 | 736,247 | 173 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 02/09/98 | | 736,247 | - | System shut down due to the UST replacement and station remodeling | | | | | | | | | | | | |
| 02/17/98 | | 736,247 | - | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 35,000 | 150 | <15 | <15 | 8,900 | - | |
| 04/13/98 | 53,000 | 736,247 | - | Replaced carbons and restarted system with new meter (53,000) | | | | | | | | | | | | |
| 4/13 - 6/1/98 | - | 736,247 | - | System was undergoing several maintenance / piping / hose replacement | | | | | | | | | | | | |
| 06/01/98 | 53,780 | 737,027 | 16 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 07/14/98 | 56,905 | 740,152 | 73 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 3,500 | 14 | 0.56 | <0.3 | 26 | - | |
| 08/13/98 | 59,426 | 742,673 | 84 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 09/11/98 | 62,356 | 745,603 | 101 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 10/15/98 | 62,714 | 745,961 | 11 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 2,200 | 21 | 4 | <0.3 | 100 | - | |

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

| Date | Totalizer (gallons) | Total/Cum. Discharge (gallons) | Flow (gal/day) | EFFLUENT (ug/L) | | | | | | INFLUENT (ug/L) | | | | | |
|---------------|------------------------|--------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-----------------|------|-------|-------|-------|--------------|
| | | | | TPH-g | B | T | E | X | MTBE | TPH-g | B | T | E | X | MTBE |
| 11/06/98 | 62,952 | 746,199 | 11 | - | - | - | - | - | - | - | - | - | - | - | - |
| 11/20/98 | - | 746,199 | - | System shut down for flowmeter replacement | | | | | | | | | | | |
| 12/01/98 | 0.0 | 746,199 | - | Restart the system with flowmeter at 000 | | | | | | | | | | | |
| 12/31/98 | 5,340.0 | 751,539 | 178 | - | - | - | - | - | - | - | - | - | - | - | - |
| 01/11/99 | 15,020.0 | 761,219 | 880 | System shut down | | | | | | | | | | | |
| 1/11 - 2/1/99 | - | 761,219 | - | System was undergoing maintenance for the compressor | | | | | | | | | | | |
| 01/20/99 | - | 761,219 | - | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 110 | 0.43 | 0.42 | <0.3 | <0.5 | 260 |
| 02/01/99 | 15,600.0 | 761,799 | 28 | Restart system | | | | | | | | | | | |
| 02/12/99 | 22,840.0 | 769,039 | 658 | - | - | - | - | - | - | - | - | - | - | - | - |
| 02/22/99 | 22,840.0 | 769,039 | - | System shut down for carbon canister replacement | | | | | | | | | | | |
| 03/26/99 | 22,840.0 | 769,039 | - | Restart the system | | | | | | | | | | | |
| 03/31/99 | 24,620.0 | 770,819 | 356 | - | - | - | - | - | - | - | - | - | - | - | - |
| 04/16/99 | 29,605.0 | 775,804 | 312 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 |
| 05/11/99 | 36,010.0 | 782,209 | 256 | - | - | - | - | - | - | - | - | - | - | - | - |
| 05/25/99 | 46,000.0 | 792,199 | 714 | System shut down due to carbon canister leaking | | | | | | | | | | | |
| 09/02/99 | 46,000.0 | 792,199 | - | Restart system | | | | | | | | | | | |
| 09/17/99 | 46,217.0 | 792,416 | 14 | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/07/99 | 46,809.0 | 793,008 | 30 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 11 | 65 | <0.3 | <0.3 | <0.3 | <0.5 | 120 |
| 10/21/99 | 47,278.0 | 793,477 | 34 | System shut down for carbon change | | | | | | | | | | | |
| 11/24/99 | 47,283.0 | 793,482 | 0 | Restart system | | | | | | | | | | | |
| 12/30/99 | 49,386.0 | 795,585 | 58 | - | - | - | - | - | - | - | - | - | - | - | - |
| 01/26/00 | 50,569.0 | 796,768 | 44 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - |
| 02/25/00 | 51,983.0 | 798,182 | 47 | - | - | - | - | - | - | - | - | - | - | - | - |
| 03/24/00 | 54,603.0 | 800,802 | 94 | - | - | - | - | - | - | - | - | - | - | - | - |
| 04/19/00 | 56,754.0 | 802,953 | 83 | <5 | <0.25 | <0.25 | <0.25 | <0.5 | - | <50 | 1.3 | <0.25 | <0.25 | <0.5 | <5 |
| 04/30/00 | 58,022.0 | 804,221 | 115 | - | - | - | - | - | - | - | - | - | - | - | - |
| 05/26/00 | 60,086.0 | 806,285 | 79 | - | - | - | - | - | - | 923 | <0.6 | 2 | 85 | 80 | *8,350/4,810 |
| 06/16/00 | 61,889.0 | 808,088 | 86 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | <5 | 3,820 | <0.3 | <0.3 | <0.3 | <0.6 | 3,740 |
| 07/26/00 | 65,987.0 | 812,186 | 102 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | <5 | <50 | <0.3 | <0.3 | <0.3 | <0.6 | <5 |
| 08/25/00 | 68,630.0 | 814,829 | 88 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/29/00 | 85,661.0 | 831,860 | 487 | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/13/00 | 96,212.0 | 842,411 | 754 | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/20/00 | 99,700.0 | 845,899 | 498 | Shut down system for QWS and replaced flowmeter starting at 000 (old meter estimated at 99,700) System restarted on 10/25/00 after QWS | | | | | | | | | | | |
| 10/25/00 | 0.0 | 845,899 | - | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 17,100 | 111 | 121 | 141 | 972 | 998 |
| 10/27/00 | 2,160 | 848,059 | 1,080 | - | - | - | - | - | - | - | - | - | - | - | - |
| 11/03/00 | 7,420 | 853,319 | 751 | - | - | - | - | - | - | - | - | - | - | - | - |
| 11/24/00 | 16,560 | 862,459 | 435 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/22/00 | 51,530 | 897,429 | 1,249 | - | - | - | - | - | - | - | - | - | - | - | - |
| 01/10/01 | 54,520 | 900,419 | 157 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 10,000 | 384 | 223 | <0.18 | 1,330 | 11,600 |
| 02/19/01 | 99,640 | 945,539 | 1,128 | - | - | - | - | - | - | - | - | - | - | - | - |
| 03/19/01 | 144,170 | 990,069 | 1,590 | - | - | - | - | - | - | - | - | - | - | - | - |
| 04/09/01 | 167,050 | 1,012,949 | 1,090 | 378 | <0.18 | <0.14 | <0.18 | <0.26 | 475 | 4,040 | 191 | 4 | 42 | 38 | 4,990 |
| 04/13/01 | 169,210 | 1,015,109 | 540 | Shut down system for replacement of carbon drums | | | | | | | | | | | |
| 04/18/01 | 169,210 | 1,015,109 | - | Restart system | | | | | | | | | | | |

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

| Date | Totalizer (gallons) | Total/Cum Discharge (gallons) | Flow (galday) | EFFLUENT (ug/L) | | | | | | INFLUENT (ug/L) | | | | | |
|----------|---------------------|-------------------------------|---------------|------------------------------------|-------|-------|-------|-------|-------|----------------------------------------------------------------------------|-------|-------|-------|-------|----------------|
| | | | | TPH-g | B | T | E | X | MTBE | TPH-g | B | T | E | X | MTBE |
| 04/23/01 | 177,140 | 1,023,039 | 1,586 | 93 | <0.18 | <0.14 | <0.18 | <0.26 | 132 | 1,400 | <0.18 | <0.14 | <0.18 | <0.26 | 3,240 |
| 05/02/01 | 186,800 | 1,032,899 | 1,073 | Shut down system for carbon change | | | | | | | | | | | |
| 05/18/01 | 186,900 | 1,032,799 | 6 | Restart system | | | | | | | | | | | |
| 05/30/01 | 209,850 | 1,046,749 | 1,163 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 3,100 | 15 | <0.14 | 1 | 2 | *8,510 / 5,780 |
| 06/25/01 | 266,720 | 1,112,619 | 2,533 | - | - | - | - | - | - | - | - | - | - | - | - |
| 07/09/01 | 278,760 | 1,124,659 | 860 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 748 | 15 | <0.14 | 2 | 2.7 | 1,440 |
| 08/13/01 | 399,700 | 1,245,599 | 3,455 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/24/01 | 451,240 | 1,297,139 | 1,227 | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/01/01 | 488,310 | 1,334,209 | 5,296 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 956 | 1.2 | <0.14 | <0.18 | <0.26 | 878 |
| 11/12/01 | 636,260 | 1,482,159 | 3,523 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/31/01 | 674,080 | 1,519,979 | 772 | - | - | - | - | - | - | - | - | - | - | - | - |
| 01/14/02 | 688,450 | 1,534,349 | 1,026 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 232 | 1 | 1 | <0.18 | <0.26 | 363 |
| 02/18/02 | 738,420 | 1,584,319 | 1,428 | - | - | - | - | - | - | - | - | - | - | - | - |
| 03/25/02 | 814,570 | 1,660,469 | 2,176 | - | - | - | - | - | - | - | - | - | - | - | - |
| 04/08/02 | 828,510 | 1,674,409 | 996 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 105 | <0.18 | <0.14 | <0.18 | <0.26 | 157 |
| 04/22/02 | 895,910 | 1,741,809 | 4,814 | - | - | - | - | - | - | - | - | - | - | - | - |
| 05/06/02 | 895,920 | 1,741,819 | 1 | System off; Restart | | | | | | | | | | | |
| 05/13/02 | 929,130 | 1,775,029 | 4,744 | - | - | - | - | - | - | - | - | - | - | - | - |
| 06/03/02 | - | 1,839,639 | - | - | <0.5 | <0.7 | <0.8 | <3.3 | - | Outlet sampling results from EBMUD (sample collected by EBMUD inspector) | | | | | |
| 06/03/02 | 993,740 | 1,839,639 | 3,077 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | Split-sample results (sample collected by us) | | | | | |
| 06/24/02 | 1,001,590 | 1,847,489 | 374 | - | - | - | - | - | - | - | - | - | - | - | - |
| 07/08/02 | - | 1,847,489 | - | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4,710 | 1 | 1.2 | <0.18 | 2 | 6,980 |
| 07/12/02 | 1,051,430 | 1,897,329 | 2,769 | - | - | - | - | - | - | - | - | - | - | - | - |
| 07/29/02 | 1,052,820 | 1,898,719 | 82 | System shut down for carbon change | | | | | | | | | | | |
| 08/16/02 | 1,052,820 | 1,898,719 | - | Restart | | | | | | | | | | | |
| 08/30/02 | 1,069,050 | 1,914,949 | 1,159 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/20/02 | - | 1,952,309 | - | - | <0.5 | <0.7 | <0.8 | <3.3 | - | Outlet sampling results from EBMUD (sample collected by EBMUD inspector) | | | | | |
| 09/20/02 | 1,106,410 | 1,952,309 | 1,779 | <50 | <0.1 | <0.15 | <0.06 | - | - | Split-sample results (sample collected by us, analysis by EPA 624 & 8015M) | | | | | |
| 09/30/02 | 1,110,180 | 1,956,079 | 377 | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/07/02 | 1,114,720 | 1,960,619 | 649 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 128 | <0.18 | <0.14 | <0.18 | <0.26 | 95 |
| 10/28/02 | 1,127,540 | 1,973,439 | 610 | - | - | - | - | - | - | - | - | - | - | - | - |
| 11/25/02 | 1,149,730 | 1,995,629 | 793 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/20/02 | 1,166,840 | 2,012,739 | 684 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/30/02 | 1,173,420 | 2,019,319 | 658 | - | - | - | - | - | - | - | - | - | - | - | - |
| 01/06/03 | 1,182,610 | 2,028,509 | 1,313 | <50 | <0.14 | 1.2 | <0.08 | 2.4 | <2.0 | 9,860 | <1.4 | 29 | 14 | 2,420 | 205 |
| 01/13/03 | 1,189,320 | 2,035,219 | 959 | Shut down for QWS | | | | | | | | | | | |
| 01/15/03 | 1,189,320 | 2,035,219 | - | Restart | | | | | | | | | | | |
| 02/24/03 | 1,223,450 | 2,069,349 | 853 | - | - | - | - | - | - | - | - | - | - | - | - |
| 03/10/03 | 1,238,640 | 2,084,539 | 1,085 | - | - | - | - | - | - | - | - | - | - | - | - |
| 03/17/03 | 1,257,710 | 2,103,609 | 2,724 | System off | | | | | | | | | | | |
| 03/28/03 | 1,257,710 | 2,103,609 | - | Restart | | | | | | | | | | | |
| 03/31/03 | 1,266,150 | 2,112,049 | 2,813 | - | - | - | - | - | - | - | - | - | - | - | - |
| 04/02/03 | 1,272,100 | 2,117,999 | 2,975 | - | - | - | - | - | - | - | - | - | - | - | - |
| 04/07/03 | 1,286,160 | 2,132,059 | 2,812 | <15 | <0.04 | 2.2 | <0.02 | <0.06 | <0.03 | 14,000 | 20 | 20 | 2.2 | 14 | 9,090 |

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co Station No 063, OAKLAND, CA

| Date | Totalizer (gallons) | Total/Cum. Discharge (gallons) | Flow (gal/day) | EFFLUENT (ug/L) | | | | | | INFLUENT (ug/L) | | | | | |
|----------|---------------------|--------------------------------|----------------|--------------------------------------------------------|-------|-------|-------|-------|-------|--------------------------------------------------------------------------|-------|-------|-------|-------|-------|
| | | | | TPH-g | B | T | E | X | MTBE | TPH-g | B | T | E | X | MTBE |
| 04/14/03 | 1,294,060 | 2,139,959 | 1,129 | System shut down for QWS | | | | | | | | | | | |
| 04/16/03 | 1,294,080 | 2,139,979 | 10 | Restart | | | | | | | | | | | |
| 04/21/03 | 1,299,660 | 2,145,559 | 1,116 | - | - | - | - | - | - | - | - | - | - | - | - |
| 04/28/03 | 1,302,140 | 2,148,039 | 354 | - | - | - | - | - | - | - | - | - | - | - | - |
| 05/05/03 | 1,302,710 | 2,148,609 | 81 | System shut down for carbon change | | | | | | | | | | | |
| 05/07/03 | 1,302,710 | 2,148,609 | - | Restart | | | | | | | | | | | |
| 05/12/03 | 1,303,230 | 2,149,129 | 104 | - | - | - | - | - | - | - | - | - | - | - | - |
| 05/19/03 | 1,318,460 | 2,164,359 | 2,176 | - | - | - | - | - | - | - | - | - | - | - | - |
| 05/30/03 | 1,321,830 | 2,167,729 | 306 | - | - | - | - | - | - | - | - | - | - | - | - |
| 06/02/03 | 1,327,490 | 2,173,389 | 1,887 | - | - | - | - | - | - | - | - | - | - | - | - |
| 06/09/03 | 1,336,370 | 2,182,269 | 1,269 | - | - | - | - | - | - | - | - | - | - | - | - |
| 06/16/03 | 1,347,480 | 2,193,379 | 1,587 | - | - | - | - | - | - | - | - | - | - | - | - |
| 06/23/03 | 1,359,690 | 2,205,589 | 1,744 | - | - | - | - | - | - | - | - | - | - | - | - |
| 07/01/03 | 1,366,090 | 2,211,989 | 800 | - | - | - | - | - | - | - | - | - | - | - | - |
| 07/07/03 | 1,369,730 | 2,215,629 | 607 | System shut down for QWS | | | | | | | | | | | |
| 07/15/03 | 1,369,730 | 2,215,629 | - | Restart | | | | | | | | | | | |
| 07/21/03 | 1,382,630 | 2,228,529 | 2,150 | <15 | <0.04 | 1.0 | <0.02 | <0.06 | <0.03 | 7,710 | <0.04 | <0.02 | <0.02 | <0.06 | 3,550 |
| 07/28/03 | 1,399,840 | 2,235,739 | 1,030 | - | - | - | - | - | - | - | - | - | - | - | - |
| 08/04/03 | 1,408,710 | 2,254,609 | 2,696 | - | - | - | - | - | - | - | - | - | - | - | - |
| 08/15/03 | 1,411,520 | 2,257,419 | 256 | System shut down for carbon change | | | | | | | | | | | |
| 08/29/03 | 1,411,560 | 2,257,459 | 3 | Restart | | | | | | | | | | | |
| 09/03/03 | 1,419,210 | 2,265,109 | 1,530 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/12/03 | 1,423,520 | 2,269,419 | 479 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/15/03 | 1,427,810 | 2,273,709 | 1,430 | - | - | - | - | - | - | - | - | - | - | - | - |
| 09/22/03 | 1,429,700 | 2,275,599 | 270 | System shut down for installation of new 24-hour timer | | | | | | | | | | | |
| 09/26/03 | 1,429,700 | 2,275,599 | - | Restart | | | | | | | | | | | |
| 09/29/03 | 1,430,560 | 2,276,459 | 287 | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/06/03 | 1,431,140 | 2,277,039 | 83 | System shut down for QWS | | | | | | | | | | | |
| 10/08/03 | 1,431,140 | 2,277,039 | - | Restart | | | | | | | | | | | |
| 10/10/03 | - | 2,278,189 | - | - | <0.50 | <0.70 | <0.80 | <3.30 | - | Outlet sampling results from EBMUD (sample collected by EBMUD inspector) | | | | | |
| 10/10/03 | 1,432,280 | 2,278,189 | 575 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 16,200 | <0.04 | 4.4 | 4.8 | 46 | 8,700 |
| 10/17/03 | 1,433,790 | 2,279,689 | 214 | - | - | - | - | - | - | - | - | - | - | - | - |
| 10/22/03 | - | 2,280,489 | - | - | <0.50 | <0.70 | <0.80 | <3.30 | - | Outlet sampling results from EBMUD (sample collected by EBMUD inspector) | | | | | |
| 10/22/03 | 1,434,590 | 2,280,489 | 160 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | Split-sample results (sample collected by us) | | | | | |
| 10/27/03 | 1,435,610 | 2,281,509 | 204 | - | - | - | - | - | - | - | - | - | - | - | - |
| 11/03/03 | 1,438,740 | 2,284,639 | 447 | - | - | - | - | - | - | - | - | - | - | - | - |
| 11/14/03 | 1,443,620 | 2,289,519 | 444 | - | - | - | - | - | - | - | - | - | - | - | - |
| 11/21/03 | 1,447,510 | 2,293,409 | 556 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/05/03 | 1,452,410 | 2,298,309 | 350 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/09/03 | 1,458,320 | 2,304,219 | 1,478 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/17/03 | 1,462,410 | 2,308,309 | 511 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/26/03 | 1,468,630 | 2,314,529 | 691 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/31/03 | 1,469,710 | 2,315,609 | 216 | - | - | - | - | - | - | - | - | - | - | - | - |
| 01/06/04 | 1,472,000 | 2,317,899 | 382 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 7,900 | 658 | 1,560 | 62 | 1,090 | 2,170 |

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

| Date | Totalizer (gallons) | Total/Cum. Discharge (gallons) | Flow (gal/day) | EFFLUENT (ug/L) | | | | | | INFLUENT (ug/L) | | | | | | |
|----------|---------------------|--------------------------------|----------------|--------------------------------------------------------|--------|--------|--------|--------|-------|--------------------------------------------------------------------------|-------|-------|-------|------|------|---|
| | | | | TPH-g | B | T | E | X | MTBE | TPH-g | B | T | E | X | MTBE | |
| 01/14/04 | 1,474,650 | 2,320,549 | 331 | System shut down for QWS; Restarted 1/15/04 | | | | | | - | - | - | - | - | - | - |
| 01/28/04 | - | 2,331,689 | - | - | < 0.50 | < 0.70 | < 0.80 | < 3.30 | - | Outlet sampling results from EBMUD (sample collected by EBMUD inspector) | | | | | | |
| 01/28/04 | 1,485,790 | 2,331,689 | 857 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | Split-sample results (sample collected by us) | | | | | | |
| 02/04/04 | 1,492,340 | 2,338,239 | 936 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 02/10/04 | 1,494,550 | 2,340,449 | 368 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 02/20/04 | 1,498,790 | 2,344,689 | 424 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 02/25/04 | 1,499,360 | 2,345,259 | 114 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 03/03/04 | 1,514,700 | 2,360,599 | 2,191 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 03/09/04 | 1,517,300 | 2,363,199 | 433 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 03/17/04 | 1,519,100 | 2,364,999 | 225 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 03/24/04 | 1,524,600 | 2,370,499 | 786 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 04/01/04 | 1,529,300 | 2,375,199 | 588 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 04/07/04 | 1,531,200 | 2,377,099 | 317 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 1,380 | 113 | 93 | 16 | 76 | 191 | |
| 04/14/04 | 1,533,000 | 2,378,899 | 257 | System shut down for QWS on 4/7; Restarted 4/14 | | | | | | - | - | - | - | - | - | |
| 04/22/04 | 1,576,400 | 2,422,299 | 5,425 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 04/28/04 | 1,623,500 | 2,469,399 | 7,850 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 05/06/04 | 1,668,920 | 2,514,819 | 5,678 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 05/13/04 | 1,691,100 | 2,536,999 | 3,169 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 05/20/04 | 1,726,500 | 2,572,399 | 5,057 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 05/28/04 | 1,748,910 | 2,594,809 | 2,801 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 06/04/04 | 1,749,320 | 2,595,219 | 59 | Found system off, for replacement of on and off switch | | | | | | - | - | - | - | - | - | |
| 06/11/04 | 1,749,320 | 2,595,219 | - | Restarted | | | | | | - | - | - | - | - | - | |
| 06/16/04 | 1,751,910 | 2,597,809 | 518 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 06/22/04 | 1,753,550 | 2,599,449 | 273 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 07/02/04 | 1,756,530 | 2,602,429 | 298 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 07/08/04 | 1,759,110 | 2,605,009 | 430 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 652 | 31 | <0.32 | <0.31 | 2.1J | 383 | |
| 07/15/04 | 1,759,260 | 2,605,159 | 21 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 07/22/04 | 1,760,630 | 2,606,529 | 196 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 07/28/04 | 1,762,810 | 2,608,709 | 363 | Shut down system for carbon change | | | | | | - | - | - | - | - | - | |
| 08/05/04 | 1,762,810 | 2,608,709 | - | Restarted | | | | | | - | - | - | - | - | - | |
| 08/12/04 | 1,765,370 | 2,611,269 | 366 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 08/20/04 | 1,767,950 | 2,613,849 | 323 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 08/27/04 | 1,771,100 | 2,616,999 | 450 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 09/03/04 | 1,773,750 | 2,619,649 | 379 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 09/07/04 | 1,777,590 | 2,623,489 | 960 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 09/10/04 | 1,778,460 | 2,624,359 | 290 | Shut down system due to operator vacation | | | | | | - | - | - | - | - | - | |
| 09/29/04 | 1,778,460 | 2,624,359 | - | Restarted | | | | | | - | - | - | - | - | - | |
| 10/06/04 | 1,779,260 | 2,625,159 | 114 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | 20 | |
| 10/12/04 | 1,782,540 | 2,628,439 | 547 | Shut down system for QWS | | | | | | - | - | - | - | - | - | |
| 10/21/04 | 1,782,680 | 2,628,579 | 16 | Restarted | | | | | | - | - | - | - | - | - | |
| 10/27/04 | 1,784,630 | 2,630,529 | 325 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 11/03/04 | 1,784,680 | 2,630,579 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 11/11/04 | 1,787,490 | 2,633,389 | 351 | - | - | - | - | - | - | - | - | - | - | - | - | |
| 11/19/04 | 1,789,350 | 2,635,249 | 233 | - | - | - | - | - | - | - | - | - | - | - | - | |

TABLE 2
GROUNDWATER REMEDIATION SYSTEM MONITORING PROGRAM
 Thrifty Oil Co. Station No 063, OAKLAND, CA

| Date | Totalizer (gallons) | Total/Cum. Discharge (gallons) | Flow (gal/day) | EFFLUENT (ug/L) | | | | | | INFLUENT (ug/L) | | | | | |
|----------|---------------------|--------------------------------|----------------|-----------------------------------------------------------|-------|-------|-------|-------|-------|-----------------|-----|-------|-------|------|-------|
| | | | | TPH-g | B | T | E | X | MTBE | TPH-g | B | T | E | X | MTBE |
| 12/01/04 | 1,789,800 | 2,635,699 | 38 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/10/04 | 1,792,780 | 2,638,679 | 331 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/15/04 | 1,795,460 | 2,641,359 | 536 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/22/04 | 1,798,000 | 2,643,899 | 363 | - | - | - | - | - | - | - | - | - | - | - | - |
| 12/29/04 | 1,800,580 | 2,646,479 | 369 | - | - | - | - | - | - | - | - | - | - | - | - |
| 01/05/05 | 1,803,140 | 2,649,039 | 366 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 291 | 9.1 | <0.32 | 1.2 J | <0.4 | 72 |
| 01/13/05 | 1,803,290 | 2,649,189 | 19 | System turned off for QWS on 1/5/05; Restarted on 1/13/05 | | | | | | | | | | | |
| 01/20/05 | 1,804,020 | 2,649,919 | 104 | Shut down system for repair and upgrade | | | | | | | | | | | |
| 04/30/05 | 1,804,020 | 2,649,919 | - | System still off pending repairs and upgrade | | | | | | | | | | | |
| 05/10/05 | 1,804,020 | 2,649,919 | - | Restarted system with MW-3 only | | | | | | | | | | | |
| 05/20/05 | 1,805,010 | 2,650,909 | 99 | Added MW-4 to the system | | | | | | | | | | | |
| 05/26/05 | 1,807,630 | 2,653,529 | 437 | - | - | - | - | - | - | - | - | - | - | - | - |
| 06/03/05 | 1,812,100 | 2,657,999 | 559 | - | - | - | - | - | - | - | - | - | - | - | - |
| 06/10/05 | 1,816,540 | 2,662,439 | 634 | - | - | - | - | - | - | - | - | - | - | - | - |
| 06/17/05 | 1,819,870 | 2,665,769 | 476 | Compressor needs repair | | | | | | | | | | | |
| 06/24/05 | 1,823,140 | 2,669,039 | 467 | Replace with new pump MW-3 | | | | | | | | | | | |
| 06/29/05 | 1,827,540 | 2,673,439 | 880 | - | - | - | - | - | - | - | - | - | - | - | - |
| 07/08/05 | 1,829,830 | 2,675,729 | 254 | - | - | - | - | - | - | - | - | - | - | - | - |
| 07/14/05 | 1,829,970 | 2,675,869 | 23 | <2.9 | <0.17 | <0.22 | <0.14 | <0.38 | - | 4,270 | 130 | 3.6 J | 348 | 188 | 2,790 |
| 07/22/05 | 1,832,760 | 2,678,659 | 349 | - | - | - | - | - | - | - | - | - | - | - | - |
| 07/26/05 | 1,833,920 | 2,679,819 | 290 | - | - | - | - | - | - | - | - | - | - | - | - |
| 08/05/05 | 1,833,970 | 2,679,869 | 5 | Restart system after QWS | | | | | | | | | | | |
| 08/09/05 | 1,836,930 | 2,682,829 | 740 | - | - | - | - | - | - | - | - | - | - | - | - |
| 08/19/05 | 1,837,560 | 2,683,459 | 63 | - | <0.10 | <0.15 | <0.06 | <0.40 | - | - | - | - | - | - | - |
| 08/25/05 | 1,837,920 | 2,683,819 | 60 | Shut down system for carbon change | | | | | | | | | | | |
| 09/01/05 | 1,837,980 | 2,683,879 | 9 | Restarted | | | | | | | | | | | |
| 09/09/05 | 1,838,530 | 2,684,429 | 69 | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | |
|--------------------------|-----------|------------|------------|------------|------------|-----------|
| WD PERMIT LIMITS: | NE | 5.0 | 5.0 | 5.0 | 5.0 | NE |
|--------------------------|-----------|------------|------------|------------|------------|-----------|

Note: < = less than laboratory detection level indicated
 - = no sample / not analyzed
 NE = Permit Limit not established
 In February 2000, the total cumulative discharge amount was corrected to reflect all system maintenance and flowmeter changeouts since the startup of the system. The total number may be different from previous versions of this table.

TPH is analyzed by EPA Method 8015 M
 BTEX is analyzed by EPA Method 602 or 8020/8021
 *MTBE 8020/8260

FIGURES

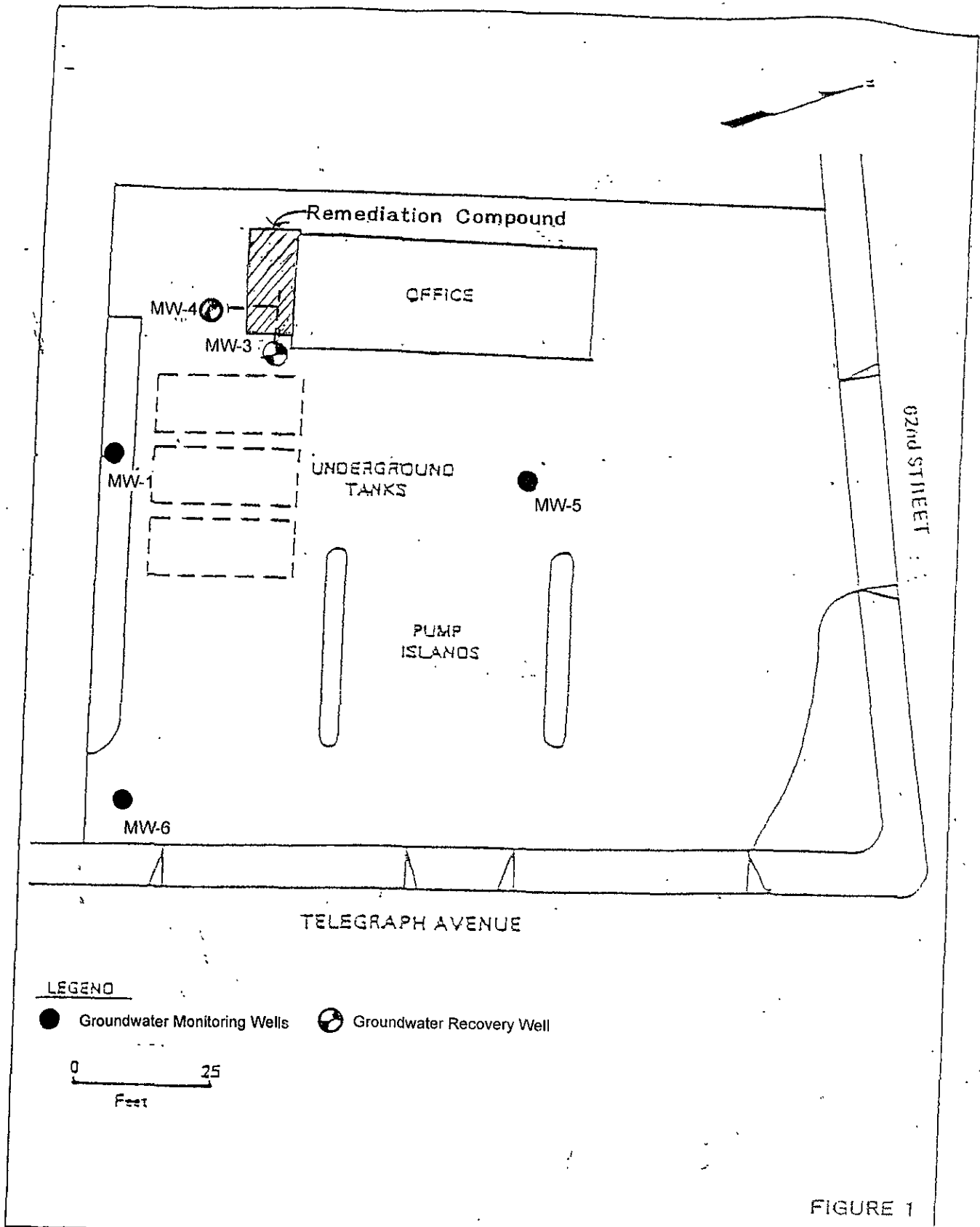


FIGURE 1

SITE PLAN AND RECOVERY SYSTEM
 THRIFTY SERVICE STATION NO. 53
 6125 TELEGRAPH AVE.
 OAKLAND, CA

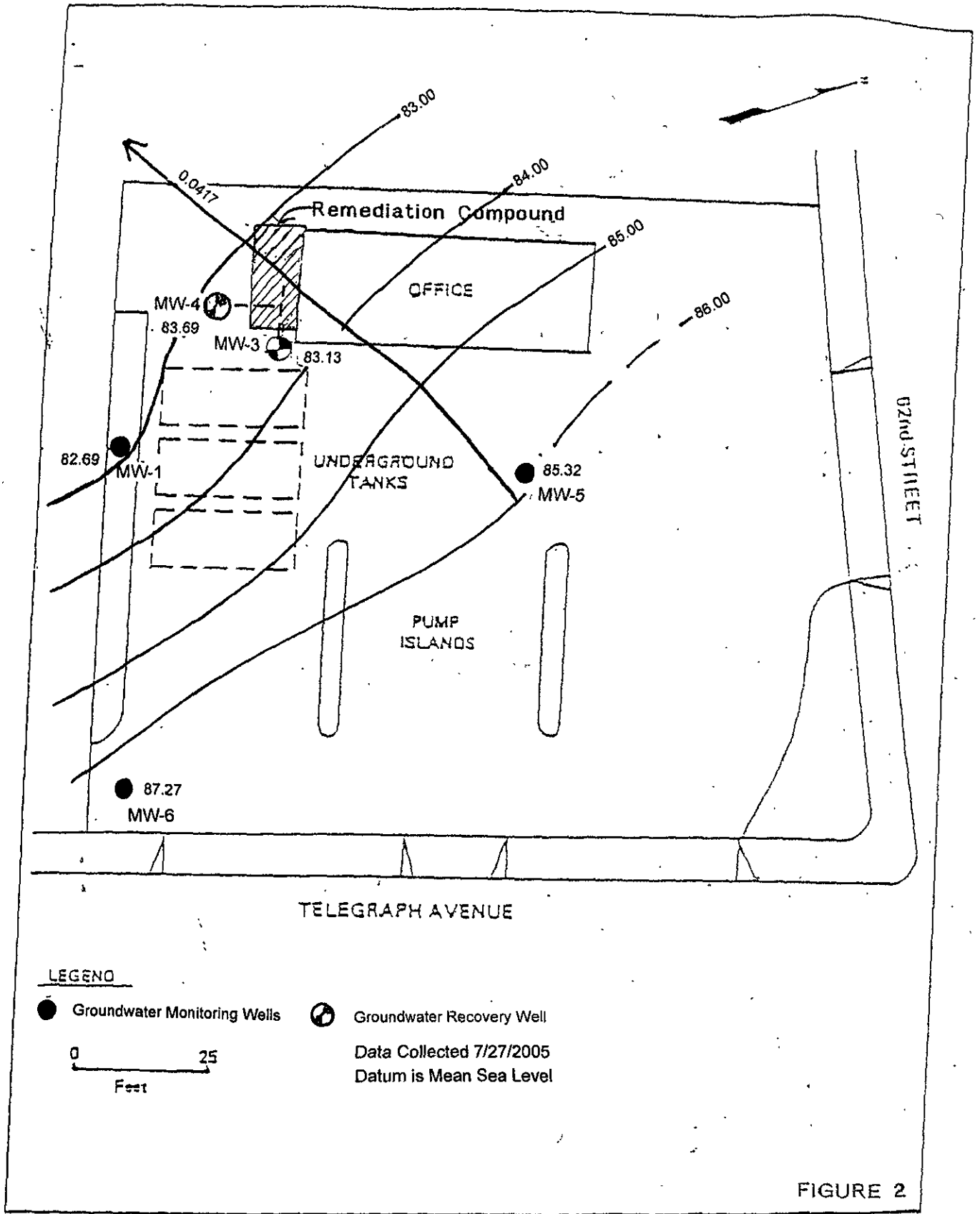


FIGURE 2

Groundwater Contour Map
 THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVE.
 OAKLAND, CA

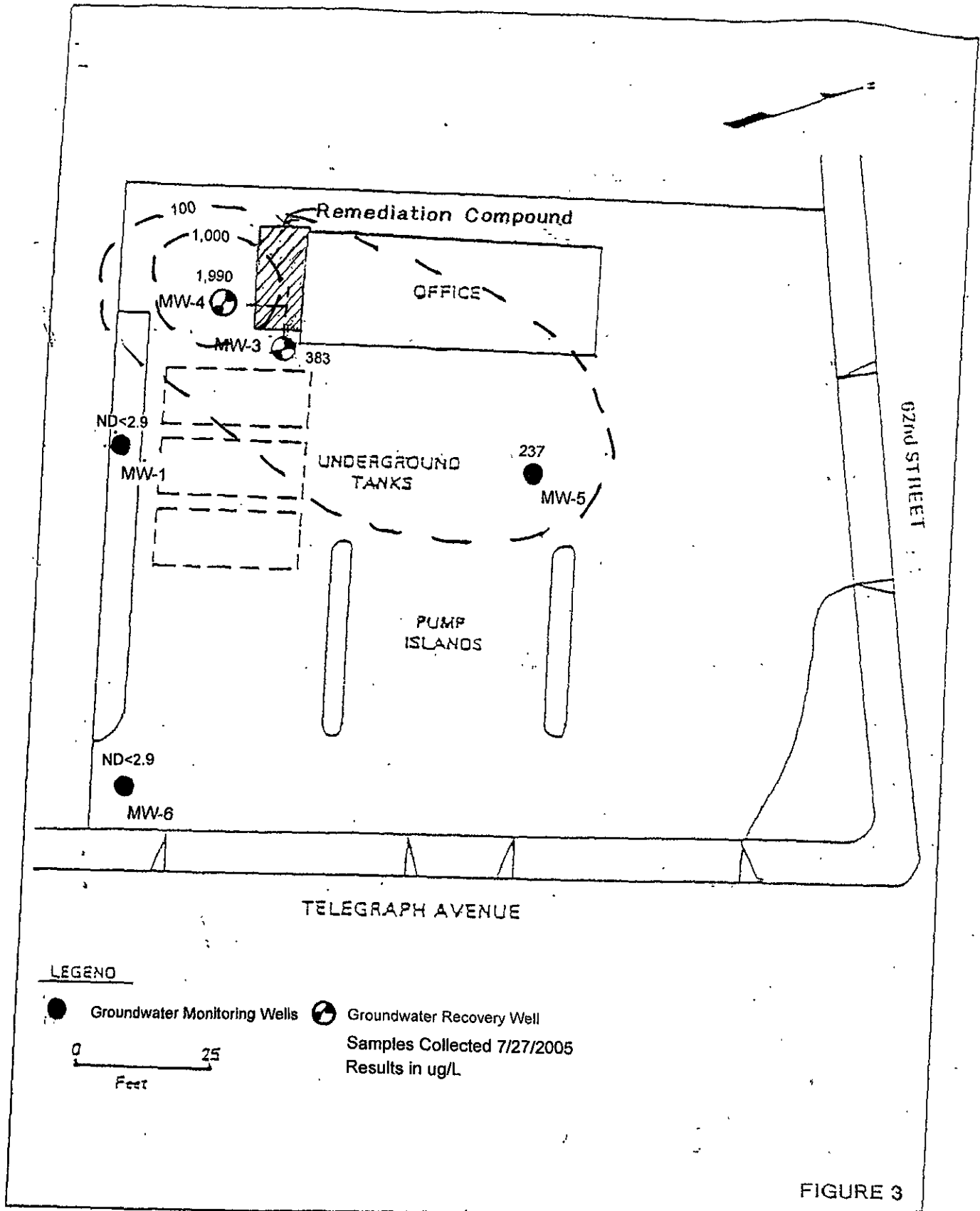


FIGURE 3

TPHg Isoconcentration Map
 THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVE.
 OAKLAND, CA

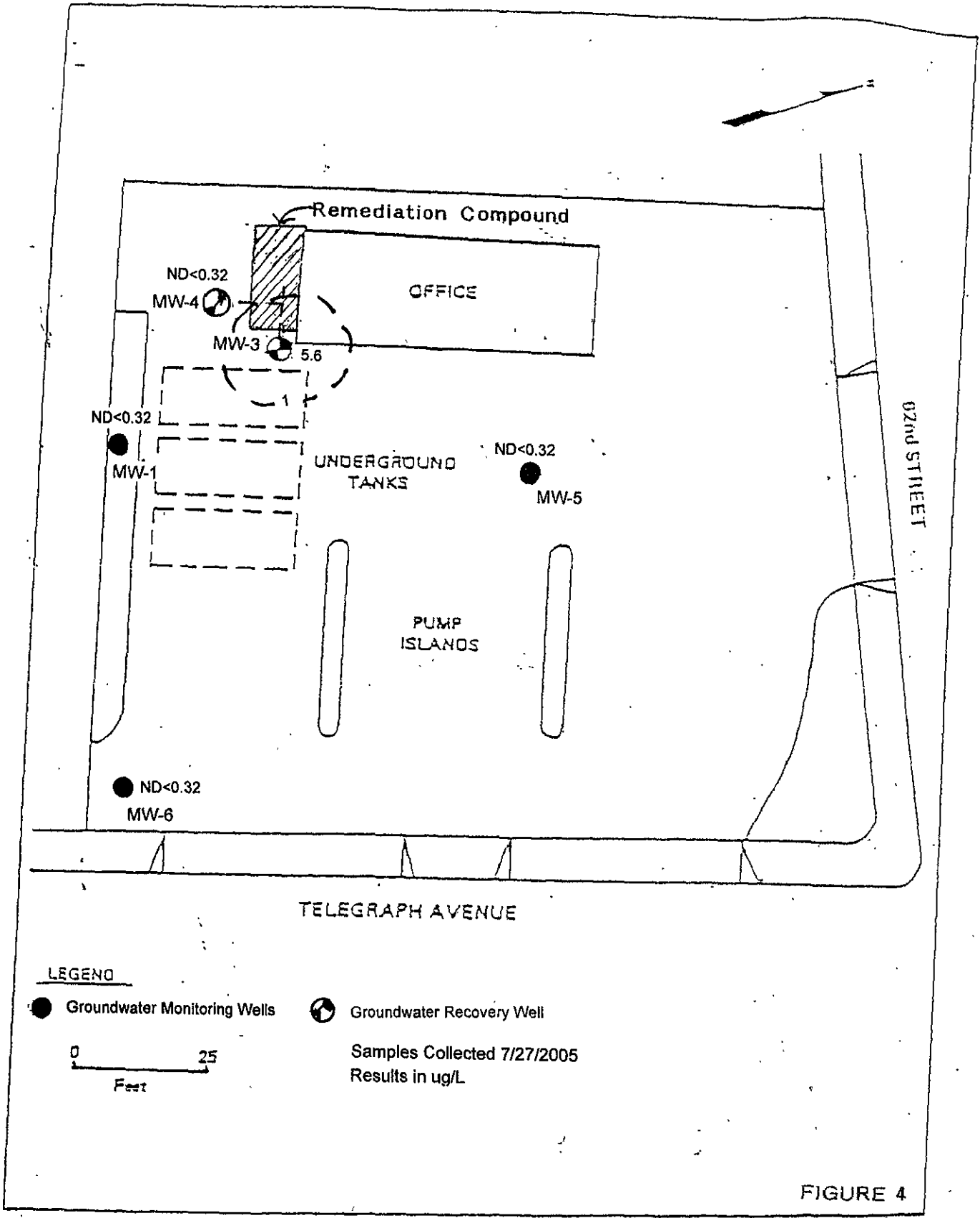


FIGURE 4

Benzene Isoconcentration Map
 THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVE.
 OAKLAND, CA

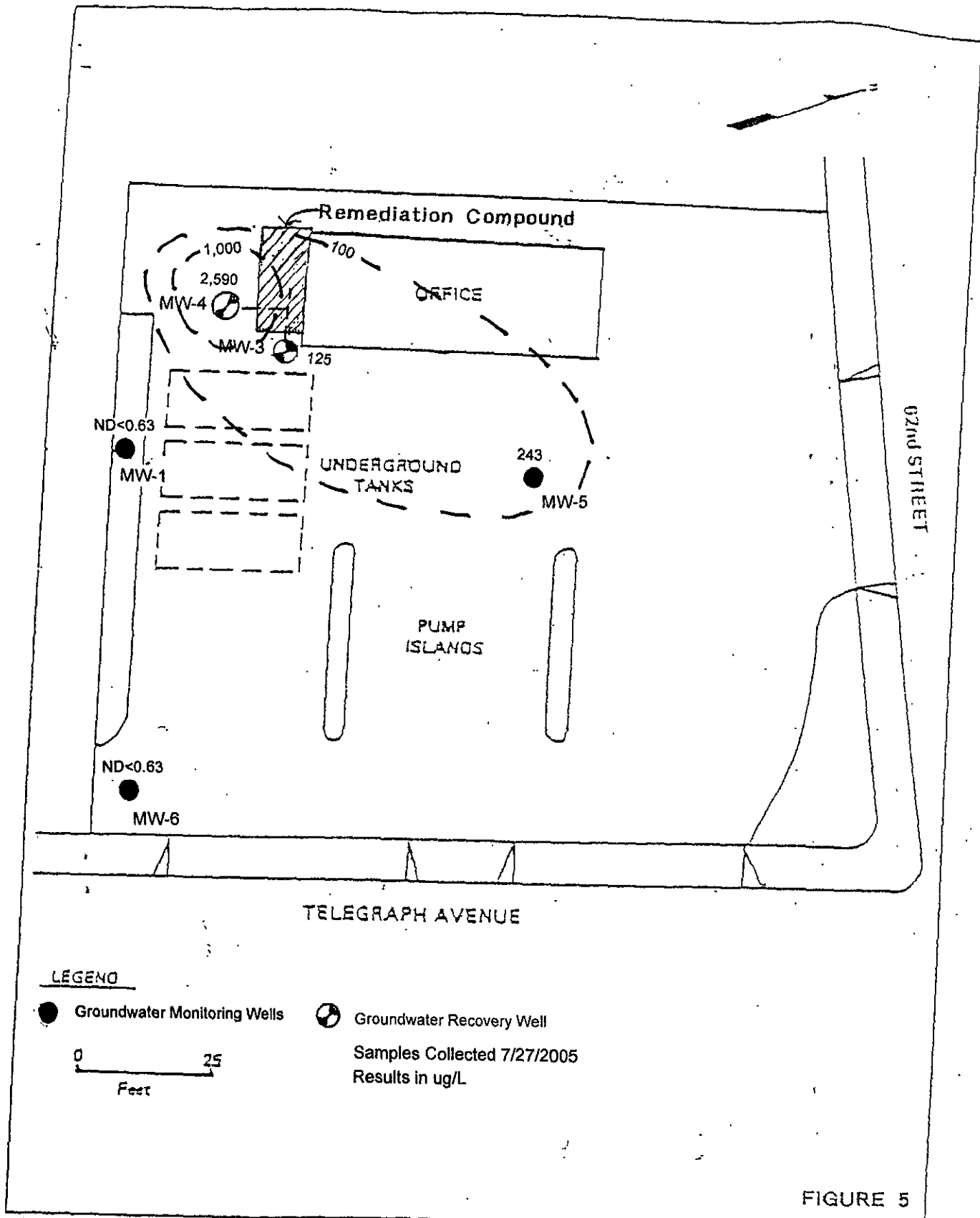


FIGURE 5

MTBE Isoconcentration Map
 THRIFTY SERVICE STATION NO. 63
 6125 TELEGRAPH AVE.
 OAKLAND, CA

APPENDIX A

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | | | |
|------------|---------|----------|-----------|
| Site: | # 063 | Date: | 07-27-05 |
| Address: | | | |
| Personnel: | SERBAOL | Weather: | SUNNY DAY |
| Well No: | MW-4 | Equip: | BAUER |

| | | | |
|------------------------|-------|--------------------|----|
| Before Purging: | | | |
| Total Well Depth (ft.) | 29.04 | Well Diameter | 2" |
| Depth to Water (ft) | 16.79 | Est. Purge Volume: | 8 |

| Sampling Data: | | | | | | |
|---------------------------|-------|-------|-------------------------|-------|-------|--|
| Initial Turbidity: | | | Final Turbidity: | | | |
| Time | 11:23 | 11:26 | 11:29 | 11:32 | 11:35 | |
| EC | 1460 | 1470 | 1450 | 1440 | 1440 | |
| pH | 6.04 | 6.01 | 5.93 | 5.91 | 5.97 | |
| Temp | 72.3 | 72.1 | 72.4 | 72.1 | 72.1 | |
| Gal. | 1 | 3 | 4 | 6 | 8 | |
| Time | | | | | | |
| EC | | | | | | |
| pH | | | | | | |
| Temp | | | | | | |
| Gal. | | | | | | |

| | |
|-----------------------------------------------|-------|
| After Purging/Before Sample Collection | |
| Depth to Water (ft.) | 20.07 |
| Total Well Depth (ft.) | 29.04 |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

Site: # 063
 Address: _____ Date: 07-27-05
 Personnel: SERBAN,
 Well No: MW-6 Weather: SUNNY DAY
 Equip: BAILER

Before Purging:
 Total Well Depth: (ft.) 26.80 Well Diameter 4"
 Depth to Water (ft) 13.17 Est. Purge Volume: 33

Sampling Data:

Initial Turbidity:

Final Turbidity:

| Time | 10:08 | 10:16 | 10:24 | 10:32 | 10:40 | | |
|------|-------|-------|-------|-------|-------|--|--|
| EC | 1420 | 1430 | 1410 | 1390 | 1370 | | |
| pH | 6.11 | 6.06 | 6.19 | 6.21 | 6.21 | | |
| Temp | 72.4 | 72.2 | 71.9 | 71.7 | 71.5 | | |
| Gal. | 6 | 13 | 19 | 26 | 33 | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

After Purging/Before Sample Collection

Depth to Water (ft.) 14.08 Total Well Depth (ft.) 26.80

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | | | |
|------------|------------|----------|-----------|
| Site: | # 063 | Date: | 07-27-05 |
| Address: | | Weather: | SUNNY DAY |
| Personnel: | SERRAVALLO | Equip: | BAILER |
| Well No: | MW-3 | | |

| | | | |
|-------------------------|-------|--------------------|----|
| Before Purging: | | | |
| Total Well Depth: (ft.) | 28.20 | Well Diameter | 6" |
| Depth to Water (ft) | 16.63 | Est. Purge Volume: | 68 |

| Sampling Data: | | | | | | | | |
|--------------------|------|------|------------------|------|------|--|--|--|
| Initial Turbidity: | | | Final Turbidity: | | | | | |
| Time | 8:22 | 8:39 | 8:56 | 9:13 | 9:30 | | | |
| EC | 1680 | 1690 | 1720 | 1710 | 1710 | | | |
| pH | 5.93 | 5.91 | 6.03 | 6.11 | 6.18 | | | |
| Temp | 73.4 | 73.2 | 73.2 | 71.9 | 71.7 | | | |
| Gal. | 13 | 27 | 40 | 54 | 68 | | | |
| Time | | | | | | | | |
| EC | | | | | | | | |
| pH | | | | | | | | |
| Temp | | | | | | | | |
| Gal. | | | | | | | | |

| | | | |
|-----------------------------------------------|-------|-----------------------|-------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | 20.17 | Total Well Depth(ft). | 28.20 |

APPENDIX B



ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Thrifty Oil Company (8871)
ATTN: Jeff Suryakusuma
13116 Imperial Hwy.
P.O. Box 2128
Santa Fe Springs, CA 90670

LAB REQUEST 154365 ✓

REPORTED 08/04/2005

RECEIVED 07/29/2005

PROJECT Station #063
6125 Telegraph Ave., Oakland

SUBMITTER Client

COMMENTS Global ID #T0600101366

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

| <u>Order No.</u> | <u>Client Sample Identification</u> |
|------------------|-------------------------------------|
| 639817 | TOC #063 MW-3 |
| 639818 | TOC #063 MW-1 |
| 639819 | TOC #063 MW-6 |
| 639820 | TOC #063 MW-5 |
| 639821 | TOC #063 MW-4 |
| 639822 | Trip Blank |
| 639823 | Laboratory Method Blank |

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behar, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 639817

Client Sample ID TOC #063 MW-3

Matrix: WATER

Date Sampled: 07/27/2005 Time Sampled: 11:40

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------------------|--------|----|-----|------|--------------|-----------------------|
| 8015M Ethanol / Methanol by GC-FID | | | | | | |
| Ethanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |
| Methanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |
| 8260B BTEX/MTBE Only | | | | | | |
| Benzene | 5.6 | 1 | 1 | 0.32 | ug/L | 08/02/05 LB |
| Ethyl benzene | 17 | 1 | 5 | 0.24 | ug/L | 08/02/05 LB |
| Ethyl-tertbuylether (ETBE) | ND | 1 | 1 | 0.17 | ug/L | 08/02/05 LB |
| Isopropyl ether (DIPE) | ND | 1 | 1 | 0.29 | ug/L | 08/02/05 LB |
| Methyl-tert-butylether (MTBE) | 125 | 1 | 1 | 0.63 | ug/L | 08/02/05 LB |
| Tert-amylmethylether (TAME) | ND | 1 | 1 | 0.28 | ug/L | 08/02/05 LB |
| Tertiary butyl alcohol (TBA) | 24 | 1 | 10 | 10 | ug/L | 08/02/05 LB |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 08/02/05 LB |
| Xylenes, total | 2.4 J | 1 | 5 | 0.3 | ug/L | 08/02/05 LB |
| Surrogates | | | | | | |
| | | | | | Units | Control Limits |
| Surr1 - Dibromofluoromethane | 100 | | | | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 113 | | | | % | 70 - 130 |
| Surr3 - Toluene-d8 | 98 | | | | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 113 | | | | % | 70 - 130 |
| 8015B - Gasoline | | | | | | |
| Gasoline | 383 | 1 | 50 | 2.9 | ug/L | 08/01/05 HY |
| Surrogates | | | | | | |
| | | | | | Units | Control Limits |
| a,a,a-Trifluorotoluene | 106 | | | | % | 55 - 200 |

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=Trace



Order #: 639818

Client Sample ID TOC #063 MW-1

Matrix: WATER

Date Sampled: 07/27/2005 Time Sampled: 12:00

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|---------|--------|----|-----|-----|-------|--------------|
|---------|--------|----|-----|-----|-------|--------------|

8015M Ethanol / Methanol by GC-FID

| | | | | | | |
|----------|----|---|----|----|------|-------------|
| Ethanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |
| Methanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |

8260B BTEX/MTBE Only

| | | | | | | |
|-------------------------------|----|---|----|------|------|-------------|
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 08/02/05 LB |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 08/02/05 LB |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 1 | 0.17 | ug/L | 08/02/05 LB |
| Isopropyl ether (DIPE) | ND | 1 | 1 | 0.29 | ug/L | 08/02/05 LB |
| Methyl-tert-butylether (MTBE) | ND | 1 | 1 | 0.63 | ug/L | 08/02/05 LB |
| Tert-amylmethylether (TAME) | ND | 1 | 1 | 0.28 | ug/L | 08/02/05 LB |
| Tertiary butyl alcohol (TBA) | ND | 1 | 10 | 10 | ug/L | 08/02/05 LB |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 08/02/05 LB |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 08/02/05 LB |

Surrogates

| | | | | Units | Control Limits |
|-------------------------------|-----|--|--|-------|----------------|
| Surr1 - Dibromofluoromethane | 99 | | | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 104 | | | % | 70 - 130 |
| Surr3 - Toluene-d8 | 99 | | | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 108 | | | % | 70 - 130 |

8015B - Gasoline

| | | | | | | |
|----------|----|---|----|-----|------|-------------|
| Gasoline | ND | 1 | 50 | 2.9 | ug/L | 08/01/05 HY |
|----------|----|---|----|-----|------|-------------|

Surrogates

| | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 75 | | | % | 55 - 200 |

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=Trace



Order #: 639819

Client Sample ID. TOC #063 MW-6

Matrix: WATER

Date Sampled: 07/27/2005 Time Sampled: 12:45

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------------------|--------|----|-----|--------------|-----------------------|--------------|
| 8015M Ethanol / Methanol by GC-FID | | | | | | |
| Ethanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |
| Methanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |
| 8260B BTEX/MTBE Only | | | | | | |
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 08/02/05 LB |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 08/02/05 LB |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 1 | 0.17 | ug/L | 08/02/05 LB |
| Isopropyl ether (DIPE) | ND | 1 | 1 | 0.29 | ug/L | 08/02/05 LB |
| Methyl-tert-butylether (MTBE) | ND | 1 | 1 | 0.63 | ug/L | 08/02/05 LB |
| Tert-amylmethylether (TAME) | ND | 1 | 1 | 0.28 | ug/L | 08/02/05 LB |
| Tertiary butyl alcohol (TBA) | ND | 1 | 10 | 10 | ug/L | 08/02/05 LB |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 08/02/05 LB |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 08/02/05 LB |
| Surrogates | | | | Units | Control Limits | |
| Surr1 - Dibromofluoromethane | 96 | | | % | 70 - 130 | |
| Surr2 - 1,2-Dichloroethane-d4 | 100 | | | % | 70 - 130 | |
| Surr3 - Toluene-d8 | 95 | | | % | 70 - 130 | |
| Surr4 - p-Bromofluorobenzene | 110 | | | % | 70 - 130 | |
| 8015B - Gasoline | | | | | | |
| Gasoline | ND | 1 | 50 | 2.9 | ug/L | 08/01/05 HY |
| Surrogates | | | | Units | Control Limits | |
| a,a,a-Trifluorotoluene | 79 | | | % | 55 - 200 | |

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=Trace



Order #: 639820

Client Sample ID TOC #063 MW-5

Matrix: WATER

Date Sampled: 07/27/2005 Time Sampled: 13:25

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|---------|--------|----|-----|-----|-------|--------------|
|---------|--------|----|-----|-----|-------|--------------|

8015M Ethanol / Methanol by GC-FID

| | | | | | | |
|----------|----|---|----|----|------|-------------|
| Ethanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |
| Methanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |

8260B BTEX/MTBE Only

| | | | | | | |
|-------------------------------|-----|---|----|------|------|-------------|
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 08/02/05 LB |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 08/02/05 LB |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 1 | 0.17 | ug/L | 08/02/05 LB |
| Isopropyl ether (DIPE) | ND | 1 | 1 | 0.29 | ug/L | 08/02/05 LB |
| Methyl-tert-butylether (MTBE) | 243 | 1 | 1 | 0.63 | ug/L | 08/02/05 LB |
| Tert-amylmethylether (TAME) | ND | 1 | 1 | 0.28 | ug/L | 08/02/05 LB |
| Tertiary butyl alcohol (TBA) | ND | 1 | 10 | 10 | ug/L | 08/02/05 LB |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 08/02/05 LB |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 08/02/05 LB |

Surrogates

| | | | | Units | Control Limits |
|-------------------------------|-----|--|--|-------|----------------|
| Surr1 - Dibromofluoromethane | 105 | | | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 105 | | | % | 70 - 130 |
| Surr3 - Toluene-d8 | 97 | | | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 112 | | | % | 70 - 130 |

8015B - Gasoline

| | | | | | | |
|----------|-----|---|----|-----|------|-------------|
| Gasoline | 237 | 1 | 50 | 2.9 | ug/L | 08/01/05 HY |
|----------|-----|---|----|-----|------|-------------|

Surrogates

| | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 81 | | | % | 55 - 200 |

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=Trace



Order #: 639821

Client Sample ID TOC #063 MW-4

Matrix: WATER

Date Sampled: 07/27/2005 Time Sampled: 13:40

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------------------|--------|----|------|------|--------------|-----------------------|
| 8015M Ethanol / Methanol by GC-FID | | | | | | |
| Ethanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |
| Methanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |
| 8260B BTEX/MTBE Only | | | | | | |
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 08/02/05 LB |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 08/02/05 LB |
| Ethyl-tertbutylether (ETBE) | ND | 1 | 1 | 0.17 | ug/L | 08/02/05 LB |
| Isopropyl ether (DIPE) | ND | 1 | 1 | 0.29 | ug/L | 08/02/05 LB |
| Methyl-tert-butylether (MTBE) | 2590 | 10 | 10.0 | 0.63 | ug/L | 08/02/05 LB |
| Tert-amylmethylether (TAME) | 11 | 1 | 1 | 0.28 | ug/L | 08/02/05 LB |
| Tertiary butyl alcohol (TBA) | ND | 1 | 10 | 10 | ug/L | 08/02/05 LB |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 08/02/05 LB |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 08/02/05 LB |
| Surrogates | | | | | Units | Control Limits |
| Surr1 - Dibromofluoromethane | 99 | | | | % | 70 - 130 |
| Surr2 - 1,2-Dichloroethane-d4 | 98 | | | | % | 70 - 130 |
| Surr3 - Toluene-d8 | 100 | | | | % | 70 - 130 |
| Surr4 - p-Bromofluorobenzene | 104 | | | | % | 70 - 130 |
| 8015B - Gasoline | | | | | | |
| Gasoline | 1990 | 1 | 50 | 2.9 | ug/L | 08/01/05 HY |
| Surrogates | | | | | Units | Control Limits |
| a,a,a-Trifluorotoluene | 89 | | | | % | 55 - 200 |

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=Trace



Order #: 639822

Client Sample ID Trip Blank

Matrix: WATER

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|--------------------------|--------|----|-----|------|-------|--------------|
| 8021B BTEX + MTBE | | | | | | |
| Benzene | 1.2 | 1 | 0.3 | 0.17 | ug/L | 08/01/05 HY |
| Ethyl benzene | ND | 1 | 0.3 | 0.14 | ug/L | 08/01/05 HY |
| Toluene | 2.9 | 1 | 0.3 | 0.22 | ug/L | 08/01/05 HY |
| Xylene (total) | 3.2 | 1 | 0.6 | 0.38 | ug/L | 08/01/05 HY |
| 8015B - Gasoline | | | | | | |
| Gasoline | ND | 1 | 50 | 2.9 | ug/L | 08/01/05 HY |
| Surrogates | | | | | | |
| a,a,a-Trifluorotoluene | 75 | | | | % | 55 - 200 |

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=Trace



Order #: 639823

Client Sample ID Laboratory Method Blank

Matrix: WATER

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------------------|--------|----|-----|--------------|-----------------------|--------------|
| 8015M Ethanol / Methanol by GC-FID | | | | | | |
| Ethanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |
| Methanol | ND | 1 | 50 | 20 | mg/L | 08/03/05 QN |
| 8260B BTEX/MTBE Only | | | | | | |
| Benzene | ND | 1 | 1 | 0.32 | ug/L | 08/02/05 LB |
| Ethyl benzene | ND | 1 | 5 | 0.24 | ug/L | 08/02/05 LB |
| Ethyl-tertbuylether (ETBE) | ND | 1 | 1 | 0.17 | ug/L | 08/02/05 LB |
| Isopropyl ether (DIPE) | ND | 1 | 1 | 0.29 | ug/L | 08/02/05 LB |
| Methyl-tert-butylether (MTBE) | ND | 1 | 1 | 0.63 | ug/L | 08/02/05 LB |
| Tert-amylmethylether (TAME) | ND | 1 | 1 | 0.28 | ug/L | 08/02/05 LB |
| Tertiary butyl alcohol (TBA) | ND | 1 | 10 | 10 | ug/L | 08/02/05 LB |
| Toluene | ND | 1 | 5 | 0.10 | ug/L | 08/02/05 LB |
| Xylenes, total | ND | 1 | 5 | 0.3 | ug/L | 08/02/05 LB |
| Surrogates | | | | Units | Control Limits | |
| Surr1 - Dibromofluoromethane | 104 | | | % | 70 - 130 | |
| Surr2 - 1,2-Dichloroethane-d4 | 105 | | | % | 70 - 130 | |
| Surr3 - Toluene-d8 | 98 | | | % | 70 - 130 | |
| Surr4 - p-Bromofluorobenzene | 104 | | | % | 70 - 130 | |
| 8015B - Gasoline | | | | | | |
| Gasoline | ND | 1 | 50 | 2.9 | ug/L | 08/01/05 HY |
| Surrogates | | | | Units | Control Limits | |
| a,a,a-Trifluorotoluene | 70 | | | % | 55 - 200 | |

PQL = Practical Quantitation Limit, MDL = Method detection limit, DF = Dilution Factor
 ND = Not detected below indicated MDL, J=Trace



Associated Laboratories

QA / QC EPA Methods 8260, 624, & 524.2 - GCMS # 4

Sample ID: MS/MSD-water sample 154390-909
Date Analyzed: August 1, 2005 9:40pm
Sample Matrix: water
Units: µg/L

Applies to LR: 154300, 154414, 154390, 154420, 154365, 154479

| Compound | Sample Conc. | Spike Added | Spike Res | Dup Res | Spike % Rec | Dup % Rec | RPD | QC RPD | Limits % Rec |
|--------------------|--------------|-------------|-----------|---------|-------------|-----------|-----|--------|--------------|
| 1,1-Dichloroethene | 0.00 | 50.0 | 46.58 | 48.01 | 93 | 96 | 3 | 22 | 59 - 172 |
| MTBE | 0.00 | 50.0 | 52.51 | 52.18 | 105 | 104 | 1 | 24 | 62 - 137 |
| Benzene | 0.00 | 50.0 | 51.99 | 54.84 | 104 | 110 | 5 | 24 | 62 - 137 |
| Trichloroethene | 1.75 | 50.0 | 51.23 | 49.53 | 99 | 96 | 4 | 21 | 66 - 142 |
| Toluene | 0.00 | 50.0 | 52.04 | 50.52 | 104 | 101 | 3 | 21 | 59 - 139 |
| Chlorobenzene | 0.00 | 50.0 | 50.64 | 49.36 | 101 | 99 | 3 | 21 | 60 - 133 |

Sample ID: LCS - water
Date Analyzed: August 1, 2005 1:53pm
Sample Matrix: water
Units: µg/L

| Compound | Sample Conc. | Spike Added | Spike Res | Spike % Rec | QC RPD | Limits % Rec |
|--------------------|--------------|-------------|-----------|-------------|--------|--------------|
| 1,1-Dichloroethene | 0.00 | 50.0 | 46.67 | 93 | 22 | 59 - 172 |
| MTBE | 0.00 | 50.0 | 46.09 | 92 | 24 | 62 - 137 |
| Benzene | 0.00 | 50.0 | 51.03 | 102 | 24 | 62 - 137 |
| Trichloroethene | 0.00 | 50.0 | 51.12 | 102 | 21 | 66 - 142 |
| Toluene | 0.00 | 50.0 | 52.14 | 104 | 21 | 59 - 139 |
| Chlorobenzene | 0.00 | 50.0 | 50.88 | 102 | 21 | 60 - 133 |

Surrogate Recovery GCMS # 4

| Compound | MB1 | MB2 | MS | MSD | LCS | Limits % Rec |
|-----------------------|-----|-----|-----|-----|-----|--------------|
| Dibromofluoromethane | 97 | 104 | 103 | 102 | 100 | 70-135 |
| 1,2-Dichloroethane-d4 | 98 | 105 | 104 | 102 | 97 | 70-135 |
| Toluene-d8 | 98 | 98 | 99 | 98 | 99 | 70-135 |
| o-Bromofluorobenzene | 116 | 104 | 101 | 102 | 103 | 70-135 |

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: LCS/LCSD
 Matrix: WATER
 Prep. Date: August 1, 2005
 Analysis Date: August 1- 2, 2005
 LAB ID#'s in Batch: LR 154365, 154411

REPORTING UNITS = ug/L

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

| Test | Method | Sample Result | Spike Added | Matrix LCS | Matrix LCSD | %Rec LCS | %Rec LCSD | RPD |
|--------------|--------|---------------|-------------|------------|-------------|----------|-----------|-----|
| Benzene | 8021 | ND | 20 | 21.8 | 21.3 | 109 | 107 | 2 |
| Toluene | 8021 | ND | 20 | 21.7 | 20.6 | 109 | 103 | 5 |
| Ethylbenzene | 8021 | ND | 20 | 20.6 | 19.6 | 103 | 98 | 5 |
| Xylenes | 8021 | ND | 60 | 63.4 | 60.3 | 106 | 101 | 5 |

ND = Not Detected

RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD

%REC-LCS & LCSD = Percent Recovery of LCS & LCSD

| |
|------------------------|
| %REC LIMITS = 70 - 130 |
| RPD LIMITS = 30 |

SURROGATE RECOVERY

| Sample No. | AAA-TFT |
|--------------|---------|
| QC Limit | 55-200 |
| Method Blank | 70 |
| LCS | 91 |
| LCSD | 85 |

AAA-TFT = a,a,a-Trifluorotoluene

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: LCS / LCSD
 Matrix: WATER
 Prep. Date: 08/03/05
 Analysis Date: 08/03/05
 ID#'s in Batch: LR 154365

LAB CONTROL SPIKE / LAB CONTROL SPIKE DUPLICATE RESULT

Reporting Units = mg/L

| Test | Method | Blank Result | Spike Added | LCS Spike | LCSD Spike Dup | %Rec LCS | %Rec LCSD | % RPD |
|----------|--------|--------------|-------------|-----------|----------------|----------|-----------|-------|
| Methanol | D285 | ND | 100 | 98.3 | 96.3 | 98 | 96 | 2 |
| Ethanol | D285 | ND | 100 | 100.0 | 96.3 | 100 | 96 | 4 |

RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate
%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate

| |
|--------------------------------------------|
| % REC LIMITS = 70 - 130 RPD LIMITS = 25 |
|--------------------------------------------|

Method Blank - All ND

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: LCS/LCSD
 Matrix: WATER
 Prep. Date: August 1, 2005
 Analysis Date: August 1- 2, 2005
 ID#'s in Batch: LR 154365, 154411, 154375, 154414, 154416

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = mg/L

| Test | Method | Method Blank | Spike Added | LCS Spike | LCSD Spk. Dup | %Rec LCS | %Rec LCSD | RPD |
|------|---------|--------------|-------------|-----------|---------------|----------|-----------|-----|
| TPH | 8015M-G | ND | 500 | 456 | 462 | 91 | 92 | 1 |

ND = Not Detected

LCS Result = Lab Control Sample Result

%REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate

RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

| |
|------------------------|
| %REC LIMITS = 70 - 130 |
| RPD LIMITS = 30 |

SURROGATE RECOVERY

| Sample No. | AAA-TFT |
|--------------|---------|
| QC Limit | 55-200 |
| Method Blank | 70 |
| LCS | 148 |
| LCSD | 149 |

AAA-TFT = a,a,a-Trifluorotoluene



ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868-1225 - 714/771-6900 FAX 714/538-1209

Cooler Receipt Form

Client: Thrijly oil Project: TOC 063

Date Cooler Received: 7-29 Date Cooler Opened: 7-29-05

Was cooler scanned for presence of radioactivity? Yes/No
If yes was radioactivity results above 25 cpm? Yes/No

Was a shipper's packing slip attached to the cooler? Yes/No

If the cooler had custody seal(s), were they signed and intact? Yes/No/Na

Was the cooler packed with: Ice Ice Packs _____ Bubble wrap _____
Styrofoam _____ Paper _____ None _____ Other _____

Cooler Temperature: 2.5°C *
*cooler needs to be received @ 4°C with an acceptable range of 2°- 6 °C

If samples were hand delivered do they meet the temp. criteria, which should be @ 4°C with an acceptable range of 2°- 6 °C? Yes/No

If no explain: _____

Were all samples sealed in plastic bags? Yes/No

Did all samples arrive intact? If no, indicate below. Yes/No

Were all samples labeled correctly? (ID's Dates, Times) If no, indicate below. Yes/No

Can the tests required be ran with the provided containers, If no indicate below. Yes/No

Was sufficient sample volume sent for all containers? Yes/No

Were any VOA vials received with head space? Yes/No/Na

Was the correct preservatives used? Yes/No/Na
If no, see the pH log for a list of samples containers regarding pH.

Any other important information: _____

Receiving Department: pv Date: 7/29

Chain of Custody Record

ASSOCIATED LABORATORIES

806 North Batavia • Orange, CA 92868

Phone: (714) 771-6900 • Fax: (714) 538-1209



154365

| | | | |
|--------------------------------------------------------------------------|--------------------------------|------------------------------|---------------------------|
| Company THRIFTY OIL CO. | Phone (562) 921-3581 | A.L. Job No. | Page 1 of 1 |
| Project Manager JEFF SURYAKUSUMA | Fax (562) 921-7510 | Analysis Requested | |
| Project Name Q. W. S. | Project # 063 | Test Instructions & Comments | |
| Site Name and Address 6125 TELEGRAPH AVE OAKLAND, CA 94609 | | T060010366 | |

| Sample ID | Lab ID | Date | Time | Matrix | Container Number/Size | Pres. | TAPM (2015M) | BTEX (2021A) | OXYGENATED | | | | | | | | | |
|-----------|------------|----------|-------|------------------|-----------------------|-------|--------------|--------------|------------|--|--|--|--|--|--|--|--|--------------------|
| 1 | MW-3 | 07-27-05 | 11:40 | H ₂ O | 3-VOA | HCL | X | X | X | | | | | | | | | X |
| 2 | MW-1 | | 12:00 | | | | X | X | X | | | | | | | | | |
| 3 | MW-6 | | 12:45 | | | | X | X | X | | | | | | | | | |
| 4 | MW-5 | | 13:25 | | | | X | X | X | | | | | | | | | |
| 5 | MW-4 | | 13:40 | | | | X | X | X | | | | | | | | | |
| 6 | TRIP BLANK | | 00:20 | | 2-VOA | | X | X | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | 1-METHANOL |
| 9 | | | | | | | | | | | | | | | | | | 2-TERTIARY BUTANOL |
| 10 | | | | | | | | | | | | | | | | | | 3-ETHANOL |
| 11 | | | | | | | | | | | | | | | | | | 4-MTBE |
| 12 | | | | | | | | | | | | | | | | | | 5-DIPE |
| 13 | | | | | | | | | | | | | | | | | | 6-ETBE |
| 14 | | | | | | | | | | | | | | | | | | 7-TAME |
| 15 | | | | | | | | | | | | | | | | | | |

| | | | | | | |
|----------------------------------------------------|-------------------------------|-----------------------------------|----------------------------------|-----------------------------------------|----------------------------------|--------------------|
| Sample Receipt - To Be Filled By Laboratory | | | | Relinquished by Sampler: EMC. 1. | Relinquished by G.S.O. 2. | Relinquished by 3. |
| Total Number of Containers | 17 | Properly Cooled Y/N/NA | | Signature: <i>[Signature]</i> | Signature: | Signature: |
| Custody Seals Y/N/NA | | Samples Intact Y/N/NA | | Printed Name: SURYAKUSUMA | Printed Name: | Printed Name: |
| Received in Good Condition Y/N | | Samples Accepted Y/N | | Date: Time: 17:00 | Date: Time: | Date: Time: |
| Turn Around Time | | | | Received By: G.S.O. 1. | Received By: 2. | Received By: 3. |
| <input checked="" type="checkbox"/> Normal | <input type="checkbox"/> Rush | <input type="checkbox"/> Same Day | <input type="checkbox"/> 48 hrs. | Signature: <i>[Signature]</i> | Signature: <i>[Signature]</i> | Signature: |
| | | <input type="checkbox"/> 24 hrs. | <input type="checkbox"/> 72 hrs. | Printed Name: [Name] | Printed Name: [Name] | Printed Name: |
| | | | | Date: Time: 7/29/05 10:30 | Date: Time: | Date: Time: |

7-25-05 2:45

APPENDIX C

063

THRIFTY OIL CO. SERVICE STATION #063

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN D.

DATE OF INSPECTION: 07-02-05

OBSERVATIONS AND COMMENTS: CHANGE OIL, DRINK COMPRESSOR TANK,
CHECK PUMP IN MW-3, CHECK PIPE AND HOSES FOR
LEAK, ADJUST FILTER REGULATOR FOR MW-3 AND
MW-4,

FLOW METER READING: - 1329830 -

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 6.2

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 4.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 1.4

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #063

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN D.

DATE OF INSPECTION: 07-14-05

OBSERVATIONS AND COMMENTS: WATER SAMPLES FROM SYSTEM

PWS MW-3 AND MW-4

FLOW METER READING: - 1829970 -

SAMPLES OBTAINED: Yes (SYSTEM SAMPLING)

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: _____

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: _____

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: _____

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBACH P.

DATE OF INSPECTION: 07-22-05

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHANGE OIL,
CHECK HOSES AND PIPE FOR LEAK, CHECK TIMER,
ADJUST FILTER/REGULATOR FOR MW-4,

FLOW METER READING: ^{gsp} - 1032760 -

SAMPLES OBTAINED: N/A

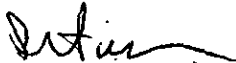
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10.

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 4.8

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 3.6

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 1.1

INSPECTOR'S SIGNATURE: 



SYSTEM STARTUP / S UTDOWN REPORT

SITE: H-063
 ADDR: 6125 TELEGRAPH AVE
OAKLAND 94609
 DATE: 07-26-05
 PERSON: SERBANI

Remediation System Type: AS SVE DPE GWT FPR Other:

| System Type | | Action | | Hour Meter (hrs) | Totalizer (gal) | Purpose / Comments |
|-------------|-----------------------|---------|----------|------------------|-----------------|---------------------------|
| | | Startup | Shutdown | | | |
| AS | Air Sparging | | | | | |
| SVE | Soil Vapor Extraction | | | | | |
| DPE | Dual-Phase Extraction | | | | | |
| GWT | Groundwater Treatment | | ✓ | | 1833920 | FOR G.W.S. IN 07-27-05 |
| FPR | FP Recovery | | | | | |
| O | Other: | | | | | |

UTILITIES:

Electrical Meter: N/A
 Nat. gas Meter: N/A
 Propane Tank Level: N/A

OTHER NOTES:

ALWAYS OBSERVE SAFETY PROCEDURES!

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAH D

DATE OF INSPECTION: 08-05-05

OBSERVATIONS AND
COMMENTS: RESTART SYSTEM AFTER QWS.

FLOW METER READING: 1833970

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 5.3

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 2.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.7

INSPECTOR'S SIGNATURE: 



EARTH MANAGEMENT CO.
Environmental Remediation

SYSTEM STARTUP / SHUTDOWN REPORT

SITE:

#063

ADDR:

6125 TELEGRAPH AVE
OAKLAND, CA 94609

DATE:

08-05-05

PERSON:

SPRADA

Remediation System Type:

- AS
- SVE
- DPE
- GWT
- FPR
- Other:

| System Type | | Action | | Hour Meter (hrs) | Totalizer (gal) | Purpose / Comments |
|-------------|-----------------------|---------|----------|------------------|-----------------|--------------------|
| | | Startup | Shutdown | | | |
| AS | Air Sparging | | | | | |
| SVE | Soil Vapor Extraction | | | | | |
| DPE | Dual-Phase Extraction | | | | | |
| GWT | Groundwater Treatment | ✓ | | | 1833970 | AFTER Q.W.S. |
| FPR | FP Recovery | | | | | |
| O | Other: | | | | | |

UTILITIES:

Electrical Meter:

N/A

Nat gas Meter:

N/A

Propane Tank Level:

N/A

OTHER NOTES:

CHANGE OIL, CHECK HOSES AND PIPE FOR LEAK,

ALWAYS OBSERVE SAFETY PROCEDURES!

063

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P.

DATE OF INSPECTION: 08-09-05

OBSERVATIONS AND COMMENTS: SPLIT WATER SAMPLE WITH
INSPECTOR FROM ERMWD OAKLAND.

FLOW METER READING: -1836930-

SAMPLES OBTAINED: FROM PSP1

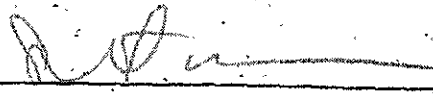
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: _____

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: _____

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: _____

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #063

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERRAN P.

DATE OF INSPECTION: 08-19-05

OBSERVATIONS AND COMMENTS: DRAIN COMPRESSOR TANK, CHECK BELT,
CHECK HOSES AND PIPES FOR LEAK, CHECK TIMER,

FLOW METER READING: -1837560 -

SAMPLES OBTAINED: SPLIT PSP1 WITH ERMUD

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10.

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: —

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 3.6

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 2.0

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 1.1

INSPECTOR'S SIGNATURE: 

063

THRIFTY OIL CO. SERVICE STATION #063

GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SEEBAM P -

DATE OF INSPECTION: 08-25-05

OBSERVATIONS AND COMMENTS: SHUT DOWN SYSTEM FOR REPLACE CARBON,

FLOW METER READING: 1837920 -

SAMPLES OBTAINED: N/A

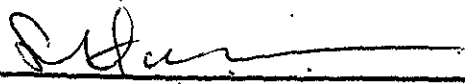
PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: _____

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: _____

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: _____

INSPECTOR'S SIGNATURE: 



SYSTEM STARTUP / SHUTDOWN REPORT

SITE: HL 063
 ADDR: 6125 TELEGRAPH AVE
OAKLAND, 94604
 DATE: 08-25-05
 PERSON: FERBIAH

Remediation System Type: AS SVE DPE GWT FPR Other:

| System Type | | Action | | Hour Meter (hrs) | Totalizer (gal) | Purpose / Comments |
|-------------|-----------------------|---------|----------|---------------------|--------------------|--------------------|
| | | Startup | Shutdown | | | |
| AS | Air Sparging | | | | | |
| SVE | Soil Vapor Extraction | | | | | |
| DPE | Dual-Phase Extraction | | | | | |
| GWT | Groundwater Treatment | | ✓ | | 1837920 | FOR REPLACE CARBON |
| FPR | FP Recovery | | | | | |
| O | Other: | | | | | |

UTILITIES:

Electrical Meter: N/A
 Nat. gas Meter: N/A
 Propane Tank Level: N/A

OTHER NOTES:

TAKE OUTSIDE COMPOUND 3 CARBON DRUM FOR PICKUP
BY U.S. FILTERED WASTES FOR EXCHANGE,

ALWAYS OBSERVE SAFETY PROCEDURES!

063

MAINTENANCE & REPAIR REPORT

A) SS #: 063 SYSTEM TYPE:
B) DEFICIENCY DESCRIPTION :
CARBON CHANGE
C) NAME OF REPORTING PARTY AND DATE: SERBATA
D) DATE SCHEDULED : 08-20-05

| 1) NAME: | DATE/TIME |
|----------------------------------------------------------------------------------------------------|-----------|
| 2) FINDINGS: | |
| 3) HAS THE JOB BEEN COMPLETED? YES/NO IF "NO", PLEASE DESCRIBE WHY AND WHAT YOU NEED TO FINISH: | |
| 4) POST REPAIR TEST RESULTS: | |
| 5) THE CAUSE OF THE DEFICIENCY: | |
| BRIEF INSTRUCTIONS FOR PREVENTIVE MAINTENANCE TO THE TECHNICIAN: | |
| 6) OTHER: FILL WITH CLEAR WATER 3 CARBON DRUMS AND SET FOR 24 HOURS | |

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBAN P

DATE OF INSPECTION: 09-01-05

OBSERVATIONS AND
COMMENTS: RESTORE SYSTEM AFTER CHANGE
CARBON,

FLOW METER READING: -1837980-

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 3.5

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 2.1

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 1.6

INSPECTOR'S SIGNATURE: 



SYSTEM STARTUP / SHUTDOWN REPORT

SITE: #063
 ADDR: 6125 TELEGRAPH AVE
 OAKLAND, 94609
 DATE: 09-01-05
 PERSON: SRBAH

Remediation System Type: AS SVE DPE GWT FPR Other:

| System Type | | Action | | Hour Meter (hrs) | Totalizer (gal) | Purpose / Comments |
|-------------|-----------------------|---------|----------|------------------|-----------------|---------------------------------------|
| | | Startup | Shutdown | | | |
| AS | Air Sparging | | | | | |
| SVE | Soil Vapor Extraction | | | | | |
| DPE | Dual-Phase Extraction | | | | | |
| GWT | Groundwater Treatment | ✓ | | | 1837980 | AFTER CHANGE CARTRIDGE RESTART SYSTEM |
| FPR | FP Recovery | | | | | |
| O | Other: | | | | | |

UTILITIES:
 Electrical Meter: N/A
 Nat. gas Meter: N/A
 Propane Tank Level: N/A

OTHER NOTES:
 CHECK DRUMS, CONNECTIONS FOR LEAK, DRAIN COMPRESSOR TANK AND RESTART SYSTEM

ALWAYS OBSERVE SAFETY PROCEDURES!

THRIFTY OIL CO. SERVICE STATION #63
6125 TELEGRAPH AVENUE, OAKLAND, CALIFORNIA
GROUNDWATER EXTRACTION/TREATMENT SYSTEM INSPECTION FORM

NAME OF INSPECTOR: SERBA P -

DATE OF INSPECTION: 09-09-05

OBSERVATIONS AND
COMMENTS: DRAIN COMPRESSOR TANK, CHANGE OIL,
CHECK BELT, CHECK FOR AIR LEAK, CHECK TIMER,
CHECK CARBON DRUMS FOR LEAK,

FLOW METER READING: - 1838530 -

SAMPLES OBTAINED: N/A

PRESSURE GAUGE READING UP STREAM OF THE BAG FILTER: 10.

PRESSURE GAUGE READING DOWN STREAM OF THE CARTRIDGE FILTER: _____

PRESSURE GAUGE READING DOWN STREAM OF THE PRIMARY GAC UNIT: 2.5

PRESSURE GAUGE READING DOWN STREAM OF THE SECONDARY GAC UNIT: 1.4

PRESSURE GAUGE READING DOWN STREAM OF THE THIRD GAC UNIT: 0.9

INSPECTOR'S SIGNATURE: 