

THRIFTY OIL CO.

January 7, 2005

O.53093

Mr. Amir Gholami
Alameda County Health Care Agency
Hazardous Material Specialist
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Local #1252
RWQCB #01-1476
Global ID #T0600101363
Confirmation #5624619722

RE: **Former Thrifty Oil Co. Station #054**
TOSCO Station #2602486
2504 Castro Valley Boulevard
Castro Valley, CA
4th Quarter 2004, Status Report

Dear Mr. Gholami:

Presented herein is the Fourth Quarter 2004, Status Report prepared for Former Thrifty Oil Co. (Thrifty) Station #054 located at 2504 Castro Valley Boulevard, Castro Valley, California (**Figure 1**). This report presents the results of the groundwater monitoring activities conducted during the fourth quarter of 2004. During the current quarter, Thrifty retained Blaine Tech Services (BTS) to conduct quarterly groundwater monitoring and sampling activities at this site.

Groundwater Monitoring

Depth to groundwater is measured in each monitoring well quarterly. Historic groundwater gauging data obtained from April 11, 1988 through December 8, 2004, is presented in **Table 1**. In general, groundwater occurs beneath the station at depths ranging from 1.20 feet below top of casing (btc) in monitoring well RS-9 to 6.76 feet btc in monitoring well RS-8 (**Appendix A**). A groundwater elevation contour map based on the December 8, 2004, data is presented in **Figure 1**. Groundwater elevation data indicates that the general direction of groundwater flow beneath the site is toward the northeast with a hydraulic gradient of approximately 0.0351 feet/foot.

Quarterly Groundwater Sampling

As part of the ongoing groundwater-monitoring program, groundwater samples were obtained from selected monitoring wells PW-1, RE-2, RE-3, RE-4, RE-6, RE-7, RS-9, and RS-11 on December 8 and 9, 2004. In a letter from the Alameda County Health Care Agency (ACHCA) dated November 6, 2001, the ACHCA released Thrifty from collecting groundwater samples from wells PW-2, RE-1, RE-5, RS-8, and RS-10 until further notice.

Groundwater samples were obtained by EMC and delivered in a chilled state in an ice chest following strict Chain-of-Custody procedures to a state-certified laboratory. The samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M for gasoline and for benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl tert-butyl ether (MTBE) by EPA Method 8021B. Copies of the BTS Field Status Reports are presented in **Appendix A**, and copies of the laboratory analytical reports are contained in **Appendix B**.

TPHg, BTEX, and MTBE concentrations appear in **Table 1** and laboratory reports are provided in **Appendix B**. TPHg, benzene, and MTBE isoconcentration maps are presented in **Figures 2, 3, and 4**,



respectively. The highest laboratory analytical concentration for TPHg was found in well RE-6 (297,000 ug/L). The highest benzene concentrations was found in well RE-4 (4,680 ug/L) and the highest MTBE concentration was found in monitoring well RE-7 (70,000 ug/L). MTBE was confirmed using EPA Method 8260B.

Based on a survey of top of casing elevations performed by Morrow Surveying in October 2003, it was confirmed and Thrifty again reiterates that well RS-9 is located upgradient of the Thrifty site, and any contamination found in this well appears to be originating from an upgradient off-site source. TOSCO Marketing Company is the current operator of the service station and acquired the lease from BP Oil, who previously leased the property beginning on July 10, 1991.

Evidence of New/Recent Release or Possible Presence of an Active Source

In a letter dated December 30, 2004, submitted jointly to TOSCO and the ACHCA, Thrifty provided evidence of a recent release of hydrocarbons as detected in groundwater samples collected during the 2nd, 3rd, and 4th Quarters 2004. It is Thrifty's position that if further assessment and remediation becomes necessary, it should be the responsibility of TOSCO and that TOSCO should file an unauthorized release report with the ACHCA. Thrifty requests that TOSCO provide to the ACHCA and to Thrifty all UST system testing results and maintenance/repair records for the last three years of operation.

Further evidence of a recent release is provided by the use of BTEX ratios that are used as a means to compare the relative age of gasoline releases into the subsurface. The most common method is the cumulative BTEX ration that is described as B+T/E+X. Site investigations indicate that values between 1 and 6 are supportive of a recent release and that values less than 0.5 usually indicate a release older than about 8 to 10 years (Kaplan et. al. 1997, "Forensic Environmental Geochemistry: Differentiation of Fuel Types, Their Sources and Release Time;" Robert D. Morrison: "Forensic Techniques for Establishing the Origin and Timing of Contaminant Release"). The table provided below provides B+T/E+X ratios based on the groundwater samples collected during the sampling event conducted on December 8, 2004.

| Well ID | B | T | B+T | E | X | E+X | B+T/E+X |
|---------|-------|--------|--------|-------|--------|--------|---------|
| RE-2 | 1,960 | 26,900 | 28,860 | 4,660 | 23,200 | 27,860 | 1.04 |
| RE-4 | 4,680 | 44,900 | 59,580 | 4,850 | 29,000 | 33,850 | 1.465 |
| RE-6 | 1,620 | 38,500 | 40,120 | 9,470 | 56,000 | 65,470 | 0.613 |
| RE-7 | 4,380 | 34,800 | 39,180 | 5,370 | 25,000 | 30,370 | 1.29 |
| RE-3 | 1.3 | 3.9 | 5.2 | 1.7 | 2.6 | 4.3 | 1.2 |

Based on the September 2, 2004, sampling results, the B+T/E+X for monitoring wells RE-4 and RE-3 were 6.43 and 6.42, respectively. The BTEX ratios presented above are between 0.613 and 6.43 thus providing additional evidence of a recent release at former Thrifty Station #054. Wells RE-3 and RE-4 are located downgradient of the USTs/piping and well RE-7 is located downgradient of the dispensers. Although wells RE-2 and RE-6 are not located downgradient of the dispensers, they are located very close to the dispensers which appear to be a source of the recent release along with the former USTs and/or piping.

In addition, the presence of MTBE in groundwater indicates a post 1991 release since Thrifty did not dispense MTBE blended gasoline during its operation. Thrifty's refinery (Golden West Refining Co.) began using MTBE in gasoline manufacturing processes in October 1992 when this site was already operated by BP Oil and later by TOSCO.

Planned Activities

Thrifty will continue the groundwater monitoring, gauging, and sampling events at this site on a quarterly basis. All interpretations expressed in this report are based solely upon the review of data collected by BTS and laboratory analyses by Associated Laboratories.

Respectfully submitted,



Michael H. Bowery, R.G.
Project Manager



Chris Panaitescu
General Manager
Environmental Affairs

- cc:
- Erika Assadi, SRWQCB (USTCF)
 - Liz Sewell, TOSCO Marketing Company
76 Broadway
Sacramento CA 95818
 - File

TABLES

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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 #PW-1 | | | | | | | | | | | |
| <i>Screen Interval - 5 to 15 feet (Est.)</i> | | | | | | | | | | | |
| 04/11/88 | - | - | - | - | - | - | - | - | - | - | - |
| 04/09/90 | 230,000 | 600 | 2,700 | 1,000 | 16,000 | - | 5.10 | NP | 0.00 | 166.46 | 161.36 |
| 10/30/90 | 35,000 | 240 | 970 | 240 | 3,580 | - | 6.17 | NP | 0.00 | 166.46 | 160.29 |
| 01/18/91 | 37,000 | 43 | 140 | 42 | 1,600 | - | 6.28 | NP | 0.00 | 166.46 | 160.18 |
| 02/12/91 | 45,000 | 99 | 130 | 25 | 700 | - | 5.88 | NP | 0.00 | 166.46 | 160.58 |
| 03/20/91 | 1,900 | 0.43 | ND | ND | 2.8 | - | 4.75 | NP | 0.00 | 166.46 | 161.71 |
| 05/22/91 | 41,000 | 600 | 730 | 250 | 3,800 | - | 5.10 | NP | 0.00 | 166.46 | 161.36 |
| 06/19/91 | - | - | - | - | - | - | 5.61 | NP | 0.00 | 166.46 | 160.85 |
| 07/17/91 | - | - | - | - | - | - | 5.53 | FILM | 0.00 | 166.46 | 160.93 |
| 08/07/91 | - | - | - | - | - | - | 5.67 | FILM | 0.00 | 166.46 | 160.79 |
| 09/24/91 | - | - | - | - | - | - | 5.57 | FILM | 0.00 | 166.46 | 160.89 |
| 10/23/91 | - | - | - | - | - | - | 6.53 | FILM | 0.00 | 166.46 | 159.93 |
| 11/06/91 | - | - | - | - | - | - | 5.85 | FILM | 0.00 | 166.46 | 160.61 |
| 12/04/91 | - | - | - | - | - | - | 5.91 | FILM | 0.00 | 166.46 | 160.55 |
| 01/29/92 | - | - | - | - | - | - | 5.43 | FILM | 0.00 | 166.46 | 161.03 |
| 02/26/92 | - | - | - | - | - | - | 5.54 | FILM | 0.00 | 166.46 | 160.92 |
| 03/19/92 | ND | ND | ND | ND | ND | - | 5.47 | NP | 0.00 | 166.46 | 160.99 |
| 04/22/92 | - | - | - | - | - | - | 5.62 | FILM | 0.00 | 166.46 | 160.84 |
| 05/21/92 | 1,300 | 19 | 2.9 | 0.7 | 58 | - | 6.21 | NP | 0.00 | 166.46 | 160.25 |
| 06/25/92 | - | - | - | - | - | - | 6.94 | NP | 0.00 | 166.46 | 159.52 |
| 07/30/92 | - | - | - | - | - | - | 5.90 | FILM | 0.00 | 166.46 | 160.56 |
| 08/20/92 | - | - | - | - | - | - | 7.12 | FILM | 0.00 | 166.46 | 159.34 |
| 09/30/92 | 3,400 | 57 | ND | 26 | 240 | - | 6.42 | NP | 0.00 | 166.46 | 160.04 |
| 12/23/92 | - | - | - | - | - | - | 5.56 | FILM | 0.00 | 166.46 | 160.90 |
| 03/10/93 | - | - | - | - | - | - | 5.65 | FILM | 0.00 | 166.46 | 160.81 |
| 06/09/93 | 400 | <0.5 | 1.1 | <1.0 | <1.0 | - | 5.30 | NP | 0.00 | 166.46 | 161.16 |
| 09/14/93 | 180 | 3.7 | 3.2 | 1.5 | 14 | - | 5.43 | NP | 0.00 | 166.46 | 161.03 |
| 12/14/93 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 4.65 | NP | 0.00 | 166.46 | 161.81 |
| 03/02/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 5.43 | NP | 0.00 | 166.46 | 161.03 |
| 06/06/94 | 330 | 1.3 | <0.3 | 0.88 | 9.8 | - | 4.70 | NP | 0.00 | 166.46 | 161.76 |
| 09/06/94 | 1,100 | 67 | <0.3 | <0.3 | 24 | - | 6.48 | NP | 0.00 | 166.46 | 159.98 |
| 12/07/94 | <50 | <0.3 | <0.3 | <0.5 | <0.5 | - | 5.22 | NP | 0.00 | 166.46 | 161.24 |
| 03/08/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 6.94 | NP | 0.00 | 166.46 | 159.52 |
| 06/15/95 | 260 | 0.8 | 0.6 | <0.5 | 3.2 | - | 5.72 | NP | 0.00 | 166.46 | 160.74 |
| 09/05/95 | 330 | 2.1 | <0.5 | 2.1 | 9.6 | - | 5.96 | NP | 0.00 | 166.46 | 160.50 |
| 11/21/95 | 660 | 13 | 1.3 | <0.3 | 4.0 | - | 6.04 | NP | 0.00 | 166.46 | 160.42 |
| 03/11/96 | 660 | 0.94 | 0.77 | <0.3 | 8.1 | - | 3.60 | NP | 0.00 | 166.46 | 162.86 |

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 06/19/96 | 120 | 0.53 | <0.3 | <0.3 | 2.3 | - | 4.80 | NP | 0.00 | 166.46 | 161.66 |
| 09/16/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 5.10 | NP | 0.00 | 166.46 | 161.36 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 4.92 | NP | 0.00 | 166.46 | 161.54 |
| 03/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 4.50 | NP | 0.00 | 166.46 | 161.96 |
| 06/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | - | - | - | - |
| 09/16/97 | 690 | 0.97 | <0.3 | <0.3 | <0.5 | <20 | 4.55 | NP | 0.00 | 166.46 | 161.91 |
| 12/09/97 | 640 | 150 | 0.64 | <0.3 | 5.2 | 1,300 | 5.60 | NP | 0.00 | 166.46 | 160.86 |
| 03/03/98 | <50 | <0.3 | 0.57 | <0.3 | <0.5 | <20 | 4.13 | NP | 0.00 | 166.46 | 162.33 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | - | - | - | - |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 6.35 | NP | 0.00 | 166.46 | 160.11 |
| 12/30/98 | <50 | 1.1 | <0.3 | <0.3 | <0.5 | <5 | 6.40 | NP | 0.00 | 166.46 | 160.06 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 6.35 | NP | 0.00 | 166.46 | 160.11 |
| 06/22/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 53 | 4.95 | NP | 0.00 | 166.46 | 161.51 |
| 09/08/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 4.80 | NP | 0.00 | 166.46 | 161.66 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 3.64 | NP | 0.00 | 166.46 | 162.82 |
| 03/23/00 | <50 | 0.5 | 0.5 | 1.1 | <0.5 | <5 | 4.03 | NP | 0.00 | 166.46 | 162.43 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | <5 | 4.40 | NP | 0.00 | 166.46 | 162.06 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.73 | NP | 0.00 | 166.46 | 161.73 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.01 | NP | 0.00 | 166.46 | 162.45 |
| 03/22/01 | 600 | <0.18 | 1.3 | <0.18 | <0.26 | *1,010 / 1,970 | 6.32 | NP | 0.00 | 166.46 | 160.14 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 6.32 | NP | 0.00 | 166.46 | 160.14 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 6.32 | NP | 0.00 | 166.46 | 160.14 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 6.02 | NP | 0.00 | 166.46 | 160.44 |
| 03/13/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 6.30 | NP | 0.00 | 166.46 | 160.16 |
| 06/12/02 | 1,320 | 1 | 1 | <0.18 | 2 | 2,060 | 6.30 | NP | 0.00 | 166.46 | 160.16 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.06 | NP | 0.00 | 166.46 | 159.40 |
| 12/18/02 | 113 | <0.18 | 1.1 | <0.18 | <0.26 | 89 | 6.30 | NP | 0.00 | 166.46 | 160.16 |
| 03/19/03 | <15 | <0.04 | 2.2 | <0.02 | 2.7 | <0.03 | 6.35 | NP | 0.00 | 166.46 | 160.11 |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 6.35 | NP | 0.00 | 166.46 | 160.11 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 5.90 | NP | 0.00 | 166.46 | 160.56 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 3.38 | NP | 0.00 | 165.95 | 162.57 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 5.51 | NP | 0.00 | 165.95 | 160.44 |
| 06/09/04 | <15 | <0.14 | <0.16 | <0.18 | <0.45 | <0.22 | 5.35 | NP | 0.00 | 165.95 | 160.60 |
| 09/02/04 | 133 | <0.14 | 2.4 | <0.18 | 1.9 | <0.22 | 6.33 | NP | 0.00 | 165.95 | 159.62 |
| 12/08/04 | <15 | <0.14 | 1.3 | <0.18 | <0.45 | <0.22 | 4.59 | NP | 0.00 | 165.95 | 161.36 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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 PW-2 | | | | | | | | | | | |
| <i>Screen Interval = 5 to 15 feet (Est.)</i> | | | | | | | | | | | |
| 04/11/88 | - | - | - | - | - | - | - | - | - | - | - |
| 04/09/90 | 600,000 | 1,300 | 11,000 | 4,600 | 4,300 | - | 5.81 | NP | 0.00 | 166.18 | 160.37 |
| 10/30/90 | 48,000 | 310 | 51 | 10 | 480 | - | 6.95 | NP | 0.00 | 166.18 | 159.23 |
| 01/18/91 | 86,000 | 230 | 1,400 | 350 | 8,300 | - | 6.92 | NP | 0.00 | 166.18 | 159.26 |
| 02/12/91 | 160,000 | 680 | 1,300 | 250 | 7,000 | - | 6.78 | NP | 0.00 | 166.18 | 159.40 |
| 03/20/91 | 17,000 | 34 | 50 | ND | 1,100 | - | 5.54 | NP | 0.00 | 166.18 | 160.64 |
| 05/22/91 | 14,000 | 57 | 2,100 | 500 | 8,200 | - | 6.07 | NP | 0.00 | 166.18 | 160.11 |
| 06/19/91 | - | - | - | - | - | - | 6.37 | FILM | 0.00 | 166.18 | 159.81 |
| 07/17/91 | - | - | - | - | - | - | 6.38 | FILM | 0.00 | 166.18 | 159.80 |
| 08/07/91 | - | - | - | - | - | - | 6.63 | FILM | 0.00 | 166.18 | 159.55 |
| 09/24/91 | - | - | - | - | - | - | 6.42 | FILM | 0.00 | 166.18 | 159.76 |
| 10/23/91 | - | - | - | - | - | - | 7.25 | FILM | 0.00 | 166.18 | 158.93 |
| 11/06/91 | - | - | - | - | - | - | 6.44 | FILM | 0.00 | 166.18 | 159.74 |
| 12/04/91 | - | - | - | - | - | - | 6.65 | FILM | 0.00 | 166.18 | 159.53 |
| 01/29/92 | - | - | - | - | - | - | 6.17 | FILM | 0.00 | 166.18 | 160.01 |
| 02/26/92 | - | - | - | - | - | - | 5.90 | FILM | 0.00 | 166.18 | 160.28 |
| 03/19/92 | - | - | - | - | - | - | 5.80 | FILM | 0.00 | 166.18 | 160.38 |
| 04/22/92 | - | - | - | - | - | - | 5.88 | FILM | 0.00 | 166.18 | 160.30 |
| 05/21/92 | - | - | - | - | - | - | 6.03 | FILM | 0.00 | 166.18 | 160.15 |
| 06/25/92 | - | - | - | - | - | - | 6.57 | FILM | 0.00 | 166.18 | 159.61 |
| 07/30/92 | - | - | - | - | - | - | 6.20 | FILM | 0.00 | 166.18 | 159.98 |
| 08/20/92 | - | - | - | - | - | - | 6.64 | FILM | 0.00 | 166.18 | 159.54 |
| 09/30/92 | - | - | - | - | - | - | 6.88 | FILM | 0.00 | 166.18 | 159.30 |
| 12/23/92 | - | - | - | - | - | - | 6.08 | FILM | 0.00 | 166.18 | 160.10 |
| 03/10/93 | - | - | - | - | - | - | 5.95 | FILM | 0.00 | 166.18 | 160.23 |
| 06/09/93 | 3,400 | 24 | 22 | <0.5 | 240 | - | 5.38 | NP | 0.00 | 166.18 | 160.80 |
| 09/14/93 | 4,900 | 190 | 15 | 6.8 | 480 | - | 6.26 | NP | 0.00 | 166.18 | 159.92 |
| 12/14/93 | 1,700 | 4.2 | <0.3 | <0.3 | <0.5 | - | 5.22 | NP | 0.00 | 166.18 | 160.96 |
| 03/02/94 | - | - | - | - | - | - | 5.75 | FILM | 0.00 | 166.18 | 160.43 |
| 06/06/94 | 980 | 25 | 1.2 | <0.3 | 42 | - | 5.25 | NP | 0.00 | 166.18 | 160.93 |
| 09/06/94 | 3,200 | 95 | 3.0 | <1.7 | 76 | - | 6.80 | NP | 0.00 | 166.18 | 159.38 |
| 12/07/94 | 510 | 1.8 | <0.3 | <0.5 | 1.7 | - | 5.57 | NP | 0.00 | 166.18 | 160.61 |
| 03/08/95 | 1,900 | <0.5 | <0.5 | 1.4 | 35 | - | 4.10 | NP | 0.00 | 166.18 | 162.08 |
| 06/15/95 | 1,700 | 5.6 | <0.5 | <0.5 | 1.6 | - | 5.44 | NP | 0.00 | 166.18 | 160.74 |
| 09/05/95 | 2,500 | 33 | 1.0 | 0.86 | 18 | - | 6.13 | NP | 0.00 | 166.18 | 160.05 |
| 11/21/95 | 2,800 | 130 | 59 | 18 | 190 | - | 6.23 | NP | 0.00 | 166.18 | 159.95 |
| 03/11/96 | 13,000 | 330 | 460 | <15 | 3,800 | - | 4.48 | NP | 0.00 | 166.18 | 161.70 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 06/19/96 | 1,400 | <0.3 | <0.3 | <0.3 | <0.5 | - | 5.38 | NP | 0.00 | 166.18 | 160.80 |
| 09/16/96 | 3,500 | <0.3 | <0.3 | <0.3 | <0.5 | 5,900 | 5.21 | NP | 0.00 | 166.18 | 160.97 |
| 12/10/96 | 2,100 | <0.3 | <0.3 | <0.3 | <0.5 | 4,700 | 4.87 | NP | 0.00 | 166.18 | 161.31 |
| 03/12/97 | 600 | 1.6 | <0.3 | <0.3 | 5.8 | 1,100 | 4.43 | NP | 0.00 | 166.18 | 161.75 |
| 06/12/97 | 270 | <0.3 | <0.3 | <0.3 | <0.5 | 630 | - | - | - | - | - |
| 09/10/97 | 220 | <0.3 | <0.3 | <0.3 | <0.5 | 320 | 4.07 | NP | 0.00 | 166.18 | 162.11 |
| 12/09/97 | 120 | <0.3 | 0.73 | <0.3 | <0.5 | 420 | 5.20 | NP | 0.00 | 166.18 | 160.98 |
| 03/03/98 | <50 | 0.43 | 0.48 | <0.3 | <0.5 | 47 | 3.30 | NP | 0.00 | 166.18 | 162.88 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | - | - | - | - |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 5.15 | NP | 0.00 | 166.18 | 161.03 |
| 12/30/98 | <50 | 1.1 | <0.3 | <0.3 | <0.5 | <5 | 4.75 | NP | 0.00 | 166.18 | 161.43 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 4.40 | NP | 0.00 | 166.18 | 161.78 |
| 06/22/99 | - | - | - | - | - | - | 4.50 | NP | 0.00 | 166.18 | 161.68 |
| 09/08/99 | 100 | <0.3 | <0.3 | <0.3 | <0.5 | 230 | 3.99 | NP | 0.00 | 166.18 | 162.19 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 3.62 | NP | 0.00 | 166.18 | 162.56 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | 2.93 | NP | 0.00 | 166.18 | 163.25 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | <5 | 3.60 | NP | 0.00 | 166.18 | 162.58 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 3.61 | NP | 0.00 | 166.18 | 162.57 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 3.60 | NP | 0.00 | 166.18 | 162.58 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.14 | NP | 0.00 | 166.18 | 161.04 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.13 | NP | 0.00 | 166.18 | 161.05 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.90 | NP | 0.00 | 166.18 | 160.28 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 6.20 | NP | 0.00 | 166.18 | 159.98 |
| 03/13/02 | - | - | - | - | - | - | 5.14 | NP | 0.00 | 166.18 | 161.04 |
| 06/12/02 | - | - | - | - | - | - | - | - | - | - | - |
| 09/18/02 | - | - | - | - | - | - | - | - | - | - | - |
| 12/18/02 | - | - | - | - | - | - | - | - | - | - | - |
| 03/19/03 | - | - | - | - | - | - | - | - | - | - | - |
| 06/11/03 | - | - | - | - | - | - | - | - | - | - | - |
| 09/04/03 | - | - | - | - | - | - | - | - | - | - | - |
| 12/04/03 | - | - | - | - | - | - | 3.20 | NP | 0.00 | 165.61 | 162.41 |
| 03/18/04 | - | - | - | - | - | - | 5.12 | NP | 0.00 | 165.61 | 160.49 |
| 06/09/04 | - | - | - | - | - | - | 4.72 | NP | 0.00 | 165.61 | 160.89 |
| 09/02/04 | - | - | - | - | - | - | 6.95 | NP | 0.00 | 165.61 | 158.66 |
| 12/08/04 | - | - | - | - | - | - | 3.63 | NP | 0.00 | 165.61 | 161.98 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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 #RE-1 | | | | | | | | | | | |
| <i>Screen Interval - 5 to 17 feet</i> | | | | | | | | | | | |
| 04/11/88 | 37,000 | 1,900 | 8,400 | 1,200 | 15,000 | - | - | - | - | - | - |
| 04/09/90 | 45,000 | 6,100 | 7,000 | 2,000 | 8,800 | - | 4.99 | NP | 0.00 | 166.82 | 161.83 |
| 10/30/90 | 72,000 | 7,700 | 5,300 | 1,800 | 8,900 | - | 5.95 | NP | 0.00 | 166.82 | 160.87 |
| 01/18/91 | 150,000 | 11,000 | 14,000 | 1,800 | 4,300 | - | 5.17 | NP | 0.00 | 166.82 | 161.65 |
| 02/12/91 | 140,000 | 11,000 | 12,000 | 1,600 | 13,000 | - | 4.16 | NP | 0.00 | 166.82 | 162.66 |
| 03/20/91 | 53,000 | 3,100 | 4,200 | 400 | 5,500 | - | 4.75 | NP | 0.00 | 166.82 | 162.07 |
| 05/22/91 | 85,000 | 8,700 | 10,000 | 1,800 | 12,000 | - | 4.42 | NP | 0.00 | 166.82 | 162.40 |
| 06/19/91 | 110,000 | 8,500 | 9,600 | 2,600 | 16,000 | - | 4.93 | NP | 0.00 | 166.82 | 161.89 |
| 07/17/91 | 5,500 | 950 | ND | 26 | ND | - | 5.19 | NP | 0.00 | 166.82 | 161.63 |
| 08/07/91 | - | 6,700 | 5,000 | ND | 7,100 | - | 5.12 | NP | 0.00 | 166.82 | 161.70 |
| 09/24/91 | 60,000 | 6,800 | 4,300 | 640 | 6,900 | - | 5.87 | NP | 0.00 | 166.82 | 160.95 |
| 10/23/91 | 79,000 | 7,900 | 8,300 | 450 | 7,100 | - | 5.81 | NP | 0.00 | 166.82 | 161.01 |
| 11/06/91 | 130,000 | 14,000 | 15,000 | 1,100 | 8,800 | - | 5.56 | NP | 0.00 | 166.82 | 161.26 |
| 12/04/91 | 50,000 | 8,000 | 4,700 | 520 | 4,100 | - | 5.35 | NP | 0.00 | 166.82 | 161.47 |
| 01/29/92 | 21,000 | 10,300 | 11,000 | 780 | 6,000 | - | 4.50 | NP | 0.00 | 166.82 | 162.32 |
| 02/26/92 | 38,000 | 8,400 | 10,500 | 720 | 7,100 | - | 5.27 | NP | 0.00 | 166.82 | 161.55 |
| 03/19/92 | 48,000 | 6,200 | 9,700 | 780 | 7,200 | - | 4.47 | NP | 0.00 | 166.82 | 162.35 |
| 04/22/92 | - | - | - | - | - | - | 4.62 | NP | 0.00 | 166.82 | 162.20 |
| 05/21/92 | 20,000 | 7,600 | 10,100 | 830 | 6,900 | - | 4.98 | NP | 0.00 | 166.82 | 161.84 |
| 06/25/92 | - | - | - | - | - | - | 5.14 | FILM | 0.00 | 166.82 | 161.68 |
| 07/30/92 | - | - | - | - | - | - | 5.30 | FILM | 0.00 | 166.82 | 161.52 |
| 08/20/92 | - | - | - | - | - | - | 5.28 | FILM | 0.00 | 166.82 | 161.54 |
| 09/30/92 | - | - | - | - | - | - | 5.66 | FILM | 0.00 | 166.82 | 161.16 |
| 12/23/92 | - | - | - | - | - | - | 4.81 | FILM | 0.00 | 166.82 | 162.01 |
| 03/10/93 | - | - | - | - | - | - | 4.13 | FILM | 0.00 | 166.82 | 162.69 |
| 06/09/93 | - | - | - | - | - | - | 4.48 | FILM | 0.00 | 166.82 | 162.34 |
| 09/14/93 | 19,000 | 3,600 | 1,100 | 740 | 4,300 | - | 5.35 | NP | 0.00 | 166.82 | 161.47 |
| 12/14/93 | 38,000 | 4,300 | 1,300 | <6.6 | 11 | - | 4.38 | NP | 0.00 | 166.82 | 162.44 |
| 03/02/94 | - | - | - | - | - | - | 4.22 | FILM | 0.00 | 166.82 | 162.60 |
| 06/06/94 | - | - | - | - | - | - | 2.16 | FILM | 0.00 | 166.82 | 164.66 |
| 09/06/94 | 74,000 | 3,300 | 3,900 | 1,200 | 6,100 | - | 5.00 | NP | 0.00 | 166.82 | 161.82 |
| 12/07/94 | 30,000 | 3,200 | 2,900 | 1,200 | 4,600 | - | 4.10 | NP | 0.00 | 166.82 | 162.72 |
| 03/08/95 | 28,000 | 4,200 | 2,300 | 810 | 7,800 | - | 3.92 | NP | 0.00 | 166.82 | 162.90 |
| 06/15/95 | - | - | - | - | - | - | - | - | - | - | - |
| 09/05/95 | - | - | - | - | - | - | 4.78 | FILM | 0.00 | 166.82 | 162.04 |
| 11/21/95 | - | - | - | - | - | - | 4.82 | NP | 0.00 | 166.82 | 162.00 |
| 03/11/96 | 270 | 2.4 | 6.0 | 4.5 | 19 | - | 3.32 | NP | 0.00 | 166.82 | 163.50 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 06/19/96 | 3,000 | 570 | 63 | <1.5 | 400 | - | 4.20 | NP | 0.00 | 166.82 | 162.62 |
| 09/16/96 | 7,700 | 440 | 69 | <1.5 | 680 | 230 | 4.68 | NP | 0.00 | 166.82 | 162.14 |
| 12/10/96 | 52 | <0.3 | <0.3 | <0.3 | <0.5 | 120 | 4.93 | NP | 0.00 | 166.82 | 161.89 |
| 03/12/97 | 8,700 | 180 | 5.4 | 40 | 1,100 | 130 | 4.10 | NP | 0.00 | 166.82 | 162.72 |
| 06/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 36 | - | - | - | - | - |
| 09/16/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 4.55 | NP | 0.00 | 166.82 | 162.27 |
| 12/09/97 | <50 | <0.3 | 0.44 | <0.3 | <0.5 | <20 | 5.30 | NP | 0.00 | 166.82 | 161.52 |
| 03/03/98 | 1,100 | 13 | 0.51 | <0.3 | <0.5 | 220 | 4.55 | NP | 0.00 | 166.82 | 162.27 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | - | - | - | - |
| 09/10/98 | 60 | <0.3 | <0.3 | <0.3 | <0.5 | 180 | 6.05 | NP | 0.00 | 166.82 | 160.77 |
| 12/30/98 | <50 | 1.1 | <0.3 | <0.3 | <0.5 | <5 | 5.65 | NP | 0.00 | 166.82 | 161.17 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 5.68 | NP | 0.00 | 166.82 | 161.14 |
| 06/22/99 | 880 | 14 | 0.98 | <0.3 | 8.1 | 260 | 4.95 | NP | 0.00 | 166.82 | 161.87 |
| 09/08/99 | 72 | <0.3 | <0.3 | <0.3 | <0.5 | 120 | 4.46 | NP | 0.00 | 166.82 | 162.36 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 4.08 | NP | 0.00 | 166.82 | 162.74 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | 3.68 | NP | 0.00 | 166.82 | 163.14 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | <5 | 4.07 | NP | 0.00 | 166.82 | 162.75 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.07 | NP | 0.00 | 166.82 | 162.75 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.06 | NP | 0.00 | 166.82 | 162.76 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.22 | NP | 0.00 | 166.82 | 161.60 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.99 | NP | 0.00 | 166.82 | 160.83 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.84 | NP | 0.00 | 166.82 | 161.98 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.80 | NP | 0.00 | 166.82 | 162.02 |
| 03/13/02 | - | - | - | - | - | - | 5.18 | NP | 0.00 | 166.82 | 161.64 |
| 06/12/02 | - | - | - | - | - | - | - | - | - | - | - |
| 09/18/02 | - | - | - | - | - | - | - | - | - | - | - |
| 12/18/02 | - | - | - | - | - | - | - | - | - | - | - |
| 03/19/03 | - | - | - | - | - | - | - | - | - | - | - |
| 06/11/03 | - | - | - | - | - | - | - | - | - | - | - |
| 09/04/03 | - | - | - | - | - | - | - | - | - | - | - |
| 12/04/03 | - | - | - | - | - | - | 4.50 | NP | 0.00 | 166.46 | 161.96 |
| 03/18/04 | - | - | - | - | - | - | 5.64 | NP | 0.00 | 166.46 | 160.82 |
| 06/09/04 | - | - | - | - | - | - | 5.65 | NP | 0.00 | 166.46 | 160.81 |
| 09/02/04 | - | - | - | - | - | - | 5.45 | NP | 0.00 | 166.46 | 161.01 |
| 12/08/04 | - | - | - | - | - | - | 4.64 | NP | 0.00 | 166.46 | 161.82 |

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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 ARE-2 | | | | | | | | | | | |
| <i>Screen Interval - 5 to 17 feet</i> | | | | | | | | | | | |
| 04/11/88 | - | - | - | - | - | - | - | - | - | - | - |
| 04/09/90 | 850 | 5.8 | 0.5 | 4.8 | 1.1 | - | 4.90 | NP | 0.00 | 167.19 | 162.29 |
| 10/30/90 | 440 | 2.8 | 0.91 | 13 | 3.14 | - | 5.34 | NP | 0.00 | 167.19 | 161.85 |
| 01/18/91 | 1,100 | 8.4 | 3.1 | ND | 10 | - | 4.90 | NP | 0.00 | 167.19 | 162.29 |
| 02/12/91 | 1,100 | 5.9 | ND | 1.77 | ND | - | 4.94 | NP | 0.00 | 167.19 | 162.25 |
| 03/20/91 | 550 | 4.3 | ND | ND | ND | - | 4.32 | NP | 0.00 | 167.19 | 162.87 |
| 05/22/91 | 1,000 | 5.3 | 3.6 | 4.4 | 8.9 | - | 4.43 | NP | 0.00 | 167.19 | 162.76 |
| 06/19/91 | 700 | 2.1 | 1.4 | 3.8 | 3.5 | - | 6.43 | NP | 0.00 | 167.19 | 160.76 |
| 07/17/91 | 880 | 12 | 8.0 | 4.3 | 28 | - | 4.75 | NP | 0.00 | 167.19 | 162.44 |
| 08/07/91 | - | 3.8 | 1.6 | ND | ND | - | 4.87 | NP | 0.00 | 167.19 | 162.32 |
| 09/24/91 | 670 | 7.2 | 7.1 | ND | 23 | - | 5.50 | NP | 0.00 | 167.19 | 161.69 |
| 10/23/91 | 2,700 | 52 | 60 | 22 | 130 | - | 5.63 | NP | 0.00 | 167.19 | 161.56 |
| 11/06/91 | 1,900 | 18 | 61 | 9.1 | 83 | - | 5.14 | NP | 0.00 | 167.19 | 162.05 |
| 12/04/91 | 1,100 | 26 | 47 | 4.3 | 42 | - | 5.26 | NP | 0.00 | 167.19 | 161.93 |
| 01/29/92 | 900 | 14 | 24 | 5.3 | 19 | - | 5.11 | NP | 0.00 | 167.19 | 162.08 |
| 02/26/92 | 500 | 3.4 | 3.5 | 2.7 | 2.7 | - | 4.31 | NP | 0.00 | 167.19 | 162.88 |
| 03/19/92 | 1,200 | 14 | 20 | 15 | 18 | - | 4.45 | NP | 0.00 | 167.19 | 162.74 |
| 04/22/92 | 200 | ND | ND | ND | ND | - | 4.78 | NP | 0.00 | 167.19 | 162.41 |
| 05/21/92 | 500 | 7.5 | 6.8 | 3.9 | 7.4 | - | 5.02 | NP | 0.00 | 167.19 | 162.17 |
| 06/25/92 | ND | ND | 0.9 | 0.7 | ND | - | 5.13 | NP | 0.00 | 167.19 | 162.06 |
| 07/30/92 | 500 | 7.7 | 8.6 | 3.2 | 1.7 | - | 5.19 | NP | 0.00 | 167.19 | 162.00 |
| 08/20/92 | 1,100 | 6.6 | 4.5 | 2.7 | 2.0 | - | 5.27 | NP | 0.00 | 167.19 | 161.92 |
| 09/30/92 | 500 | 5.4 | 2.4 | 1.8 | 4.5 | - | 5.45 | NP | 0.00 | 167.19 | 161.74 |
| 12/23/92 | 800 | 1.9 | ND | ND | 2.3 | - | 4.60 | NP | 0.00 | 167.19 | 162.59 |
| 03/10/93 | 1,200 | ND | 1.4 | ND | 2.1 | - | 4.18 | NP | 0.00 | 167.19 | 163.01 |
| 06/09/93 | 200 | ND | ND | ND | ND | - | 4.53 | NP | 0.00 | 167.19 | 162.66 |
| 09/17/93 | 360 | 1.6 | 1.1 | 3.2 | 8.9 | - | 5.26 | NP | 0.00 | 167.19 | 161.93 |
| 12/14/93 | 260 | 5.6 | 3.9 | <0.3 | 21.0 | - | 2.75 | NP | 0.00 | 167.19 | 164.44 |
| 03/02/94 | 410 | <0.3 | <0.3 | <0.3 | <0.5 | - | 4.27 | NP | 0.00 | 167.19 | 162.92 |
| 06/06/94 | 760 | 4.6 | <0.3 | 0.32 | 1.3 | - | 4.88 | NP | 0.00 | 167.19 | 162.31 |
| 09/06/94 | 1,300 | 43 | 45 | 8.9 | 69 | - | 5.16 | NP | 0.00 | 167.19 | 162.03 |
| 12/07/94 | - | - | - | - | - | - | 4.16 | NP | 0.00 | 167.19 | 163.03 |
| 03/08/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 3.96 | NP | 0.00 | 167.19 | 163.23 |
| 06/15/95 | 130 | <0.5 | <0.5 | <0.5 | <1 | - | 4.52 | NP | 0.00 | 167.19 | 162.67 |
| 09/05/95 | 210 | <0.5 | <0.5 | <0.5 | <1 | - | 4.76 | NP | 0.00 | 167.19 | 162.43 |
| 11/21/95 | 160 | 0.65 | <0.3 | 0.35 | 0.95 | - | 4.83 | NP | 0.00 | 167.19 | 162.36 |
| 03/11/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 3.36 | NP | 0.00 | 167.19 | 163.83 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 06/19/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 4.68 | NP | 0.00 | 167.19 | 162.51 |
| 09/16/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 5.10 | NP | 0.00 | 167.19 | 162.09 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 4.47 | NP | 0.00 | 167.19 | 162.72 |
| 03/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 4.05 | NP | 0.00 | 167.19 | 163.14 |
| 06/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | - | - | - | - |
| 09/10/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 4.08 | NP | 0.00 | 167.19 | 163.11 |
| 12/09/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 4.40 | NP | 0.00 | 167.19 | 162.79 |
| 03/03/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 3.30 | NP | 0.00 | 167.19 | 163.89 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 15 | - | - | - | - | - |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 4.93 | NP | 0.00 | 167.19 | 162.26 |
| 12/30/98 | 460 | 0.92 | <0.3 | <0.3 | <0.5 | 1,400 | 4.20 | NP | 0.00 | 167.19 | 162.99 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 4.20 | NP | 0.00 | 167.19 | 162.99 |
| 06/22/99 | 2,900 | 7.4 | <0.3 | 0.43 | 4.1 | 4,500 | 3.70 | NP | 0.00 | 167.19 | 163.49 |
| 09/08/99 | 1,400 | <3 | <3 | <3 | <5 | 3,200 | 3.96 | NP | 0.00 | 167.19 | 163.23 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 3.58 | NP | 0.00 | 167.19 | 163.61 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | 3.19 | NP | 0.00 | 167.19 | 164.00 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | <5 | 3.18 | NP | 0.00 | 167.19 | 164.01 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 3.58 | NP | 0.00 | 167.19 | 163.61 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 3.58 | NP | 0.00 | 167.19 | 163.61 |
| 03/22/01 | 575 | <0.18 | 1.3 | <0.18 | <0.26 | *950 / 2,070 | 4.33 | NP | 0.00 | 167.19 | 162.86 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.10 | NP | 0.00 | 167.19 | 162.09 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.86 | NP | 0.00 | 167.19 | 161.33 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.81 | NP | 0.00 | 167.19 | 162.38 |
| 03/13/02 | - | - | - | - | - | - | 4.33 | NP | 0.00 | 167.19 | 162.86 |
| 06/12/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.86 | NP | 0.00 | 167.19 | 161.33 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.86 | NP | 0.00 | 167.19 | 161.33 |
| 12/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.48 | NP | 0.00 | 167.19 | 161.71 |
| 03/19/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 5.86 | NP | 0.00 | 167.19 | 161.33 |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 5.86 | NP | 0.00 | 167.19 | 161.33 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 5.48 | NP | 0.00 | 167.19 | 161.71 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 3.20 | NP | 0.00 | 166.61 | 163.41 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | 8.4 | 4.33 | NP | 0.00 | 166.61 | 162.28 |
| 06/09/04 | <15 | <0.14 | <0.16 | <0.18 | <0.45 | 8.4 | 4.32 | NP | 0.00 | 166.61 | 162.29 |
| 09/02/04 | 877 | 2.3 | 2.2 | 5.8 | 4.0 | *743 / 516 | 5.12 | NP | 0.00 | 166.61 | 161.49 |
| 12/08/04 | 194,000 | 1,960 | 26,900 | 4,660 | 23,200 | *10,700 / 13,000 | 3.65 | NP | 0.00 | 166.61 | 162.96 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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 #RE-3 | | | | | | | | | | | |
| <i>Screen Interval = 5 to 18 feet</i> | | | | | | | | | | | |
| 04/11/88 | 70,000 | 6,600 | 5,300 | 800 | 13,000 | - | - | - | - | - | - |
| 04/09/90 | 370,000 | 2,300 | 4,900 | 3,200 | 31,000 | - | 7.15 | NP | 0.00 | 167.39 | 160.24 |
| 10/30/90 | 13,000 | 860 | 660 | 220 | 2,210 | - | 7.84 | NP | 0.00 | 167.39 | 159.55 |
| 01/18/91 | 42,000 | 4,700 | 4,500 | 21 | 7,700 | - | 6.90 | NP | 0.00 | 167.39 | 160.49 |
| 02/12/91 | 72,000 | 3,600 | 4,500 | ND | 7,600 | - | 6.62 | NP | 0.00 | 167.39 | 160.77 |
| 03/20/91 | 65,000 | 2,400 | 9,400 | 50 | 9,800 | - | 5.87 | NP | 0.00 | 167.39 | 161.52 |
| 05/22/91 | - | - | - | - | - | - | 5.98 | FILM | 0.00 | 167.39 | 161.41 |
| 06/19/91 | - | - | - | - | - | - | 6.84 | FILM | 0.00 | 167.39 | 160.55 |
| 07/17/91 | - | - | - | - | - | - | 7.10 | FILM | 0.00 | 167.39 | 160.29 |
| 08/07/91 | - | - | - | - | - | - | 7.30 | FILM | 0.00 | 167.39 | 160.09 |
| 09/24/91 | - | - | - | - | - | - | 7.84 | FILM | 0.00 | 167.39 | 159.55 |
| 10/23/91 | - | - | - | - | - | - | 8.07 | FILM | 0.00 | 167.39 | 159.32 |
| 11/06/91 | - | - | - | - | - | - | 7.63 | FILM | 0.00 | 167.39 | 159.76 |
| 12/04/91 | - | - | - | - | - | - | 7.83 | FILM | 0.00 | 167.39 | 159.56 |
| 01/29/92 | - | - | - | - | - | - | 7.17 | FILM | 0.00 | 167.39 | 160.22 |
| 02/26/92 | - | - | - | - | - | - | 5.56 | FILM | 0.00 | 167.39 | 161.83 |
| 03/19/92 | - | - | - | - | - | - | 5.44 | FILM | 0.00 | 167.39 | 161.95 |
| 04/22/92 | - | - | - | - | - | - | 6.56 | FILM | 0.00 | 167.39 | 160.83 |
| 05/21/92 | - | - | - | - | - | - | 6.90 | FILM | 0.00 | 167.39 | 160.49 |
| 06/25/92 | - | - | - | - | - | - | 7.18 | FILM | 0.00 | 167.39 | 160.21 |
| 07/30/92 | - | - | - | - | - | - | 6.80 | FILM | 0.00 | 167.39 | 160.59 |
| 08/20/92 | - | - | - | - | - | - | 7.25 | FILM | 0.00 | 167.39 | 160.14 |
| 09/30/92 | - | - | - | - | - | - | 7.68 | FILM | 0.00 | 167.39 | 159.71 |
| 12/23/92 | - | - | - | - | - | - | 6.07 | FILM | 0.00 | 167.39 | 161.32 |
| 03/10/93 | - | - | - | - | - | - | 5.66 | FILM | 0.00 | 167.39 | 161.73 |
| 06/09/93 | - | - | - | - | - | - | 6.66 | FILM | 0.00 | 167.39 | 160.73 |
| 09/14/93 | 40,000 | 2,900 | 1,500 | 180 | 6,900 | - | 7.30 | NP | 0.00 | 167.39 | 160.09 |
| 12/14/93 | - | - | - | - | - | - | 5.95 | NP | 0.00 | 167.39 | 161.44 |
| 03/02/94 | - | - | - | - | - | - | 5.08 | NP | 0.00 | 167.39 | 162.31 |
| 06/06/94 | - | - | - | - | - | - | 6.35 | FILM | 0.00 | 167.39 | 161.04 |
| 09/06/94 | 11,000 | 260 | 26 | <6.6 | 1,000 | - | 7.50 | NP | 0.00 | 167.39 | 159.89 |
| 12/07/94 | - | - | - | - | - | - | 5.48 | FILM | 0.00 | 167.39 | 161.91 |
| 03/08/95 | - | - | - | - | - | - | 5.18 | FILM | 0.00 | 167.39 | 162.21 |
| 06/15/95 | - | - | - | - | - | - | - | - | - | - | - |
| 09/05/95 | - | - | - | - | - | - | 6.84 | FILM | 0.00 | 167.39 | 160.55 |
| 11/21/95 | 10,000 | 210 | <3 | 4.5 | 330 | - | 7.38 | NP | 0.00 | 167.39 | 160.01 |
| 03/11/96 | 1,600 | 640 | 15 | 10 | 46 | - | 4.85 | NP | 0.00 | 167.39 | 162.54 |

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 06/19/96 | 2,100 | 280 | <3 | <3 | 120 | - | 5.80 | NP | 0.00 | 167.39 | 161.59 |
| 09/16/96 | 140 | <0.3 | <0.3 | <0.3 | <0.5 | 110 | 4.50 | NP | 0.00 | 167.39 | 162.89 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 5.35 | NP | 0.00 | 167.39 | 162.04 |
| 03/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 3.48 | NP | 0.00 | 167.39 | 163.91 |
| 06/12/97 | <50 | <0.3 | <0.3 | <0.3 | 0.58 | <20 | - | - | - | - | - |
| 09/10/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 3.10 | NP | 0.00 | 167.39 | 164.29 |
| 12/09/97 | 3,600 | 1,000 | 1,000 | <6 | 570 | 260 | 4.55 | NP | 0.00 | 167.39 | 162.84 |
| 03/03/98 | 2,800 | 20 | 0.65 | 0.39 | 16 | 5,600 | 2.30 | NP | 0.00 | 167.39 | 165.09 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | - | - | - | - |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 23 | 4.95 | NP | 0.00 | 167.39 | 162.44 |
| 12/30/98 | <50 | 1.1 | <0.3 | <0.3 | <0.5 | <5 | 4.55 | NP | 0.00 | 167.39 | 162.84 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 4.15 | NP | 0.00 | 167.39 | 163.24 |
| 06/22/99 | 670 | 17 | 1.2 | 0.36 | 1.7 | 340 | 3.85 | NP | 0.00 | 167.39 | 163.54 |
| 09/08/99 | 140 | 0.72 | <0.3 | <0.3 | <0.5 | 230 | 2.63 | NP | 0.00 | 167.39 | 164.76 |
| 12/01/99 | 95 | <0.3 | <0.3 | <0.3 | <0.5 | 200 | 2.63 | NP | 0.00 | 167.39 | 164.76 |
| 03/23/00 | 315 | <0.25 | <0.25 | <0.25 | <0.5 | *293/422 | 2.25 | NP | 0.00 | 167.39 | 165.14 |
| 06/08/00 | <100 | <5 | <5 | <5 | <5 | 201 | 3.02 | NP | 0.00 | 167.39 | 164.37 |
| 09/27/00 | 154 | <0.18 | <0.14 | <0.18 | <0.26 | *254 / 160 | 3.01 | NP | 0.00 | 167.39 | 164.38 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | *124 / 111 | 3.02 | NP | 0.00 | 167.39 | 164.37 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | *90 / 57 | 4.54 | NP | 0.00 | 167.39 | 162.85 |
| 06/15/01 | 649 | 28 | 2.4 | 3.1 | 9 | *1,790 / 2,560 | 4.92 | NP | 0.00 | 167.39 | 162.47 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.80 | NP | 0.00 | 167.39 | 159.59 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.35 | NP | 0.00 | 167.39 | 160.04 |
| 03/13/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.53 | NP | 0.00 | 167.39 | 162.86 |
| 06/12/02 | 969 | <0.18 | 1.0 | <0.18 | <0.26 | 1,430 | 4.90 | NP | 0.00 | 167.39 | 162.49 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.28 | NP | 0.00 | 167.39 | 162.11 |
| 12/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.52 | NP | 0.00 | 167.39 | 162.87 |
| 03/19/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 5.67 | NP | 0.00 | 167.39 | 161.72 |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 5.67 | NP | 0.00 | 167.39 | 161.72 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 5.26 | NP | 0.00 | 167.39 | 162.13 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 2.59 | NP | 0.00 | 166.69 | 164.10 |
| 03/18/04 | 57 | <0.22 | 1.7J | <0.31 | <0.4 | 13 | 4.50 | NP | 0.00 | 166.69 | 162.19 |
| 06/09/04 | 7,950 | 39 | 21 | <1.8 | 20 | 4,590 | 5.85 | NP | 0.00 | 166.69 | 160.84 |
| 09/02/04 | 9,560 | 982 | 65 | 77 | 86 | *5,950 / 4,360 | 6.30 | NP | 0.00 | 166.69 | 160.39 |
| 12/08/04 | 233 | 1.3 | 3.9 | 1.7 | 2.6 | *72 / 80 | 4.48 | NP | 0.00 | 166.69 | 162.21 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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 #RE-1 | | | | | | | | | | | |
| <i>Screen Interval = 5 to 15 feet</i> | | | | | | | | | | | |
| 04/11/88 | 15,000 | 12,000 | 8,000 | 1,000 | 2,700 | - | - | - | - | - | - |
| 04/09/90 | - | - | - | - | - | - | - | - | - | - | - |
| 10/30/90 | 87,000 | 7,200 | 10,000 | 1,600 | 12,900 | - | 7.04 | NP | 0.00 | 166.94 | 159.90 |
| 01/18/91 | 70,000 | 5,000 | 5,400 | 790 | 9,900 | - | 11.62 | NP | 0.00 | 166.94 | 155.32 |
| 02/12/91 | 87,000 | 5,200 | 2,800 | 240 | 11,000 | - | 11.63 | NP | 0.00 | 166.94 | 155.31 |
| 03/20/91 | 6,500 | 370 | 230 | 17 | 670 | - | 11.61 | NP | 0.00 | 166.94 | 155.33 |
| 05/22/91 | - | - | - | - | - | - | 10.30 | FILM | 0.00 | 166.94 | 156.64 |
| 06/19/91 | - | - | - | - | - | - | 11.10 | FILM | 0.00 | 166.94 | 155.84 |
| 07/17/91 | - | - | - | - | - | - | 6.20 | FILM | 0.00 | 166.94 | 160.74 |
| 08/17/91 | - | - | - | - | - | - | 8.15 | FILM | 0.00 | 166.94 | 158.79 |
| 09/24/91 | - | - | - | - | - | - | 10.40 | FILM | 0.00 | 166.94 | 156.54 |
| 10/23/91 | - | - | - | - | - | - | 11.20 | FILM | 0.00 | 166.94 | 155.74 |
| 11/06/91 | - | - | - | - | - | - | 6.62 | FILM | 0.00 | 166.94 | 160.32 |
| 12/04/91 | - | - | - | - | - | - | 11.20 | ILM | 0.00 | 166.94 | 155.74 |
| 01/29/92 | - | - | - | - | - | - | 7.72 | FILM | 0.00 | 166.94 | 159.22 |
| 02/26/92 | - | - | - | - | - | - | 5.13 | FILM | 0.00 | 166.94 | 161.81 |
| 03/19/92 | - | - | - | - | - | - | 5.00 | FILM | 0.00 | 166.94 | 161.94 |
| 04/22/92 | - | - | - | - | - | - | 5.94 | FILM | 0.00 | 166.94 | 161.00 |
| 05/21/92 | - | - | - | - | - | - | 5.40 | FILM | 0.00 | 166.94 | 161.54 |
| 06/25/92 | - | - | - | - | - | - | 5.71 | FILM | 0.00 | 166.94 | 161.23 |
| 07/30/92 | - | - | - | - | - | - | 6.33 | FILM | 0.00 | 166.94 | 160.61 |
| 08/20/92 | - | - | - | - | - | - | 5.80 | FILM | 0.00 | 166.94 | 161.14 |
| 09/30/92 | - | - | - | - | - | - | 6.34 | FILM | 0.00 | 166.94 | 160.60 |
| 12/23/92 | - | - | - | - | - | - | 5.50 | FILM | 0.00 | 166.94 | 161.44 |
| 03/10/93 | - | - | - | - | - | - | 4.67 | FILM | 0.00 | 166.94 | 162.27 |
| 06/09/93 | - | - | - | - | - | - | 5.12 | FILM | 0.00 | 166.94 | 161.82 |
| 09/14/93 | - | - | - | - | - | - | 10.44 | NP | 0.00 | 166.94 | 156.50 |
| 12/14/93 | - | - | - | - | - | - | 7.52 | NP | 0.00 | 166.94 | 159.42 |
| 03/02/94 | - | - | - | - | - | - | 4.85 | NP | 0.00 | 166.94 | 162.09 |
| 06/06/94 | - | - | - | - | - | - | 5.20 | FILM | 0.00 | 166.94 | 161.74 |
| 09/06/94 | - | - | - | - | - | - | 9.85 | FILM | 0.00 | 166.94 | 157.09 |
| 12/07/94 | - | - | - | - | - | - | 5.20 | FILM | 0.00 | 166.94 | 161.74 |
| 03/08/95 | - | - | - | - | - | - | 4.98 | FILM | 0.00 | 166.94 | 161.96 |
| 06/15/95 | - | - | - | - | - | - | - | - | - | - | - |
| 09/05/95 | - | - | - | - | - | - | 13.72 | FILM | 0.00 | 166.94 | 153.22 |
| 11/21/95 | 32,000 | 46 | 21 | 66 | 340 | - | 12.53 | NP | 0.00 | 166.94 | 154.41 |
| 03/11/96 | 1,700 | 130 | 15 | 2.0 | 120 | - | 4.72 | NP | 0.00 | 166.94 | 162.22 |

TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 06/19/96 | 1,700 | 230 | 30 | 0.35 | 100 | - | 5.40 | NP | 0.00 | 166.94 | 161.54 |
| 09/16/96 | 510 | <0.3 | 0.73 | <0.3 | <0.5 | 800 | 5.18 | NP | 0.00 | 166.94 | 161.76 |
| 12/10/96 | 520 | <0.3 | <0.3 | <0.3 | <0.5 | 1,000 | 4.65 | NP | 0.00 | 166.94 | 162.29 |
| 03/12/97 | 420 | 3.2 | <0.3 | <0.3 | 11 | 370 | 3.87 | NP | 0.00 | 166.94 | 163.07 |
| 06/12/97 | 510 | 0.66 | <0.3 | <0.3 | <0.5 | 1,600 | - | - | - | - | - |
| 09/10/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 5.40 | NP | 0.00 | 166.94 | 161.54 |
| 12/09/97 | 1,400 | 330 | 2.3 | <0.3 | 1.5 | 2,500 | 4.60 | NP | 0.00 | 166.94 | 162.34 |
| 03/03/98 | 3,000 | 400 | 0.61 | 0.5 | 97 | 3,800 | 5.05 | NP | 0.00 | 166.94 | 161.89 |
| 07/08/98 | 650 | <0.3 | <0.3 | <0.3 | <0.5 | 1,800 | - | - | - | - | - |
| 09/10/98 | 2,700 | <0.3 | <0.3 | <0.3 | 1.4 | 7,600 | 4.60 | NP | 0.00 | 166.94 | 162.34 |
| 12/30/98 | 530 | <0.3 | <0.3 | <0.3 | <0.5 | 1,500 | 4.20 | NP | 0.00 | 166.94 | 162.74 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 3.85 | NP | 0.00 | 166.94 | 163.09 |
| 06/22/99 | 1,200 | 23 | 1.5 | <0.3 | 2.4 | 1,400 | 3.90 | NP | 0.00 | 166.94 | 163.04 |
| 09/08/99 | 590 | 1.5 | <0.6 | <0.6 | <1 | 1,100 | 5.72 | NP | 0.00 | 166.94 | 161.22 |
| 12/01/99 | 540 | <0.3 | <0.3 | <0.3 | <0.5 | 880 | 5.34 | NP | 0.00 | 166.94 | 161.60 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | 5.36 | NP | 0.00 | 166.94 | 161.58 |
| 06/08/00 | 67 | <5 | <5 | <5 | <5 | <5 | 5.34 | NP | 0.00 | 166.94 | 161.60 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.35 | NP | 0.00 | 166.94 | 161.59 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.71 | NP | 0.00 | 166.94 | 161.23 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.19 | NP | 0.00 | 166.94 | 162.75 |
| 06/15/01 | 409 | 18 | 2 | 2 | 5 | *1,060 / 1,480 | 4.57 | NP | 0.00 | 166.94 | 162.37 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 6.10 | NP | 0.00 | 166.94 | 160.84 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | 3 | *7 / 3.7 | 4.95 | NP | 0.00 | 166.94 | 161.99 |
| 03/13/02 | 511 | 3 | 3 | <0.18 | 2 | 519 | 4.17 | NP | 0.00 | 166.94 | 162.77 |
| 06/12/02 | 380 | 2 | 2 | 1 | 2 | 479 | 4.93 | NP | 0.00 | 166.94 | 162.01 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.32 | NP | 0.00 | 166.94 | 161.62 |
| 12/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.93 | NP | 0.00 | 166.94 | 162.01 |
| 03/19/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 5.32 | NP | 0.00 | 166.94 | 161.62 |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 5.32 | NP | 0.00 | 166.94 | 161.62 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 4.93 | NP | 0.00 | 166.94 | 162.01 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 4.93 | NP | 0.00 | 166.23 | 161.30 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | 1.1 | 4.93 | NP | 0.00 | 166.23 | 161.30 |
| 06/09/04 | <15 | <0.14 | <0.16 | <0.18 | <0.45 | <0.22 | 4.56 | NP | 0.00 | 166.23 | 161.67 |
| 09/02/04 | 6,390 | 587 | 50 | 34 | 65 | *4,150 / 2,650 | 6.00 | NP | 0.00 | 166.23 | 160.23 |
| 12/08/04 | 278,000 | 4,680 | 44,900 | 4,850 | 29,000 | *54,800 / 43,400 | 4.93 | NP | 0.00 | 166.23 | 161.30 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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 #RE-5 | | | | | | | | | | | |
| <i>Screen Interval = 5 to 20 feet</i> | | | | | | | | | | | |
| 04/11/88 | 14,000 | 1,300 | 1,100 | 100 | 2,600 | - | - | - | - | - | - |
| 04/09/90 | 3,000 | 690 | 190 | 40 | 270 | - | 4.79 | NP | 0.00 | 166.51 | 161.72 |
| 10/30/90 | 3,400 | 910 | 48 | 87 | 249 | - | 5.86 | NP | 0.00 | 166.51 | 160.65 |
| 01/18/91 | 1,400 | 180 | 8.6 | 0.52 | 48 | - | 4.40 | NP | 0.00 | 166.51 | 162.11 |
| 02/12/91 | 1,000 | ND | ND | 0.65 | ND | - | 4.76 | NP | 0.00 | 166.51 | 161.75 |
| 03/20/91 | 3,000 | 250 | 53 | ND | 110 | - | 5.08 | NP | 0.00 | 166.51 | 161.43 |
| 05/22/91 | 2,500 | 330 | 7.8 | 5.6 | 200 | - | 4.52 | NP | 0.00 | 166.51 | 161.99 |
| 01/19/91 | 2,000 | 59 | 1.6 | 5.1 | 110 | - | 4.39 | NP | 0.00 | 166.51 | 162.12 |
| 07/17/91 | - | - | - | - | - | - | 5.05 | FILM | 0.00 | 166.51 | 161.46 |
| 08/07/91 | - | - | - | - | - | - | 5.02 | FILM | 0.00 | 166.51 | 161.49 |
| 09/24/91 | - | - | - | - | - | - | 5.86 | FILM | 0.00 | 166.51 | 160.65 |
| 10/23/91 | - | - | - | - | - | - | 5.84 | FILM | 0.00 | 166.51 | 160.67 |
| 11/06/91 | 9,900 | 2,300 | 37 | 260 | 160 | - | 5.48 | NP | 0.00 | 166.51 | 161.03 |
| 12/04/91 | 4,500 | 1,000 | 27 | ND | 180 | - | 5.43 | NP | 0.00 | 166.51 | 161.08 |
| 01/29/92 | 600 | 6.1 | 2.3 | ND | 47 | - | 5.12 | NP | 0.00 | 166.51 | 161.39 |
| 02/26/92 | 500 | 5.4 | 2.7 | 1.2 | 14 | - | 4.93 | NP | 0.00 | 166.51 | 161.58 |
| 03/19/92 | ND | 1.7 | 1.1 | ND | 5.5 | - | 4.45 | NP | 0.00 | 166.51 | 162.06 |
| 04/22/92 | 1,600 | 240 | 2.2 | ND | 160 | - | 4.63 | NP | 0.00 | 166.51 | 161.88 |
| 05/21/92 | 1,200 | 410 | 37 | ND | 118 | - | 4.90 | NP | 0.00 | 166.51 | 161.61 |
| 06/25/92 | ND | 1.0 | 0.8 | 0.8 | 0.4 | - | 5.15 | NP | 0.00 | 166.51 | 161.36 |
| 07/30/92 | ND | 2.0 | 1.8 | 1.9 | 6.4 | - | 5.30 | NP | 0.00 | 166.51 | 161.21 |
| 08/20/92 | 300 | 1.7 | 3.3 | 0.7 | 12 | - | 5.44 | NP | 0.00 | 166.51 | 161.07 |
| 09/30/92 | 1,900 | 140 | ND | 19 | 35 | - | 5.73 | NP | 0.00 | 166.51 | 160.78 |
| 12/23/92 | 400 | 8.0 | ND | ND | ND | - | 4.75 | NP | 0.00 | 166.51 | 161.76 |
| 03/10/93 | 1,100 | 290 | 9.7 | ND | 75 | - | 4.14 | NP | 0.00 | 166.51 | 162.37 |
| 06/09/93 | 400 | 1.5 | 0.5 | ND | 12 | - | 5.42 | NP | 0.00 | 166.51 | 161.09 |
| 09/14/93 | 240 | 6.9 | 8.8 | 1.4 | 67 | - | 5.53 | NP | 0.00 | 166.51 | 160.98 |
| 12/14/93 | 3,300 | 510 | 5.4 | 4.1 | 55 | - | 4.78 | NP | 0.00 | 166.51 | -311.49 |
| 03/02/94 | 2,400 | 270 | 4.5 | <0.3 | 13 | - | 4.20 | NP | 0.00 | 166.51 | 162.31 |
| 06/06/94 | 730 | <0.3 | <0.3 | 0.70 | 22 | - | 5.13 | NP | 0.00 | 166.51 | 161.38 |
| 09/06/94 | 2,400 | 180 | 28 | 2.3 | 76 | - | 5.45 | NP | 0.00 | 166.51 | 161.06 |
| 12/07/94 | 540 | 5.6 | <0.3 | <0.5 | 6.9 | - | 4.13 | NP | 0.00 | 166.51 | 162.38 |
| 03/08/95 | 1,500 | 220 | 5.5 | <0.5 | 83 | - | 5.20 | NP | 0.00 | 166.51 | 161.31 |
| 06/15/95 | 3,200 | 820 | 53 | 6.2 | 74 | - | 4.93 | NP | 0.00 | 166.51 | 161.58 |
| 09/05/95 | 4,400 | 440 | 22 | <2.5 | 57 | - | 5.03 | NP | 0.00 | 166.51 | 161.48 |
| 11/21/95 | 660 | 3.4 | <0.3 | <0.3 | 0.6 | - | 5.23 | NP | 0.00 | 166.51 | 161.28 |
| 03/11/96 | 1,000 | 76 | 2.2 | <0.3 | 130 | - | 4.16 | NP | 0.00 | 166.51 | 162.35 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 06/09/96 | 90 | <0.3 | <0.3 | <0.3 | <0.5 | - | 5.42 | NP | 0.00 | 166.51 | 161.09 |
| 09/16/96 | 1,900 | 5.8 | <0.3 | <0.3 | 5.9 | 1,100 | 5.20 | NP | 0.00 | 166.51 | 161.31 |
| 12/10/96 | 740 | <0.3 | <0.3 | <0.3 | <0.5 | 1,300 | 5.27 | NP | 0.00 | 166.51 | 161.24 |
| 03/12/97 | 2,000 | 600 | 59 | 5.1 | 54 | 1,300 | 3.85 | NP | 0.00 | 166.51 | 162.66 |
| 06/12/97 | 230 | <0.3 | <0.3 | <0.3 | <0.5 | 720 | - | - | - | - | - |
| 09/10/97 | 210 | <0.3 | <0.3 | <0.3 | <0.5 | 210 | 4.10 | NP | 0.00 | 166.51 | 162.41 |
| 12/09/97 | 11,000 | 2,500 | 2,700 | <6 | 1,500 | 510 | 5.20 | NP | 0.00 | 166.51 | 161.31 |
| 03/03/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 3.70 | NP | 0.00 | 166.51 | 162.81 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | - | - | - | - |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 6.77 | NP | 0.00 | 166.51 | 159.74 |
| 12/30/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 5.95 | NP | 0.00 | 166.51 | 160.56 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 5.25 | NP | 0.00 | 166.51 | 161.26 |
| 06/22/99 | 110 | <0.3 | <0.3 | <0.3 | <0.5 | 200 | 4.50 | NP | 0.00 | 166.51 | 162.01 |
| 09/08/99 | 68 | <0.3 | <0.3 | <0.3 | <0.5 | 110 | 4.43 | NP | 0.00 | 166.51 | 162.08 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 3.66 | NP | 0.00 | 166.51 | 162.85 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | 4.06 | NP | 0.00 | 166.51 | 162.45 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | <5 | 4.43 | NP | 0.00 | 166.51 | 162.08 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.06 | NP | 0.00 | 166.51 | 162.45 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.80 | NP | 0.00 | 166.51 | 161.71 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 6.33 | NP | 0.00 | 166.51 | 160.18 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.79 | NP | 0.00 | 166.51 | 161.72 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.54 | NP | 0.00 | 166.51 | 160.97 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.21 | NP | 0.00 | 166.51 | 161.30 |
| 03/13/02 | - | - | - | - | - | - | 6.32 | NP | 0.00 | 166.51 | 160.19 |
| 06/12/02 | - | - | - | - | - | - | - | - | - | - | - |
| 09/18/02 | - | - | - | - | - | - | - | - | - | - | - |
| 12/18/02 | - | - | - | - | - | - | - | - | - | - | - |
| 03/19/03 | - | - | - | - | - | - | - | - | - | - | - |
| 06/11/03 | - | - | - | - | - | - | - | - | - | - | - |
| 09/04/03 | - | - | - | - | - | - | - | - | - | - | - |
| 12/04/03 | - | - | - | - | - | - | 3.67 | NP | 0.00 | 166.56 | 162.89 |
| 03/18/04 | - | - | - | - | - | - | 5.20 | NP | 0.00 | 166.56 | 161.36 |
| 06/09/04 | - | - | - | - | - | - | 4.61 | NP | 0.00 | 166.56 | 161.95 |
| 09/02/04 | - | - | - | - | - | - | 4.93 | NP | 0.00 | 166.56 | 161.63 |
| 12/08/04 | - | - | - | - | - | - | 4.06 | NP | 0.00 | 166.56 | 162.50 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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 WRE-6 | | | | | | | | | | | |
| <i>Screen Interval = 5 to 15 feet</i> | | | | | | | | | | | |
| 04/11/88 | 6,000 | 3,000 | 40 | 80 | 140 | - | - | - | - | - | - |
| 04/09/90 | 3,000 | 990 | ND | 70 | ND | - | 5.64 | NP | 0.00 | 166.51 | 160.87 |
| 10/30/90 | 3,400 | 1,000 | 28 | ND | ND | - | 6.68 | NP | 0.00 | 166.51 | 159.83 |
| 01/18/91 | 6,300 | 1,200 | ND | 3.0 | 15 | - | 6.61 | NP | 0.00 | 166.51 | 159.90 |
| 02/12/91 | 5,200 | 850 | 8.4 | 4.9 | 41 | - | 6.20 | NP | 0.00 | 166.51 | 160.31 |
| 03/20/91 | 5,800 | 680 | 12 | 8.0 | 16 | - | 5.62 | NP | 0.00 | 166.51 | 160.89 |
| 05/22/91 | 8,500 | 1,700 | 14 | 24 | 6.7 | - | 6.05 | NP | 0.00 | 166.51 | 160.46 |
| 06/19/91 | - | - | - | - | - | - | 6.12 | FILM | 0.00 | 166.51 | 160.39 |
| 07/17/91 | 120,000 | 9,300 | 13,000 | 2,400 | 16,000 | - | 6.20 | NP | 0.00 | 166.51 | 160.31 |
| 08/07/91 | - | 590 | 5.3 | ND | 14 | - | 6.27 | NP | 0.00 | 166.51 | 160.24 |
| 09/24/91 | 7,000 | 310 | 11 | 5.3 | 35 | - | 6.63 | NP | 0.00 | 166.51 | 159.88 |
| 10/23/91 | - | - | - | - | - | - | 6.36 | FILM | 0.00 | 166.51 | 160.15 |
| 11/06/91 | 4,000 | 710 | 18 | 29 | 49 | - | 6.15 | NP | 0.00 | 166.51 | 160.36 |
| 12/04/91 | 4,100 | 1,100 | 14 | 33 | 39 | - | 6.19 | NP | 0.00 | 166.51 | 160.32 |
| 01/29/92 | 2,600 | 790 | 14 | ND | 49 | - | 6.70 | NP | 0.00 | 166.51 | 159.81 |
| 02/26/92 | 3,100 | 950 | 21 | 30 | 33 | - | 5.44 | NP | 0.00 | 166.51 | 161.07 |
| 03/19/92 | 2,200 | 630 | 14 | 12 | 40 | - | 5.30 | NP | 0.00 | 166.51 | 161.21 |
| 04/22/92 | - | 730 | 2.2 | ND | 40 | - | 6.00 | NP | 0.00 | 166.51 | 160.51 |
| 05/21/92 | 1,500 | 840 | 7.8 | 7.1 | 34 | - | 6.25 | NP | 0.00 | 166.51 | 160.26 |
| 06/25/92 | <2000 | 740 | 8.0 | 27 | 28 | - | 6.38 | NP | 0.00 | 166.51 | 160.13 |
| 07/30/92 | - | - | - | - | - | - | 6.42 | FILM | 0.00 | 166.51 | 160.09 |
| 08/20/92 | 2,800 | 630 | 17 | 23 | 22 | - | 6.50 | NP | 0.00 | 166.51 | 160.01 |
| 09/30/92 | 7,800 | 540 | ND | 12 | 29 | - | 6.66 | NP | 0.00 | 166.51 | 159.85 |
| 12/23/92 | 1,800 | 350 | ND | 7.7 | 11 | - | 5.83 | NP | 0.00 | 166.51 | 160.68 |
| 03/10/93 | 3,000 | 830 | 5.6 | 19 | 16 | - | 5.63 | NP | 0.00 | 166.51 | 160.88 |
| 06/09/93 | 4,800 | 920 | 6.2 | 3.2 | 12 | - | 6.01 | NP | 0.00 | 166.51 | 160.50 |
| 09/14/93 | 3,600 | 660 | 7.5 | 11 | 27 | - | 6.53 | NP | 0.00 | 166.51 | 159.98 |
| 12/14/93 | 1,500 | 200 | <0.3 | <0.3 | 8.8 | - | 3.58 | NP | 0.00 | 166.51 | 162.93 |
| 03/02/94 | - | - | - | - | - | - | 5.12 | NP | 0.00 | 166.51 | 161.39 |
| 06/06/94 | 2,400 | 290 | 4.6 | 1.3 | 24 | - | 1.85 | NP | 0.00 | 166.51 | 164.66 |
| 09/06/94 | 4,300 | 230 | 21 | <6.6 | 130 | - | 6.40 | NP | 0.00 | 166.51 | 160.11 |
| 12/07/94 | 1,500 | 17 | 2.5 | 3.2 | 22 | - | 5.68 | NP | 0.00 | 166.51 | 160.83 |
| 03/08/95 | 2,500 | 460 | 5.5 | 2.1 | 51 | - | 5.12 | NP | 0.00 | 166.51 | 161.39 |
| 06/15/95 | 2,300 | 91 | 1.1 | 0.7 | 97 | - | 5.72 | NP | 0.00 | 166.51 | 160.79 |
| 09/05/95 | 3,300 | 60 | <10 | <10 | 74 | - | 5.94 | NP | 0.00 | 166.51 | 160.57 |
| 11/21/95 | 2,000 | 7.3 | <0.3 | 0.56 | 8.7 | - | 6.24 | NP | 0.00 | 166.51 | 160.27 |
| 03/11/96 | 840 | 43 | 0.96 | 5.7 | 14 | - | 5.16 | NP | 0.00 | 166.51 | 161.35 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | MIBB (ug/L) | | | | | |
| 06/19/96 | 1,800 | 160 | 2.7 | 9.9 | 25 | - | 5.80 | NP | 0.00 | 166.51 | 160.71 |
| 09/16/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 5.38 | NP | 0.00 | 166.51 | 161.13 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 5.62 | NP | 0.00 | 166.51 | 160.89 |
| 03/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 5.20 | NP | 0.00 | 166.51 | 161.31 |
| 06/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | - | - | - | - |
| 09/10/97 | 440 | <0.3 | <0.3 | <0.3 | <0.5 | 320 | 5.20 | NP | 0.00 | 166.51 | 161.31 |
| 12/09/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 5.97 | NP | 0.00 | 166.51 | 160.54 |
| 03/03/98 | 400 | 7.0 | <0.3 | <0.3 | 4.3 | 65 | 4.45 | NP | 0.00 | 166.51 | 162.06 |
| 07/08/98 | 300 | <0.3 | <0.3 | <0.3 | 1.0 | 35 | - | - | - | - | - |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 5.90 | NP | 0.00 | 166.51 | 160.61 |
| 12/30/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 5.20 | NP | 0.00 | 166.51 | 161.31 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 8.4 | 4.82 | NP | 0.00 | 166.51 | 161.69 |
| 06/22/99 | 700 | 11 | 1.9 | <0.3 | 3.9 | 140 | 6.00 | NP | 0.00 | 166.51 | 160.51 |
| 09/08/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 5.15 | NP | 0.00 | 166.51 | 161.36 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 12 | 4.02 | NP | 0.00 | 166.51 | 162.49 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | 4.41 | NP | 0.00 | 166.51 | 162.10 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | <5 | 4.78 | NP | 0.00 | 166.51 | 161.73 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.78 | NP | 0.00 | 166.51 | 161.73 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 4.77 | NP | 0.00 | 166.51 | 161.74 |
| 03/22/01 | 367 | <0.18 | <0.14 | <0.18 | <0.26 | *581 / 674 | 5.54 | NP | 0.00 | 166.51 | 160.97 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.92 | NP | 0.00 | 166.51 | 160.59 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.93 | NP | 0.00 | 166.51 | 160.58 |
| 12/12/01 | 138 | <0.18 | <0.14 | <0.18 | <0.26 | *7 / <0.6 | 6.20 | NP | 0.00 | 166.51 | 160.31 |
| 03/13/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.55 | NP | 0.00 | 166.51 | 160.96 |
| 06/12/02 | 895 | <0.18 | 1.0 | <0.18 | <0.26 | 1,360 | 5.93 | NP | 0.00 | 166.51 | 160.58 |
| 09/18/02 | 759 | <0.18 | <0.14 | <0.18 | <0.26 | 644 | 6.03 | NP | 0.00 | 166.51 | 160.48 |
| 12/18/02 | 531 | <0.18 | <0.14 | <0.18 | <0.26 | 441 | 5.65 | NP | 0.00 | 166.51 | 160.86 |
| 03/19/03 | 955 | <0.04 | <0.02 | <0.02 | <0.06 | 585 | 6.34 | NP | 0.00 | 166.51 | 160.17 |
| 06/11/03 | 945 | <0.04 | <0.02 | <0.02 | <0.06 | 328 | 6.34 | NP | 0.00 | 166.51 | 160.17 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 5.92 | NP | 0.00 | 166.51 | 160.59 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 4.00 | NP | 0.00 | 166.15 | 162.15 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 5.54 | NP | 0.00 | 166.15 | 160.61 |
| 06/10/04 | 340 | 2.6 | 1.5 | <0.18 | 1.8 | 283 | 6.12 | NP | 0.00 | 166.15 | 160.03 |
| 09/02/04 | 1,720 | 4.9 | 8.2 | 8.7 | 7.7 | *633 / 410 | 6.50 | NP | 0.00 | 166.15 | 159.65 |
| 12/09/04 | 297,000 | 1,620 | 38,500 | 9,470 | 56,000 | *6,660 / 8,870 | 4.48 | NP | 0.00 | 166.15 | 161.67 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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 #RE-7 | | | | | | | | | | | |
| <i>Screen Interval = 5 to 15 feet</i> | | | | | | | | | | | |
| 04/11/88 | <50,000 | 17,000 | 4,400 | 600 | 8,400 | - | - | - | - | - | - |
| 04/09/90 | 16,000 | 7,000 | 1,200 | 640 | 1,600 | - | 5.93 | NP | 0.00 | 166.04 | 160.11 |
| 10/30/90 | 31,000 | 14,000 | ND | ND | ND | - | 8.21 | NP | 0.00 | 166.04 | 157.83 |
| 01/18/91 | - | - | - | - | - | - | 11.80 | NP | 0.00 | 166.04 | 154.24 |
| 02/12/91 | - | - | - | - | - | - | 10.80 | FILM | 0.00 | 166.04 | 155.24 |
| 03/20/91 | 120,000 | 12,000 | 2,800 | 490 | 6,600 | - | 9.96 | NP | 0.00 | 166.04 | 156.08 |
| 05/22/91 | - | - | - | - | - | - | 11.70 | FILM | 0.00 | 166.04 | 154.34 |
| 06/19/91 | - | - | - | - | - | - | 11.50 | FILM | 0.00 | 166.04 | 154.54 |
| 07/17/91 | - | - | - | - | - | - | 7.80 | FILM | 0.00 | 166.04 | 158.24 |
| 08/07/91 | - | - | - | - | - | - | 9.88 | 0.03 | 9.85 | 166.04 | 163.60 |
| 09/24/91 | - | - | - | - | - | - | 9.85 | 0.03 | 9.82 | 166.04 | 163.60 |
| 10/23/91 | - | - | - | - | - | - | 9.96 | FILM | 0.00 | 166.04 | 156.08 |
| 11/06/91 | - | - | - | - | - | - | 6.77 | FILM | 0.00 | 166.04 | 159.27 |
| 12/04/91 | - | - | - | - | - | - | 10.80 | FILM | 0.00 | 166.04 | 155.24 |
| 01/29/92 | - | - | - | - | - | - | 8.64 | FILM | 0.00 | 166.04 | 157.40 |
| 02/26/92 | - | - | - | - | - | - | 6.00 | FILM | 0.00 | 166.04 | 160.04 |
| 03/19/92 | - | - | - | - | - | - | 5.55 | FILM | 0.00 | 166.04 | 160.49 |
| 04/22/92 | - | - | - | - | - | - | 6.12 | FILM | 0.00 | 166.04 | 159.92 |
| 05/21/92 | - | - | - | - | - | - | 6.40 | FILM | 0.00 | 166.04 | 159.64 |
| 06/25/92 | - | - | - | - | - | - | 6.73 | 0.02 | 6.71 | 166.04 | 164.38 |
| 07/30/92 | - | - | - | - | - | - | 6.73 | FILM | 0.00 | 166.04 | 159.31 |
| 08/20/92 | - | - | - | - | - | - | 6.82 | FILM | 0.00 | 166.04 | 159.22 |
| 09/30/92 | - | - | - | - | - | - | 7.26 | FILM | 0.00 | 166.04 | 158.78 |
| 12/23/92 | - | - | - | - | - | - | 6.22 | FILM | 0.00 | 166.04 | 159.82 |
| 03/10/93 | - | - | - | - | - | - | 5.82 | FILM | 0.00 | 166.04 | 160.22 |
| 06/09/93 | - | - | - | - | - | - | 6.17 | FILM | 0.00 | 166.04 | 159.87 |
| 09/14/93 | - | - | - | - | - | - | 11.33 | NP | 0.00 | 166.04 | 154.71 |
| 12/14/93 | - | - | - | - | - | - | 8.40 | NP | 0.00 | 166.04 | 157.64 |
| 03/02/94 | - | - | - | - | - | - | 6.82 | NP | 0.00 | 166.04 | 159.22 |
| 06/06/94 | - | - | - | - | - | - | 10.95 | FILM | 0.00 | 166.04 | 155.09 |
| 09/06/94 | - | - | - | - | - | - | 11.30 | FILM | 0.00 | 166.04 | 154.74 |
| 12/07/94 | - | - | - | - | - | - | 5.63 | FILM | 0.00 | 166.04 | 160.41 |
| 03/08/95 | - | - | - | - | - | - | 5.06 | FILM | 0.00 | 166.04 | 160.98 |
| 06/15/95 | - | - | - | - | - | - | - | - | - | - | - |
| 09/05/95 | - | - | - | - | - | - | 7.98 | FILM | 0.00 | 166.04 | 158.06 |
| 11/21/95 | 20,000 | 8,800 | 110 | <30 | 310 | - | 7.32 | NP | 0.00 | 166.04 | 158.72 |
| 03/11/96 | 4,800 | 2,200 | 38 | 26 | 120 | - | 5.62 | NP | 0.00 | 166.04 | 160.42 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 06/19/96 | 4,400 | 3,300 | 49 | 5.8 | 70 | - | 6.40 | NP | 0.00 | 166.04 | 159.64 |
| 09/19/96 | 7,200 | 510 | 83 | <0.3 | 710 | 130 | 6.20 | NP | 0.00 | 166.04 | 159.84 |
| 12/10/96 | 700 | <0.3 | <0.3 | <0.3 | <0.5 | 1,400 | 5.92 | NP | 0.00 | 166.04 | 160.12 |
| 03/12/97 | 660 | 0.31 | <0.3 | <0.3 | <0.5 | 1,400 | 5.62 | NP | 0.00 | 166.04 | 160.42 |
| 06/12/97 | 320 | <0.3 | 0.45 | <0.3 | <0.5 | 850 | - | - | - | - | - |
| 09/10/97 | 780 | <0.3 | <0.3 | <0.3 | <0.5 | 930 | 7.45 | NP | 0.00 | 166.04 | 158.59 |
| 12/09/97 | 14,000 | 3,500 | 3,700 | <15 | 2,100 | 1,100 | 7.10 | NP | 0.00 | 166.04 | 158.94 |
| 03/03/98 | 6,100 | 2,500 | 18 | <6 | 110 | 270 | 6.70 | NP | 0.00 | 166.04 | 159.34 |
| 07/08/98 | 1,300 | 8.7 | <0.3 | <0.3 | <0.5 | 350 | - | - | - | - | - |
| 09/10/98 | 690 | 2.2 | <0.3 | <0.3 | <0.5 | 350 | 7.04 | NP | 0.00 | 166.04 | 159.00 |
| 12/30/98 | 600 | 2.0 | 0.55 | <0.3 | <0.5 | 350 | 6.25 | NP | 0.00 | 166.04 | 159.79 |
| 03/15/99 | 350 | 0.71 | <0.3 | <0.3 | <0.5 | 140 | 6.02 | NP | 0.00 | 166.04 | 160.02 |
| 06/22/99 | 5,900 | 2,100 | 16 | 4.6 | 48 | 170 | 6.35 | NP | 0.00 | 166.04 | 159.69 |
| 09/08/99 | 1,700 | 380 | <3 | <3 | 13 | 160 | 7.03 | NP | 0.00 | 166.04 | 159.01 |
| 12/01/99 | 930 | 3.7 | <0.3 | <0.3 | <0.5 | 390 | 6.25 | NP | 0.00 | 166.04 | 159.79 |
| 03/23/00 | 581 | 5.4 | 5.3 | 1.9 | 7.3 | *168/183 | 6.24 | NP | 0.00 | 166.04 | 159.80 |
| 06/08/00 | <100 | <5 | <5 | <5 | <5 | 74 | 6.64 | NP | 0.00 | 166.04 | 159.40 |
| 09/27/00 | 236 | <0.18 | <0.14 | <0.18 | <0.26 | *21 / 28 | 7.03 | NP | 0.00 | 166.04 | 159.01 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | *13 / 19.8 | 6.63 | NP | 0.00 | 166.04 | 159.41 |
| 03/22/01 | 504 | <0.18 | <0.14 | <0.18 | 1 | *666 / 1,420 | 7.02 | NP | 0.00 | 166.04 | 159.02 |
| 06/15/01 | 144 | 5.0 | <0.14 | 0.5 | 2 | *369 / 408 | 7.02 | NP | 0.00 | 166.04 | 159.02 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.79 | NP | 0.00 | 166.04 | 158.25 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.28 | NP | 0.00 | 166.04 | 158.76 |
| 03/13/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 6.02 | NP | 0.00 | 166.04 | 160.02 |
| 06/12/02 | 5,130 | 772 | 970 | 59 | 550 | 113 | 7.79 | NP | 0.00 | 166.04 | 158.25 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.40 | NP | 0.00 | 166.04 | 158.64 |
| 12/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 6.63 | NP | 0.00 | 166.04 | 159.41 |
| 03/19/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 7.40 | NP | 0.00 | 166.04 | 158.64 |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | 8.3 | 7.40 | NP | 0.00 | 166.04 | 158.64 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 7.39 | NP | 0.00 | 166.04 | 158.65 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 6.63 | NP | 0.00 | 165.33 | 158.70 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 6.63 | NP | 0.00 | 165.33 | 158.70 |
| 06/10/04 | 14,500 | 348 | 1,460 | 306 | 3,070 | 207 | 6.20 | NP | 0.00 | 165.33 | 159.13 |
| 09/02/04 | 35,900 | 2,390 | 174 | 1,250 | 8,020 | *419 / 274 | 7.05 | NP | 0.00 | 165.33 | 158.28 |
| 12/08/04 | 276,000 | 4,380 | 34,800 | 5,370 | 25,000 | *59,600 / 70,500 | 3.80 | NP | 0.00 | 165.33 | 161.53 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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 #RS-8 | | | | | | | | | | | |
| <i>Screen Interval = 5 to 25 feet</i> | | | | | | | | | | | |
| 08/07/91 | ND | ND | ND | ND | ND | - | 9.68 | NP | 0.00 | 164.32 | 154.64 |
| 09/27/91 | ND | ND | ND | ND | ND | - | 9.89 | NP | 0.00 | 164.32 | 154.43 |
| 10/23/91 | ND | ND | ND | ND | ND | - | 10.05 | NP | 0.00 | 164.32 | 154.27 |
| 11/06/91 | ND | ND | ND | ND | ND | - | 9.71 | NP | 0.00 | 164.32 | 154.61 |
| 12/04/91 | ND | ND | ND | ND | ND | - | 10.00 | NP | 0.00 | 164.32 | 154.32 |
| 01/29/92 | ND | 2.1 | 1.0 | 2.5 | 3.6 | - | 9.28 | NP | 0.00 | 164.32 | 155.04 |
| 02/26/92 | ND | ND | 0.7 | ND | 0.7 | - | 7.05 | NP | 0.00 | 164.32 | 157.27 |
| 03/19/92 | ND | 0.5 | 1.0 | 1.5 | 2.7 | - | 7.30 | NP | 0.00 | 164.32 | 157.02 |
| 04/22/92 | ND | ND | ND | ND | ND | - | 8.60 | NP | 0.00 | 164.32 | 155.72 |
| 05/21/92 | ND | ND | ND | ND | ND | - | 9.22 | NP | 0.00 | 164.32 | 155.10 |
| 06/25/92 | ND | ND | ND | ND | ND | - | 9.49 | NP | 0.00 | 164.32 | 154.83 |
| 07/30/92 | ND | 1.1 | 4.2 | ND | 3.0 | - | 9.55 | NP | 0.00 | 164.32 | 154.77 |
| 08/20/92 | ND | 2.0 | 4.7 | ND | 5.7 | - | 9.63 | NP | 0.00 | 164.32 | 154.69 |
| 09/30/92 | ND | ND | ND | ND | ND | - | 9.90 | NP | 0.00 | 164.32 | 154.42 |
| 12/23/92 | ND | ND | ND | ND | ND | - | 9.96 | NP | 0.00 | 164.32 | 154.36 |
| 05/10/93 | ND | ND | ND | ND | ND | - | 8.95 | NP | 0.00 | 164.32 | 155.37 |
| 06/09/93 | ND | ND | ND | ND | ND | - | 9.00 | NP | 0.00 | 164.32 | 155.32 |
| 09/14/93 | 200 | 0.3 | ND | ND | ND | - | 9.50 | NP | 0.00 | 164.32 | 154.82 |
| 12/14/93 | ND | ND | ND | ND | ND | - | 8.75 | NP | 0.00 | 164.32 | 155.57 |
| 03/02/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 7.52 | NP | 0.00 | 164.32 | 156.80 |
| 06/06/94 | 54 | <0.3 | <0.3 | <0.3 | 2.4 | - | 9.00 | NP | 0.00 | 164.32 | 155.32 |
| 09/06/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 9.26 | NP | 0.00 | 164.32 | 155.06 |
| 12/07/94 | 130 | 2.5 | 1.9 | 1.3 | 3.6 | - | 8.67 | NP | 0.00 | 164.32 | 155.65 |
| 03/08/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 8.34 | NP | 0.00 | 164.32 | 155.98 |
| 06/15/95 | <100 | 1.0 | <0.5 | <0.5 | <1 | - | 9.12 | NP | 0.00 | 164.32 | 155.20 |
| 09/05/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 9.56 | NP | 0.00 | 164.32 | 154.76 |
| 11/21/95 | <50 | 0.44 | <0.3 | <0.3 | 1.5 | - | 9.28 | NP | 0.00 | 164.32 | 155.04 |
| 03/11/96 | <50 | 1.3 | <0.3 | <0.3 | 0.6 | - | 7.52 | NP | 0.00 | 164.32 | 156.80 |
| 06/19/96 | 640 | 72 | 20 | 34 | 150 | - | 7.80 | NP | 0.00 | 164.32 | 156.52 |
| 09/16/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 20 | 9.18 | NP | 0.00 | 164.32 | 155.14 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 6.08 | NP | 0.00 | 164.32 | 158.24 |
| 03/12/97 | 53 | 0.45 | <0.3 | <0.3 | <0.5 | 140 | 8.65 | NP | 0.00 | 164.32 | 155.67 |
| 06/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 68 | - | - | - | - | - |
| 09/10/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 8.30 | NP | 0.00 | 164.32 | 156.02 |
| 12/09/97 | <50 | 1.7 | 2.1 | <0.3 | 1.4 | 82 | 9.98 | NP | 0.00 | 164.32 | 154.34 |
| 03/03/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 84 | 8.33 | NP | 0.00 | 164.32 | 155.99 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 97 | - | - | - | - | - |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 97 | 12.95 | NP | 0.00 | 164.32 | 151.37 |
| 12/30/98 | <50 | 1.3 | 1.5 | <0.3 | 0.86 | 19 | 11.35 | NP | 0.00 | 164.32 | 152.97 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 9.6 | 9.85 | NP | 0.00 | 164.32 | 154.47 |
| 06/22/99 | 66 | 0.39 | <0.3 | <0.3 | <0.5 | 62 | 9.90 | NP | 0.00 | 164.32 | 154.42 |
| 09/08/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 25 | 9.85 | NP | 0.00 | 164.32 | 154.47 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 30 | 8.30 | NP | 0.00 | 164.32 | 156.02 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | *13.6/18.2 | 6.76 | NP | 0.00 | 164.32 | 157.56 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | 10 | 8.30 | NP | 0.00 | 164.32 | 156.02 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | *6 / 4.9 | 8.30 | NP | 0.00 | 164.32 | 156.02 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 8.28 | NP | 0.00 | 164.32 | 156.04 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 12.89 | NP | 0.00 | 164.32 | 151.43 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 12.89 | NP | 0.00 | 164.32 | 151.43 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 9.82 | NP | 0.00 | 164.32 | 154.50 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 9.25 | NP | 0.00 | 164.32 | 155.07 |
| 03/13/02 | - | - | - | - | - | - | 12.89 | NP | 0.00 | 164.32 | 151.43 |
| 06/12/02 | - | - | - | - | - | - | - | - | - | - | - |
| 09/18/02 | - | - | - | - | - | - | - | - | - | - | - |
| 12/18/02 | - | - | - | - | - | - | - | - | - | - | - |
| 03/19/03 | - | - | - | - | - | - | - | - | - | - | - |
| 06/11/03 | - | - | - | - | - | - | - | - | - | - | - |
| 09/04/03 | - | - | - | - | - | - | - | - | - | - | - |
| 12/04/03 | - | - | - | - | - | - | 6.78 | NP | 0.00 | 164.03 | 157.25 |
| 03/18/04 | - | - | - | - | - | - | 9.65 | NP | 0.00 | 164.03 | 154.38 |
| 06/09/04 | - | - | - | - | - | - | 6.86 | NP | 0.00 | 164.03 | 157.17 |
| 09/02/04 | - | - | - | - | - | - | 8.23 | NP | 0.00 | 164.03 | 155.80 |
| 12/08/04 | - | - | - | - | - | - | 6.76 | NP | 0.00 | 164.03 | 157.27 |
| MONITORING WELL #RS-9 Screen Interval - 5 to 15 feet | | | | | | | | | | | |
| 08/07/91 | - | 0.5 | ND | 330 | 1,200 | - | 2.28 | NP | 0.00 | 167.51 | 165.23 |
| 09/27/91 | 13,000 | 3.5 | 3.0 | 82 | 140 | - | 2.77 | NP | 0.00 | 167.51 | 164.74 |
| 10/23/91 | 11,000 | ND | ND | 39 | 340 | - | 3.53 | NP | 0.00 | 167.51 | 163.98 |
| 11/06/91 | 6,800 | 8.4 | 0.6 | 22 | 230 | - | 2.51 | NP | 0.00 | 167.51 | 165.00 |
| 12/04/91 | 6,500 | 6.5 | 0.7 | 87 | 200 | - | 3.20 | NP | 0.00 | 167.51 | 164.31 |
| 01/29/92 | 8,100 | 22 | 10 | 140 | 260 | - | 2.65 | NP | 0.00 | 167.51 | 164.86 |
| 02/26/92 | 13,000 | 40 | 16 | 220 | 600 | - | 3.42 | NP | 0.00 | 167.51 | 164.09 |
| 03/19/92 | 12,000 | 21 | 12 | 100 | 280 | - | 3.12 | NP | 0.00 | 167.51 | 164.39 |
| 04/22/92 | 8,600 | ND | ND | 20 | 37 | - | 3.24 | NP | 0.00 | 167.51 | 164.27 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | MIBE (ug/L) | | | | | |
| 05/21/92 | 6,000 | 21 | 10 | 53 | 210 | - | 3.75 | NP | 0.00 | 167.51 | 163.76 |
| 06/25/92 | 370 | 2.3 | 1.5 | 0.7 | 4.3 | - | 2.65 | NP | 0.00 | 167.51 | 164.86 |
| 07/30/92 | 3,600 | 20 | ND | 39 | 80 | - | 2.70 | NP | 0.00 | 167.51 | 164.81 |
| 08/20/92 | 3,000 | 0.7 | 5.2 | 2.0 | 5.3 | - | 2.83 | NP | 0.00 | 167.51 | 164.68 |
| 09/30/92 | 9,200 | 4.8 | 6.5 | 12 | 91 | - | 2.80 | NP | 0.00 | 167.51 | 164.71 |
| 12/23/92 | 2,000 | 17 | ND | 8.2 | 18 | - | 2.45 | NP | 0.00 | 167.51 | 165.06 |
| 03/10/93 | 1,500 | ND | 2.6 | 21 | 12 | - | 2.40 | NP | 0.00 | 167.51 | 165.11 |
| 06/09/93 | 1,300 | 0.6 | 1.7 | ND | 7.5 | - | 3.55 | NP | 0.00 | 167.51 | 163.96 |
| 09/14/93 | 1,500 | 1.3 | 7.6 | 4.1 | 14 | - | 2.81 | NP | 0.00 | 167.51 | 164.70 |
| 12/14/93 | 560 | ND | ND | ND | 5.5 | - | 2.63 | NP | 0.00 | 167.51 | 164.88 |
| 03/02/94 | 1,100 | <0.3 | <0.3 | <0.3 | <0.5 | - | 2.60 | NP | 0.00 | 167.51 | 164.91 |
| 06/06/94 | 290 | 0.58 | 0.53 | 1.1 | 5.8 | - | 2.52 | NP | 0.00 | 167.51 | 164.99 |
| 09/06/94 | 890 | <0.3 | <0.3 | <0.3 | 3.1 | - | 3.16 | NP | 0.00 | 167.51 | 164.35 |
| 12/07/94 | 940 | 22 | 23 | 10 | 32 | - | 5.18 | NP | 0.00 | 167.51 | 162.33 |
| 03/08/95 | 1,600 | <0.5 | <0.5 | <0.5 | 2.3 | - | 4.57 | NP | 0.00 | 167.51 | 162.94 |
| 06/15/95 | 3,200 | 2.2 | 5.3 | 4.3 | 3.1 | - | 5.08 | NP | 0.00 | 167.51 | 162.43 |
| 09/05/95 | 1,100 | <0.5 | <0.5 | <0.5 | <1 | - | 5.72 | NP | 0.00 | 167.51 | 161.79 |
| 11/21/95 | 1,100 | 1.1 | 2.9 | 3.5 | 3.0 | - | 2.46 | NP | 0.00 | 167.51 | 165.05 |
| 03/11/96 | 440 | 0.7 | 0.34 | <0.3 | 3.7 | - | 3.44 | NP | 0.00 | 167.51 | 164.07 |
| 06/19/96 | 580 | 3.8 | 0.49 | 1.2 | <0.5 | - | 3.80 | NP | 0.00 | 167.51 | 163.71 |
| 09/16/96 | 490 | <0.3 | 1.6 | <0.3 | <0.5 | <20 | 3.80 | NP | 0.00 | 167.51 | 163.71 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 2.76 | NP | 0.00 | 167.51 | 164.75 |
| 03/12/97 | <50 | <0.3 | 0.42 | <0.3 | 1.5 | <20 | 3.20 | NP | 0.00 | 167.51 | 164.31 |
| 06/12/97 | <50 | <0.3 | <0.3 | <0.3 | 0.51 | <20 | - | - | - | - | - |
| 09/10/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 4.24 | NP | 0.00 | 167.51 | 163.27 |
| 12/09/97 | <50 | <0.3 | 0.48 | <0.3 | <0.5 | <20 | 2.72 | NP | 0.00 | 167.51 | 164.79 |
| 03/03/98 | 190 | <0.3 | <0.3 | 0.38 | <0.5 | <20 | 1.90 | NP | 0.00 | 167.51 | 165.61 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | - | - | - | - |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 2.72 | NP | 0.00 | 167.51 | 164.79 |
| 12/30/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 1.20 | NP | 0.00 | 167.51 | 166.31 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 4.25 | NP | 0.00 | 167.51 | 163.26 |
| 06/22/99 | 1,300 | 4.2 | 1.2 | 0.69 | 0.74 | <5 | 3.70 | NP | 0.00 | 167.51 | 163.81 |
| 09/08/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 2.71 | NP | 0.00 | 167.51 | 164.80 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 2.70 | NP | 0.00 | 167.51 | 164.81 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | 2.70 | NP | 0.00 | 167.51 | 164.81 |
| 06/08/00 | 585 | <5 | <5 | <5 | <5 | 821 | 2.72 | NP | 0.00 | 167.51 | 164.79 |
| 09/27/00 | 592 | <0.18 | <0.14 | <0.18 | <0.26 | *1,180 / 1,360 | 2.72 | NP | 0.00 | 167.51 | 164.79 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | *403 / 444 | 2.70 | NP | 0.00 | 167.51 | 164.81 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 03/22/01 | 425 | <0.18 | <0.14 | <0.18 | <0.26 | *738 / 1,640 | 2.69 | NP | 0.00 | 167.51 | 164.82 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 2.68 | NP | 0.00 | 167.51 | 164.83 |
| 08/30/01 | 164 | <0.18 | <0.14 | <0.18 | <0.26 | *396 / 284 | 2.68 | NP | 0.00 | 167.51 | 164.83 |
| 12/12/01 | 1,540 | <0.18 | <0.14 | <0.18 | <0.26 | *4,370 / 2,480 | 2.41 | NP | 0.00 | 167.51 | 165.10 |
| 03/13/02 | 1,540 | <0.18 | <0.14 | <0.18 | <0.26 | 3,360 | 2.68 | NP | 0.00 | 167.51 | 164.83 |
| 06/12/02 | 2,020 | 1 | 3 | 1 | 3 | 3,280 | 4.21 | NP | 0.00 | 167.51 | 163.30 |
| 09/18/02 | 915 | <0.18 | <0.14 | <0.18 | <0.26 | 768 | 4.21 | NP | 0.00 | 167.51 | 163.30 |
| 12/18/02 | 1,070 | <0.18 | <0.14 | <0.18 | <0.26 | 960 | 2.68 | NP | 0.00 | 167.51 | 164.83 |
| 03/19/03 | 1,600 | <0.04 | <0.02 | <0.02 | <0.06 | 836 | 4.21 | NP | 0.00 | 167.51 | 163.30 |
| 06/11/03 | 1,960 | <0.04 | <0.02 | <0.02 | <0.06 | 583 | 4.21 | NP | 0.00 | 167.51 | 163.30 |
| 09/04/03 | 117 | <0.22 | <0.32 | <0.31 | 13 | 8.3 | 4.21 | NP | 0.00 | 167.51 | 163.30 |
| 12/04/03 | 19,200 | 5,270 | 6,550 | 144 | 2,540 | 217 | 1.16 | NP | 0.00 | 167.05 | 165.89 |
| 03/18/04 | 193 | 7.5 | 18 | 1.4J | 6.1 | 127 | 2.68 | NP | 0.00 | 167.05 | 164.37 |
| 06/10/04 | 159 | <0.14 | 3.3 | 1.9 | 2.5 | <0.22 | 3.74 | NP | 0.00 | 167.05 | 163.31 |
| 09/02/04 | <15 | <0.14 | <0.16 | <0.18 | <0.45 | <0.22 | 3.68 | NP | 0.00 | 167.05 | 163.37 |
| 12/09/04 | <15 | 1.2 | 2.1 | <0.18 | 0.99 | <0.22 | 1.20 | NP | 0.00 | 167.05 | 165.85 |
| MONITORING WELL #RS-10 | | | | | | | | | | | |
| <i>Screen Interval - 5 to 25 feet</i> | | | | | | | | | | | |
| 08/07/91 | ND | ND | ND | ND | ND | - | 6.16 | NP | 0.00 | 162.89 | 156.73 |
| 09/27/91 | ND | ND | ND | ND | ND | - | 6.48 | NP | 0.00 | 162.89 | 156.41 |
| 10/23/91 | ND | ND | ND | ND | ND | - | 7.37 | NP | 0.00 | 162.89 | 155.52 |
| 11/06/91 | ND | ND | ND | ND | ND | - | 6.44 | NP | 0.00 | 162.89 | 156.45 |
| 12/04/91 | ND | ND | ND | ND | ND | - | 7.02 | NP | 0.00 | 162.89 | 155.87 |
| 01/29/92 | ND | ND | ND | ND | ND | - | 6.78 | NP | 0.00 | 162.89 | 156.11 |
| 02/26/92 | ND | ND | ND | ND | ND | - | 8.33 | NP | 0.00 | 162.89 | 154.56 |
| 03/19/92 | ND | ND | ND | ND | 0.6 | - | 8.02 | NP | 0.00 | 162.89 | 154.87 |
| 04/22/92 | ND | ND | ND | ND | ND | - | 7.78 | NP | 0.00 | 162.89 | 155.11 |
| 05/21/92 | ND | ND | 0.6 | ND | 1.2 | - | 6.21 | NP | 0.00 | 162.89 | 156.68 |
| 06/25/92 | ND | ND | ND | ND | ND | - | 7.73 | NP | 0.00 | 162.89 | 155.16 |
| 07/30/92 | ND | ND | 0.5 | ND | 1.0 | - | 7.84 | NP | 0.00 | 162.89 | 155.05 |
| 08/20/92 | ND | ND | ND | ND | ND | - | 7.50 | NP | 0.00 | 162.89 | 155.39 |
| 09/30/92 | ND | ND | ND | ND | ND | - | 7.63 | NP | 0.00 | 162.89 | 155.26 |
| 12/23/92 | ND | ND | ND | ND | ND | - | 7.24 | NP | 0.00 | 162.89 | 155.65 |
| 03/10/93 | ND | ND | ND | ND | ND | - | 6.38 | NP | 0.00 | 162.89 | 156.51 |
| 06/09/93 | ND | ND | ND | ND | ND | - | 7.98 | NP | 0.00 | 162.89 | 154.91 |
| 09/14/93 | ND | ND | ND | ND | ND | - | 7.35 | NP | 0.00 | 162.89 | 155.54 |
| 03/02/94 | <50 | <0.3 | <0.3 | <0.3 | <0.3 | - | 7.00 | NP | 0.00 | 162.89 | 155.89 |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 06/06/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 6.55 | NP | 0.00 | 162.89 | 156.34 |
| 09/06/94 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 7.63 | NP | 0.00 | 162.89 | 155.26 |
| 12/07/94 | 56 | <0.3 | <0.3 | <0.5 | 2.1 | - | 5.92 | NP | 0.00 | 162.89 | 156.97 |
| 03/08/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 7.84 | NP | 0.00 | 162.89 | 155.05 |
| 06/15/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 6.97 | NP | 0.00 | 162.89 | 155.92 |
| 09/05/95 | <100 | <0.5 | <0.5 | <0.5 | <1 | - | 8.14 | NP | 0.00 | 162.89 | 154.75 |
| 11/21/95 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 7.68 | NP | 0.00 | 162.89 | 155.21 |
| 03/11/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 6.76 | NP | 0.00 | 162.89 | 156.13 |
| 06/19/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | - | 7.20 | NP | 0.00 | 162.89 | 155.69 |
| 09/16/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 6.30 | NP | 0.00 | 162.89 | 156.59 |
| 12/10/96 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 6.05 | NP | 0.00 | 162.89 | 156.84 |
| 03/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 7.56 | NP | 0.00 | 162.89 | 155.33 |
| 06/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | - | - | - | - |
| 09/10/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 7.55 | NP | 0.00 | 162.89 | 155.34 |
| 12/09/97 | 1,900 | 610 | 510 | <6 | 290 | <20 | 7.55 | NP | 0.00 | 162.89 | 155.34 |
| 03/03/98 | <50 | 2.0 | <0.3 | <0.3 | <0.5 | 27 | 6.03 | NP | 0.00 | 162.89 | 156.86 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | - | - | - | - |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | 72 | 7.55 | NP | 0.00 | 162.89 | 155.34 |
| 12/30/98 | <50 | 1.1 | <0.3 | <0.3 | <0.5 | <5 | 4.45 | NP | 0.00 | 162.89 | 158.44 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | 1.3 | <5 | 4.50 | NP | 0.00 | 162.89 | 158.39 |
| 06/22/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 9.15 | NP | 0.00 | 162.89 | 153.74 |
| 09/08/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 7.51 | NP | 0.00 | 162.89 | 155.38 |
| 12/01/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 5.97 | NP | 0.00 | 162.89 | 156.92 |
| 03/23/00 | <50 | <0.25 | <0.25 | <0.25 | <0.5 | <5 | 4.47 | NP | 0.00 | 162.89 | 158.42 |
| 06/08/00 | <50 | <5 | <5 | <5 | <5 | <5 | 5.97 | NP | 0.00 | 162.89 | 156.92 |
| 09/27/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.50 | NP | 0.00 | 162.89 | 155.39 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 5.94 | NP | 0.00 | 162.89 | 156.95 |
| 03/22/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.51 | NP | 0.00 | 162.89 | 155.38 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.50 | NP | 0.00 | 162.89 | 155.39 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 9.05 | NP | 0.00 | 162.89 | 153.84 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.65 | NP | 0.00 | 162.89 | 155.24 |
| 03/13/02 | - | - | - | - | - | - | 9.05 | NP | 0.00 | 162.89 | 153.84 |
| 06/12/02 | - | - | - | - | - | - | - | - | - | - | - |
| 09/18/02 | - | - | - | - | - | - | - | - | - | - | - |
| 12/18/02 | - | - | - | - | - | - | - | - | - | - | - |
| 03/19/03 | - | - | - | - | - | - | - | - | - | - | - |
| 06/11/03 | - | - | - | - | - | - | - | - | - | - | - |
| 09/04/03 | - | - | - | - | - | - | - | - | - | - | - |

**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, 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) | | | | | |
| 12/04/03 | - | - | - | - | - | - | 5.98 | NP | 0.00 | 162.43 | 156.45 |
| 03/18/04 | - | - | - | - | - | - | 8.85 | NP | 0.00 | 162.43 | 153.58 |
| 06/09/04 | - | - | - | - | - | - | 6.27 | NP | 0.00 | 162.43 | 156.16 |
| 09/02/04 | - | - | - | - | - | - | 6.17 | NP | 0.00 | 162.43 | 156.26 |
| 12/08/04 | - | - | - | - | - | - | 6.00 | NP | 0.00 | 162.43 | 156.43 |
| MONITORING WELL #RS-11 <i>Screen Interval = 5 to 25 feet</i> | | | | | | | | | | | |
| 09/21/95 | 110 | <0.5 | <0.5 | <0.5 | <1 | - | 9.37 | NP | 0.00 | 163.28 | 153.91 |
| 11/21/95 | - | - | - | - | - | - | - | - | - | - | - |
| 03/11/96 | - | - | - | - | - | - | - | - | - | - | - |
| 06/19/96 | - | - | - | - | - | - | - | - | - | - | - |
| 09/16/96 | - | - | - | - | - | - | - | - | - | - | - |
| 03/12/97 | 74 | 9.5 | <0.3 | <0.3 | 0.57 | <20 | 7.75 | NP | 0.00 | 163.28 | 155.53 |
| 06/12/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | - | - | - | - | - |
| 09/10/97 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <20 | 9.50 | NP | 0.00 | 163.28 | 153.78 |
| 12/09/97 | <50 | 0.79 | 1.2 | <0.3 | <0.5 | <20 | 9.50 | NP | 0.00 | 163.28 | 153.78 |
| 03/03/98 | 140 | 22 | 0.63 | <0.3 | <0.5 | <20 | 7.93 | NP | 0.00 | 163.28 | 155.35 |
| 07/08/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | - | - | - | - | - |
| 09/10/98 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 9.48 | NP | 0.00 | 163.28 | 153.80 |
| 12/30/98 | <50 | 1.3 | 0.87 | <0.3 | 0.55 | <5 | 7.95 | NP | 0.00 | 163.28 | 155.33 |
| 03/15/99 | <50 | <0.3 | <0.3 | <0.3 | <0.5 | <5 | 6.40 | NP | 0.00 | 163.28 | 156.88 |
| 06/22/99 | 350 | 89 | 2.9 | 3.3 | 0.91 | 6.8 | 11.00 | NP | 0.00 | 163.28 | 152.28 |
| 09/08/99 | 99 | 9.1 | 0.37 | <0.3 | <0.5 | <5 | 7.90 | NP | 0.00 | 163.28 | 155.38 |
| 12/01/99 | 82 | 9.7 | 0.44 | <0.3 | <0.5 | <5 | 7.90 | NP | 0.00 | 163.28 | 155.38 |
| 03/23/00 | 73 | 5.8 | 2.3 | <0.25 | <0.5 | *11.2 / 7.9 | 4.85 | NP | 0.00 | 163.28 | 158.43 |
| 06/08/00 | 306 | <5 | <5 | <5 | <5 | <5 | 7.90 | NP | 0.00 | 163.28 | 155.38 |
| 09/27/00 | <50 | 1 | <0.14 | <0.18 | <0.26 | 3 J / 3.6 | 9.44 | NP | 0.00 | 163.28 | 153.84 |
| 12/13/00 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 6.34 | NP | 0.00 | 163.28 | 156.94 |
| 03/22/01 | 408 | <0.18 | <0.14 | <0.18 | <0.26 | *664 / 941 | 7.96 | NP | 0.00 | 163.28 | 155.32 |
| 06/15/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.87 | NP | 0.00 | 163.28 | 155.41 |
| 08/30/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 9.41 | NP | 0.00 | 163.28 | 153.87 |
| 12/12/01 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.86 | NP | 0.00 | 163.28 | 155.42 |
| 03/13/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 7.85 | NP | 0.00 | 163.28 | 155.43 |
| 06/12/02 | <50 | <0.18 | 1 | <0.18 | <0.26 | <0.24 | 9.39 | NP | 0.00 | 163.28 | 153.89 |
| 09/18/02 | <50 | <0.18 | <0.14 | <0.18 | <0.26 | <0.24 | 9.38 | NP | 0.00 | 163.28 | 153.90 |
| 12/18/02 | 110 | <0.18 | <0.14 | <0.18 | <0.26 | 101 | 6.32 | NP | 0.00 | 163.28 | 156.96 |
| 03/19/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 9.39 | NP | 0.00 | 163.28 | 153.89 |

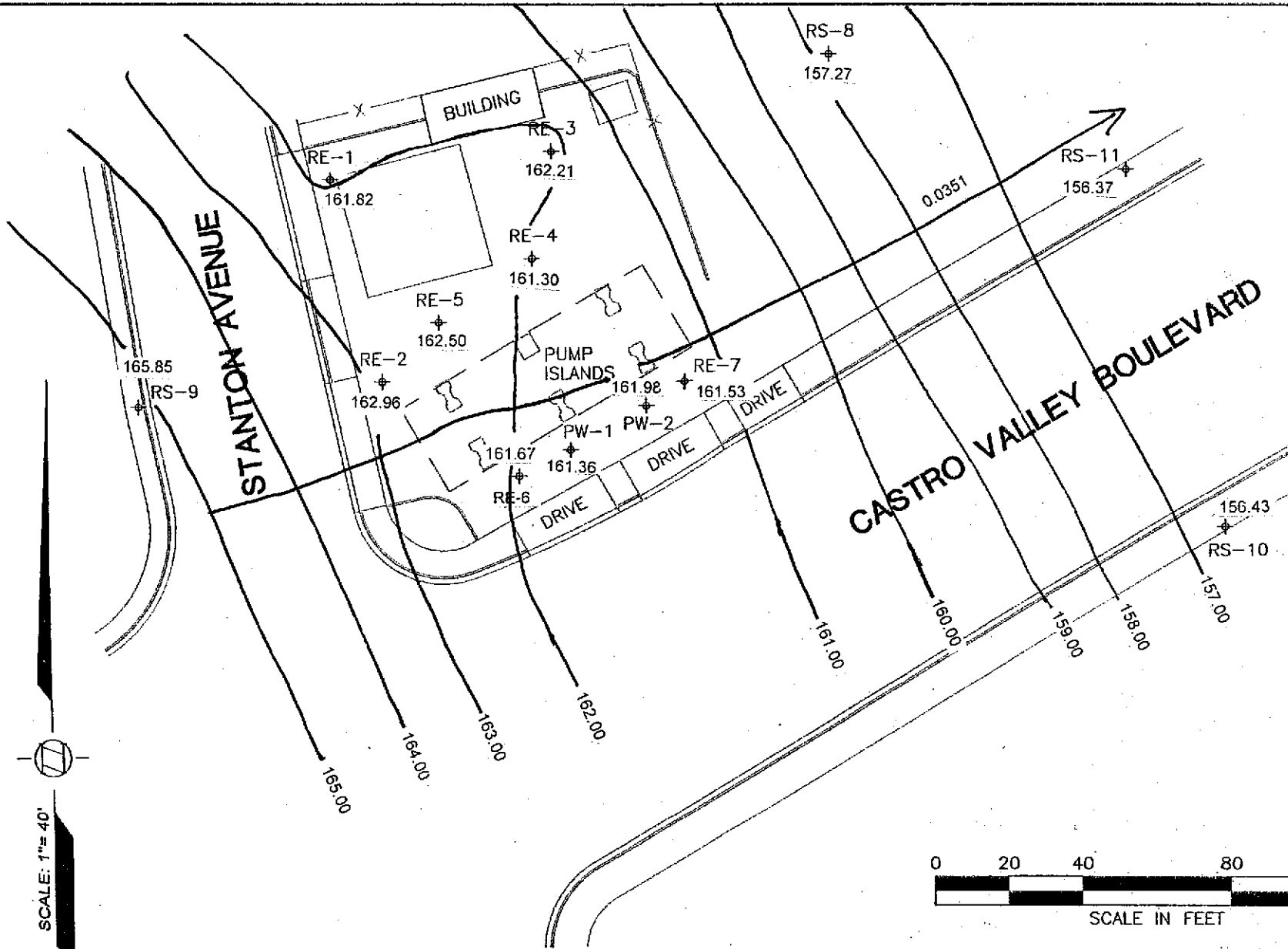
**TABLE 1
GROUNDWATER DATA
THRIFTY OIL STATION #054, CASTRO VALLEY, CA.**

| 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) | | | | | |
| 06/11/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | 20 | 9.39 | NP | 0.00 | 163.28 | 153.89 |
| 09/04/03 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 7.85 | NP | 0.00 | 163.28 | 155.43 |
| 12/04/03 | <15 | <0.04 | <0.02 | <0.02 | <0.06 | <0.03 | 6.32 | NP | 0.00 | 162.71 | 156.39 |
| 03/18/04 | <15 | <0.22 | <0.32 | <0.31 | <0.4 | <0.18 | 9.39 | NP | 0.00 | 162.71 | 153.32 |
| 06/10/04 | 1,080 | 48 | 3.8 | 30 | 1.8 | 68 | 6.87 | NP | 0.00 | 162.71 | 155.84 |
| 09/02/04 | 1,600 | 94 | 5.9 | 4.3 | 3.8 | *185 / 78 | 7.07 | NP | 0.00 | 162.71 | 155.64 |
| 12/09/04 | <15 | 1.2 | 1.3 | <0.18 | <0.45 | *22 / <0.18 | 6.34 | NP | 0.00 | 162.71 | 156.37 |
| | | | | | | | | | | | |

NOTE: ND = Nondetectable
 " - " = Not Analyzed / Not Available
 NP = No Free Product
 *MTBE 8020/8260

Benzene, toluene, ethylbenzene, and xylene analyzed by EPA method 8020.
 Total petroleum hydrocarbons (TPH) analyzed by EPA method 8015 modified for gasoline
 Methyl-tert Butyl Ether (MTBE) analyzed by EPA method 8020
 On 3/18/04, 9/4/03 & 6/8/00, BTEX and MTBE analyzed by EPA Method 8260B

FIGURES



Data Collected 12/8/2004
Datum is Mean Sea Level

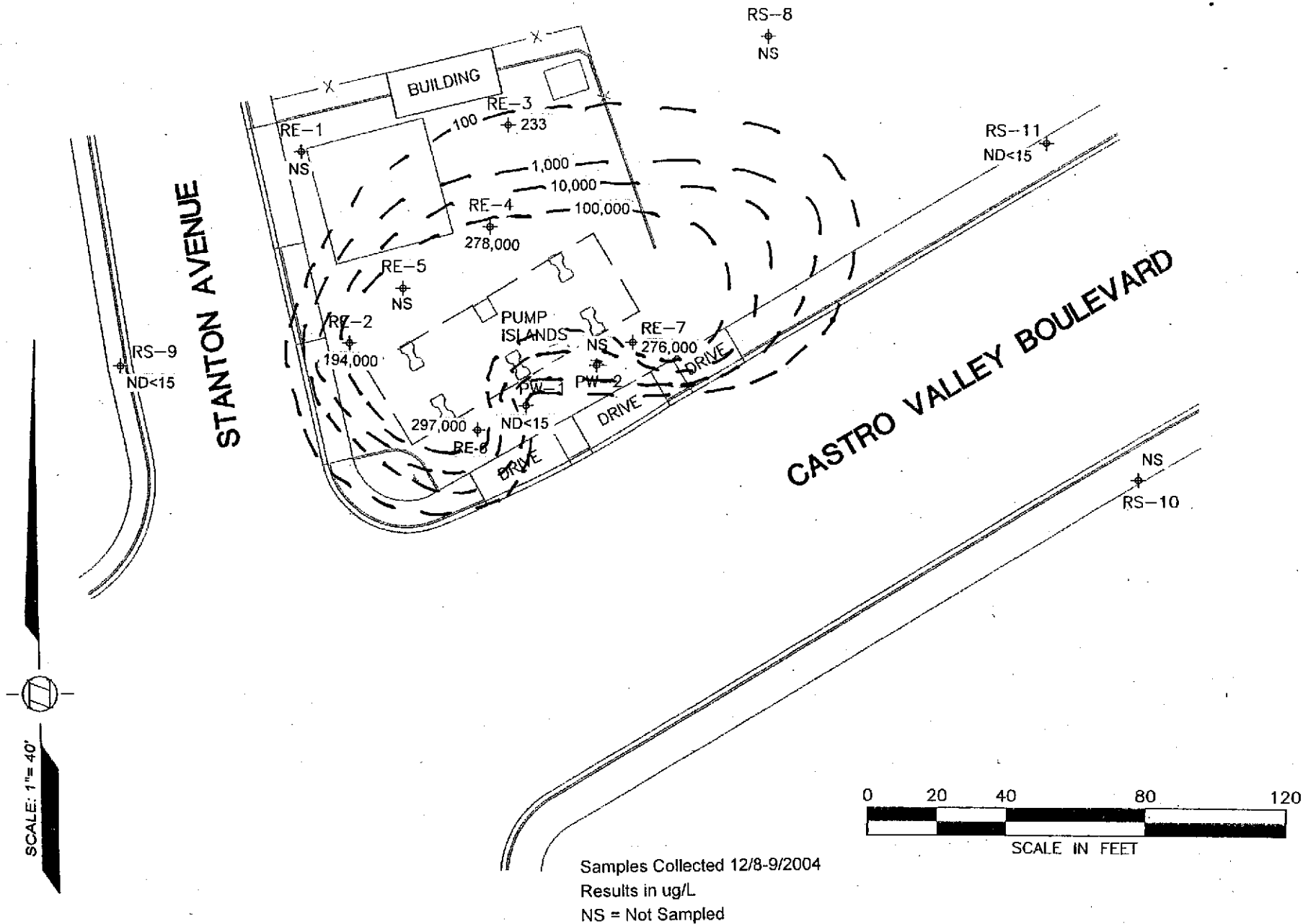
GROUNDWATER CONTOURS

THRIFTY STATION #054
2504 Castro Valley Boulevard
Castro Valley, CA

Figure
1



Thrifty Oil Co.
13116 Imperial Highway
Santa Fe Springs, CA 90670

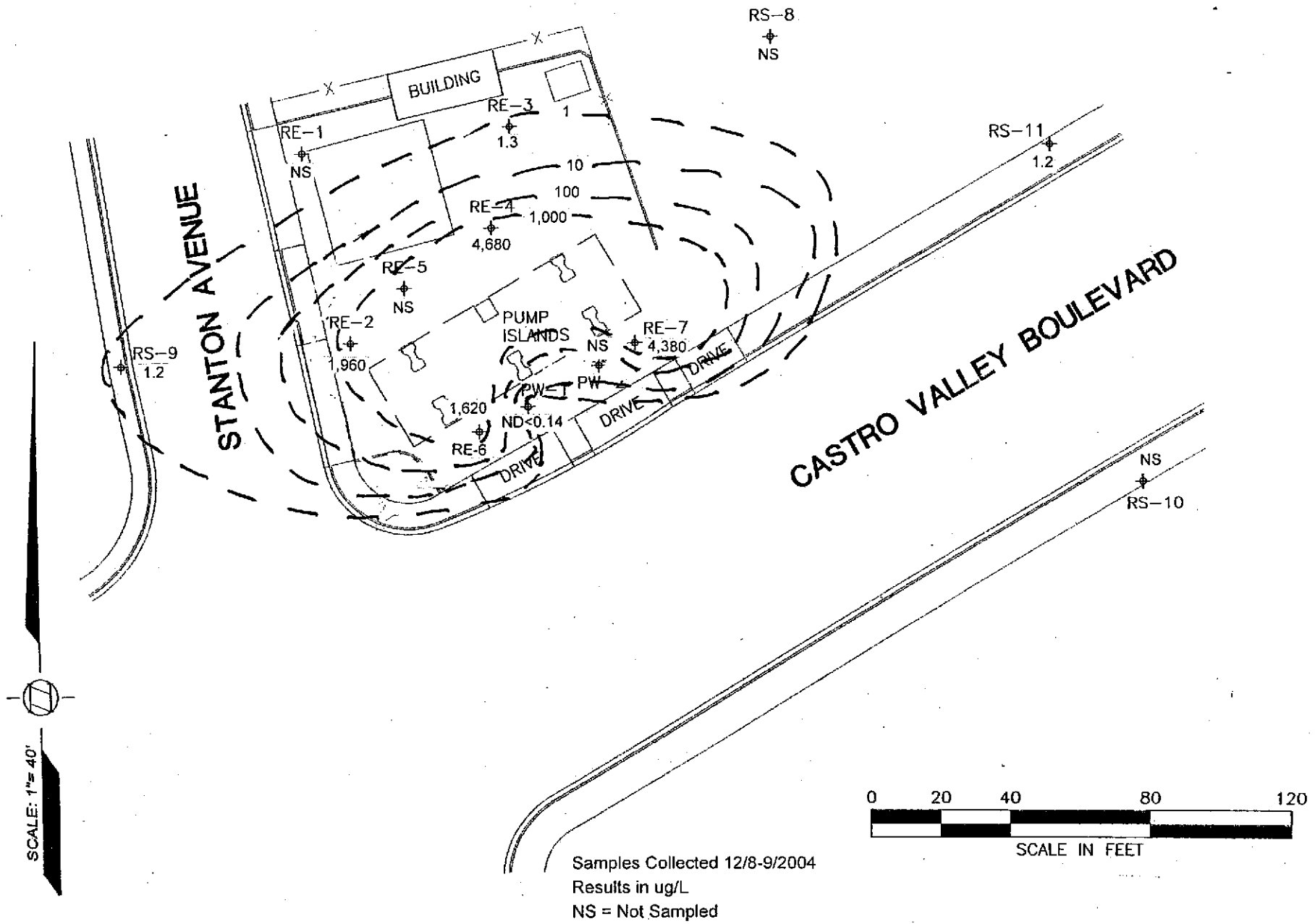


Thrifty Oil Co.
 13116 Imperial Highway
 Santa Fe Springs, CA 90670

TPHg IN GROUNDWATER

THRIFTY STATION #054
 2504 Castro Valley Boulevard
 Castro Valley, CA

Figure
 2



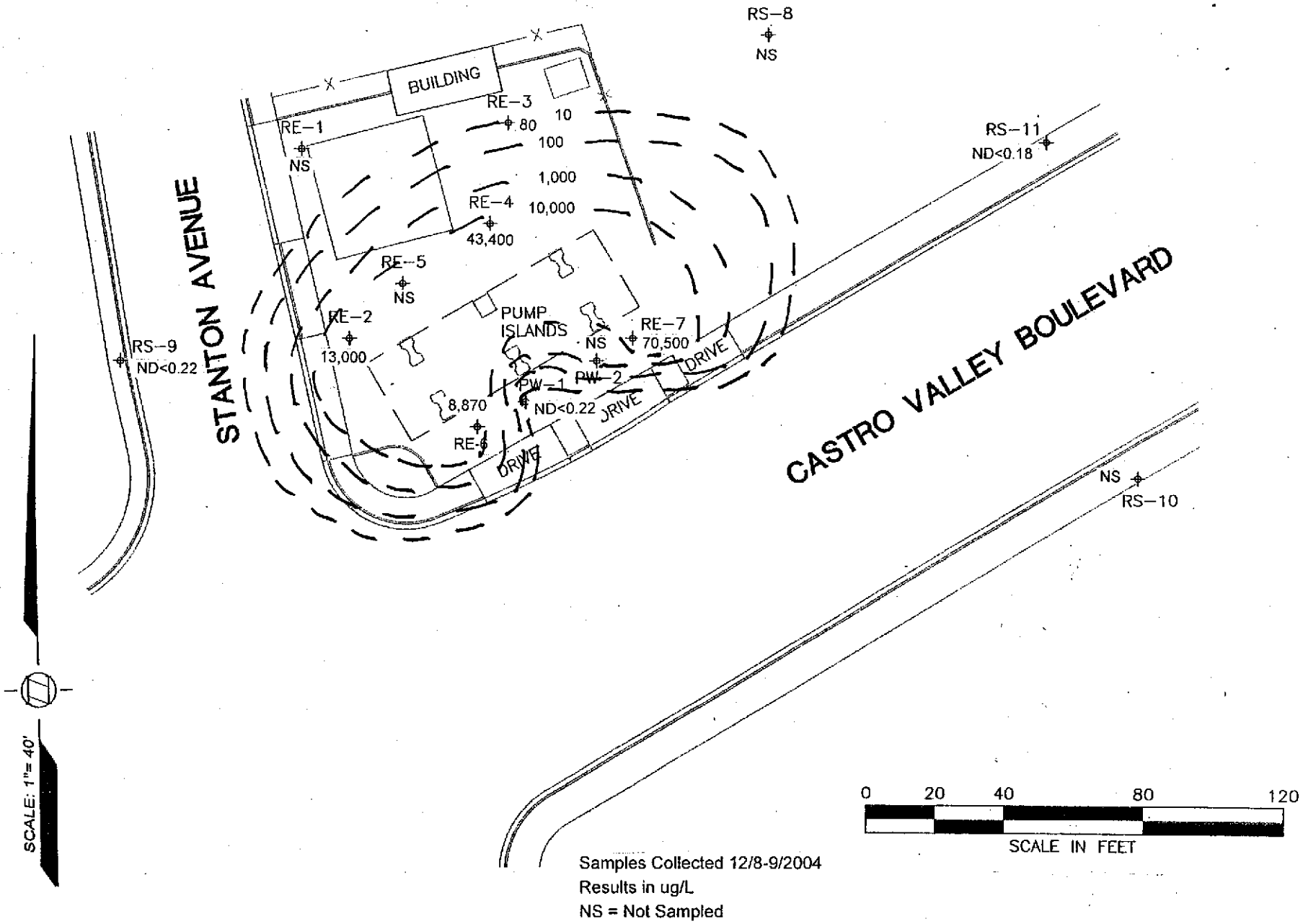
Thrifty Oil Co.
 13116 Imperial Highway
 Santa Fe Springs, CA 90670

BENZENE IN GROUNDWATER

THRIFTY STATION #054
 2504 Castro Valley Boulevard
 Castro Valley, CA

Figure

3



MTBE IN GROUNDWATER

THRIFTY STATION #054
2504 Castro Valley Boulevard
Castro Valley, CA

Figure

4



Thrifty Oil Co.
13116 Imperial Highway
Santa Fe Springs, CA 90670

APPENDIX A



PROJECT STATUS REPORT

SITE: THRIFTY OIL CO. # 054
 ADDRESS: 2504 CASTRO VALLEY BLYD.
CASTRO VALLEY, CA 94546

DATE: 12-08-09-04

PERSONNEL: SEBAST

| WELL ID | DTP (FT) | DTW (FT) | DTB (FT) | PT (FT) | WC (FT) | DIA (IN) | PURGE (GAL) | | COMMENT |
|---------------------|----------|----------|----------|---------|---------|----------|-------------|------|---------|
| | | | | | | | EST. | ACT. | |
| QUARTERLY | | | | | | | | | |
| 1 PW-1 | | 4.59 | 13.98 | | | 4" | 25 | 25 | |
| 2 RE-2 | | 3.65 | 16.98 | | | 4" | 35 | 35 | |
| 3 RE-3 | | 4.48 | 17.51 | | | 4" | 33 | 33 | |
| 4 RE-4 | | 4.93 | 14.50 | | | 4" | 25 | 25 | |
| 5 RE-6 | | 4.48 | 13.57 | | | 4" | 24 | 24 | |
| 6 RE-7 | | 3.80 | 13.13 | | | 4" | 24 | 24 | |
| 7 RS-9 | | 1.20 | 14.93 | | | 2" | 9 | 9 | OFFSITE |
| 8 RS-11 | | 6.34 | 24.70 | | | 2" | 12 | 12 | OFFSITE |
| GAUGING ONLY | | | | | | | | | |
| 9 PW-2 | | 3.63 | 14.30 | | | 4" | | | |
| 10 RE-1 | | 4.64 | 14.80 | | | 4" | | | |
| 11 RE-5 | | 4.06 | 18.22 | | | 4" | | | |
| 12 RS-8 | | 6.76 | 25.16 | | | 2" | | | |
| 13 RS-10 | | 6.00 | 24.40 | | | 2" | | | OFFSITE |

FREE PRODUCT REMOVED: APPROX. GALLONS

PURGE-WATER REMOVED: APPROX. 187 GALLONS

REMARKS: MONITORING WELLS AND PURGE WATER FROM 8 WELLS -

EXPLANATION:
 DTP= DEPTH TO PRODUCT, DTW= DEPTH TO WATER, DTB= DEPTH TO BOTTOM; ALL MEASURED FROM TOP OF CASING
 PT= PRODUCT THICKNESS, WC= WATER COLUMN, DIA= DIAMETER, EST=ESTIMATE, ACT= ACTUAL, FT= FEET, GAL= GALLONS

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | |
|--------------------------|----------------------------------|
| Site: <u>054</u> | Date: <u>12-08-04</u> |
| Address: _____ | |
| Personnel: <u>SERBAN</u> | Weather: <u>RAIN AND SHOWERS</u> |
| Well No: <u>PW-1</u> | Equip: <u>BAILER</u> |

| | | | |
|-------------------------|--------------|--------------------|-----------|
| Before Purging: | | | |
| Total Well Depth: (ft.) | <u>13.96</u> | Well Diameter | <u>4"</u> |
| Depth to Water (ft) | <u>4.59</u> | Est. Purge Volume: | <u>25</u> |

| | | | | | | | |
|--------------------|-------------|-------------|-------------|------------------|--------------|--|--|
| Sampling Data: | | | | | | | |
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | <u>9:37</u> | <u>9:43</u> | <u>9:49</u> | <u>9:54</u> | <u>10:00</u> | | |
| EC | <u>1400</u> | <u>1440</u> | <u>1460</u> | <u>1470</u> | <u>1460</u> | | |
| pH | <u>5.92</u> | <u>5.88</u> | <u>5.87</u> | <u>5.88</u> | <u>5.87</u> | | |
| Temp | <u>69.2</u> | <u>69.3</u> | <u>69.6</u> | <u>69.7</u> | <u>69.6</u> | | |
| Gal. | <u>5</u> | <u>10</u> | <u>15</u> | <u>20</u> | <u>25</u> | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | | | |
|--|-------------|-----------------------|--------------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | <u>5.10</u> | Total Well Depth(ft.) | <u>13.96</u> |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | |
|--------------------------|-----------------------|
| Site: <u>1054</u> | Date: <u>12-08-04</u> |
| Address: _____ | |
| Personnel: <u>SERBAN</u> | Weather: <u>RAIN</u> |
| Well No: <u>RE-2</u> | Equip: <u>BAILER</u> |

| | |
|--------------------------------------|--------------------------|
| Before Purging: | |
| Total Well Depth: (ft.) <u>16.98</u> | Well Diameter _____ |
| Depth to Water (ft) <u>3.65</u> | Est. Purge Volume: _____ |

| | | | | | | | |
|--------------------|-------|-------|-------|------------------|-------|--|--|
| Sampling Data: | | | | | | | |
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | 10:20 | 10:30 | 10:40 | 10:50 | 11:00 | | |
| EC | 1750 | 1770 | 1760 | 1730 | 1720 | | |
| pH | 6.09 | 5.69 | 5.21 | 5.73 | 6.74 | | |
| Temp | 68.7 | 68.4 | 68.6 | 68.9 | 68.7 | | |
| Gal. | 7 | 14 | 21 | 28 | 35 | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | |
|--|------------------------------------|
| After Purging/Before Sample Collection | |
| Depth to Water (ft.) <u>5.14</u> | Total Well Depth(ft.) <u>16.98</u> |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | | | |
|------------|---------|----------|----------|
| Site: | # 054 | Date: | 12-08-04 |
| Address: | | | |
| Personnel: | SERBAN, | Weather: | RAIN |
| Well No: | RE-3 | Equip: | BAILER |

| | | | |
|-------------------------|-------|--------------------|----|
| Before Purging: | | | |
| Total Well Depth: (ft.) | 17.51 | Well Diameter | 4" |
| Depth to Water (ft) | 4.48 | Est. Purge Volume: | 33 |

| Sampling Data: | | | | | | | |
|--------------------|-------|-------|-------|------------------|-------|--|--|
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | 11:07 | 11:15 | 11:23 | 11:31 | 11:40 | | |
| EC | 1520 | 1520 | 1520 | 1520 | 1520 | | |
| pH | 6.13 | 5.96 | 5.95 | 5.98 | 5.97 | | |
| Temp | 71.5 | 71.1 | 70.9 | 70.7 | 70.6 | | |
| Gal. | 6 | 13 | 19 | 26 | 33 | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | |
|--|-------|
| After Purging/Before Sample Collection | |
| Depth to Water (ft.) | 6.14 |
| Total Well Depth (ft.) | 17.51 |

FIELD DATA -GROUNDWATER SAMPLING PROGRAM

| | | | |
|------------|---------|----------|---------------|
| Site: | H 054 | Date: | 12-08-04 |
| Address: | | | |
| Personnel: | SERBATA | Weather: | RAIN, SHOWERS |
| Well No: | RE-4 | Equip: | BAILER |

| | | | |
|-------------------------|-------|--------------------|----|
| Before Purging: | | | |
| Total Well Depth: (ft.) | 14.50 | Well Diameter | 4" |
| Depth to Water (ft) | 4.93 | Est. Purge Volume: | 25 |

| Sampling Data: | | | | | | | | |
|--------------------|-------|-------|------------------|-------|-------|--|--|--|
| Initial Turbidity: | | | Final Turbidity: | | | | | |
| Time | 11:44 | 11:52 | 12:00 | 12:07 | 12:15 | | | |
| EC | 1460 | 1470 | 1480 | 1450 | 1460 | | | |
| pH | 5.81 | 5.72 | 5.75 | 5.64 | 5.64 | | | |
| Temp | 70.3 | 70.3 | 69.8 | 69.7 | 69.8 | | | |
| Gal. | 5 | 10 | 15 | 20 | 25 | | | |
| Time | | | | | | | | |
| EC | | | | | | | | |
| pH | | | | | | | | |
| Temp | | | | | | | | |
| Gal. | | | | | | | | |

| | | | |
|--|------|-----------------------|-------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | 5.23 | Total Well Depth(ft.) | 14.50 |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | | | |
|------------|--------|----------|----------|
| Site: | # 054 | Date: | 12-09-04 |
| Address: | | | |
| Personnel: | SERBAD | Weather: | CLOUDY |
| Well No: | RE-6 | Equip: | BAILER |

| | | | |
|-------------------------|-------|--------------------|----|
| Before Purging: | | | |
| Total Well Depth: (ft.) | 13.57 | Well Diameter | 4" |
| Depth to Water (ft) | 4.68 | Est. Purge Volume: | 24 |

| | | | | | | | |
|---------------------------|------|------|------|-------------------------|------|--|--|
| Sampling Data: | | | | | | | |
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | 9:15 | 9:21 | 9:27 | 9:33 | 9:40 | | |
| EC | 1660 | 1630 | 1620 | 1630 | 1620 | | |
| pH | 6.04 | 5.93 | 5.87 | 5.62 | 5.62 | | |
| Temp | 20.1 | 20.2 | 69.7 | 69.6 | 69.4 | | |
| Gal. | 4 | 9 | 14 | 19 | 24 | | |
| | | | | | | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | | | |
|---|------|-----------------------|-------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | 6.08 | Total Well Depth(ft). | 13.57 |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | |
|-------------------|------------------------|
| Site: # 054 | Date: 12-08-04 |
| Address: | |
| Personnel: SERBAN | Weather: RAIN, SHOWERS |
| Well No: RE-7 | Equip: BAUER |

| | | | |
|-------------------------|-------|-------------------|----|
| Before Purging: | | | |
| Total Well Depth: (ft.) | 13.13 | Well Diameter | 4" |
| Depth to Water (ft) | 3.80 | Est. Pore Volume: | 29 |

| | | | | | | | |
|--------------------|-------|-------|-------|------------------|-------|--|--|
| Sampling Data: | | | | | | | |
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | 12:33 | 12:40 | 12:47 | 12:53 | 13:00 | | |
| EC | 1920 | 1930 | 1920 | 1920 | 1930 | | |
| pH | 6.11 | 5.92 | 5.83 | 5.86 | 5.86 | | |
| Temp | 71.4 | 71.2 | 70.8 | 70.6 | 70.4 | | |
| Gal. | 4 | 9 | 14 | 19 | 24 | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | | | |
|--|------|-----------------------|-------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | 5.14 | Total Well Depth(ft.) | 13.13 |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | | | |
|------------|---------------|----------|-----------------|
| Site: | <u>H-054</u> | Date: | <u>12-09-04</u> |
| Address: | | | |
| Personnel: | <u>SERBAX</u> | Weather: | <u>CLOUDY</u> |
| Well No: | <u>RE-9</u> | Equip: | <u>BAILER</u> |

| | | | |
|-------------------------|--------------|--------------------|-----------|
| Before Purging: | | | |
| Total Well Depth: (ft.) | <u>14.93</u> | Well Diameter | <u>2"</u> |
| Depth to Water (ft) | <u>1.20</u> | Est. Purge Volume: | <u>9</u> |

| | | | | | | | |
|---------------------------|-------------|-------------|-------------|-------------------------|--------------|--|--|
| Sampling Data: | | | | | | | |
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | <u>9:48</u> | <u>9:51</u> | <u>9:54</u> | <u>9:57</u> | <u>10:00</u> | | |
| EC | <u>1530</u> | <u>1520</u> | <u>1540</u> | <u>1560</u> | <u>1560</u> | | |
| pH | <u>5.74</u> | <u>5.69</u> | <u>5.70</u> | <u>5.73</u> | <u>5.75</u> | | |
| Temp | <u>70.1</u> | <u>70.2</u> | <u>70.4</u> | <u>70.2</u> | <u>69.9</u> | | |
| Gal. | <u>1</u> | <u>3</u> | <u>5</u> | <u>7</u> | <u>9</u> | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | | | |
|---|-------------|-----------------------|--------------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | <u>2.72</u> | Total Well Depth(ft.) | <u>14.93</u> |

FIELD DATA - GROUNDWATER SAMPLING PROGRAM

| | | | |
|------------|--------|----------|----------|
| Site: | # 054 | Date: | 12-09-04 |
| Address: | | | |
| Personnel: | SERBAL | Weather: | CLOUDY |
| Well No: | RS-11 | Equip: | BAILER |

| | | | |
|-------------------------|-------|--------------------|----|
| Before Purging: | | | |
| Total Well Depth: (ft.) | 24.70 | Well Diameter | 24 |
| Depth to Water (ft) | 6.34 | Est. Purge Volume: | 12 |

| Sampling Data: | | | | | | | |
|--------------------|------|------|------|------------------|------|--|--|
| Initial Turbidity: | | | | Final Turbidity: | | | |
| Time | 8:47 | 8:50 | 8:53 | 8:56 | 9:00 | | |
| EC | 1740 | 1740 | 1720 | 1730 | 1740 | | |
| pH | 6.86 | 6.11 | 5.98 | 5.92 | 5.91 | | |
| Temp | 71.2 | 69.4 | 70.3 | 70.4 | 70.3 | | |
| Gal. | 2 | 4 | 7 | 9 | 12 | | |
| | | | | | | | |
| Time | | | | | | | |
| EC | | | | | | | |
| pH | | | | | | | |
| Temp | | | | | | | |
| Gal. | | | | | | | |

| | | | |
|---|------|-----------------------|-------|
| After Purging/Before Sample Collection | | | |
| Depth to Water (ft.) | 8.11 | Total Well Depth(ft). | 24.70 |

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 141821
REPORTED 12/23/2004
RECEIVED 12/13/2004

PROJECT Station #054
2504 Castro Valley Blvd., Castro Valley

SUBMITTER Client

COMMENTS Global ID: T0600101363

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> |
|------------------|-------------------------------------|
| 580584 | TOC #054 PW-1 |
| 580585 | TOC #054 RE-2 |
| 580586 | TOC #054 RE-3 |
| 580587 | TOC #054 RE-4 |
| 580588 | TOC #054 RE-7 |
| 580589 | TOC #054 RS-11 |
| 580590 | TOC #054 RE-6 |
| 580591 | TOC #054 RE-9 |
| 580592 | TOC #054 T. blank |
| 580593 | 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. Behare, Ph.D.
Vice President

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

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 580584

Client Sample ID: TOC #054 PW-1

Matrix: WATER

Date Sampled: 12/08/2004 Time Sampled: 13:10

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|--------------------------|--------|----|-----|--------------|-------|-----------------------|
| 8021B BTEX + MTBE | | | | | | |
| Benzene | ND | 1 | 0.3 | 0.14 | ug/L | 12/15/04 LZ |
| Ethyl benzene | ND | 1 | 0.3 | 0.18 | ug/L | 12/15/04 LZ |
| Methyl t - butyl ether | ND | 1 | 5 | 0.22 | ug/L | 12/15/04 LZ |
| Toluene | 1.3 | 1 | 0.3 | 0.16 | ug/L | 12/15/04 LZ |
| Xylene (total) | ND | 1 | 0.6 | 0.45 | ug/L | 12/15/04 LZ |
| Surrogates | | | | Units | | Control Limits |
| a,a,a-Trifluorotoluene | 84 | | | | % | 70 - 130 |
| 8015M - Gasoline | | | | | | |
| Gasoline | ND | 1 | 50 | 15 | ug/L | 12/15/04 LZ |
| Surrogates | | | | Units | | Control Limits |
| a,a,a-Trifluorotoluene | 84 | | | | % | 55 - 200 |

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



Order #: 580585

Client Sample ID: TOC #054 RE-2

Matrix: WATER

Date Sampled: 12/08/2004 Time Sampled: 13:15

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

8021B BTEX + MTBE

| | | | | | | |
|------------------------|-------|-----|--------|------|------|-------------|
| Benzene | 1960 | 200 | 60.0 | 0.14 | ug/L | 12/15/04 LZ |
| Ethyl benzene | 4660 | 200 | 60.0 | 0.18 | ug/L | 12/15/04 LZ |
| Methyl t - butyl ether | 10700 | 200 | 1000.0 | 0.22 | ug/L | 12/15/04 LZ |
| Toluene | 26900 | 500 | 150.0 | 0.16 | ug/L | 12/15/04 LZ |
| Xylene (total) | 23200 | 500 | 300.0 | 0.45 | ug/L | 12/15/04 LZ |

Surrogates

| | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 93 | | | % | 70 - 130 |

8260B BTEX/MTBE Only

| | | | | | | |
|-------------------------------|-------|-----|-------|------|------|-------------|
| Methyl-tert-butylether (MTBE) | 13000 | 250 | 250.0 | 0.18 | ug/L | 12/21/04 LB |
|-------------------------------|-------|-----|-------|------|------|-------------|

8015M - Gasoline

| | | | | | | |
|----------|--------|-----|---------|----|------|-------------|
| Gasoline | 194000 | 200 | 10000.0 | 15 | ug/L | 12/15/04 LZ |
|----------|--------|-----|---------|----|------|-------------|

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 #: 580586

Client Sample ID: TOC #054 RE-3

Matrix: WATER

Date Sampled: 12/08/2004 Time Sampled: 13:50

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------|--------|----|------|--------------|-------|-----------------------|
| 8021B BTEX + MTBE | | | | | | |
| Benzene | 1.3 | 1 | 0.3 | 0.14 | ug/L | 12/15/04 LZ |
| Ethyl benzene | 1.7 | 1 | 0.3 | 0.18 | ug/L | 12/15/04 LZ |
| Methyl t - butyl ether | 72 | 5 | 25.0 | 0.22 | ug/L | 12/15/04 LZ |
| Toluene | 3.9 | 1 | 0.3 | 0.16 | ug/L | 12/15/04 LZ |
| Xylene (total) | 2.6 | 1 | 0.6 | 0.45 | ug/L | 12/15/04 LZ |
| Surrogates | | | | Units | | Control Limits |
| a,a,a-Trifluorotoluene | 79 | | | % | | 70 - 130 |
| 8260B BTEX/MTBE Only | | | | | | |
| Methyl-tert-butylether (MTBE) | 80 | 1 | 1 | 0.18 | ug/L | 12/21/04 LB |
| 8015M - Gasoline | | | | | | |
| Gasoline | 233 | 1 | 50 | 15 | ug/L | 12/15/04 :Z |
| Surrogates | | | | Units | | Control Limits |
| a,a,a-Trifluorotoluene | 118 | | | % | | 55 - 200 |

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



Order #: 580587

Client Sample ID: TOC #054 RE-4

Matrix: WATER

Date Sampled: 12/08/2004 Time Sampled: 14:20

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------|--------|------|---------|--------------|-------|-----------------------|
| 8021B BTEX + MTBE | | | | | | |
| Benzene | 4680 | 500 | 150.0 | 0.14 | ug/L | 12/15/04 LZ |
| Ethyl benzene | 4850 | 500 | 150.0 | 0.18 | ug/L | 12/15/04 LZ |
| Methyl t - butyl ether | 54800 | 2000 | 10000.0 | 0.22 | ug/L | 12/15/04 LZ |
| Toluene | 44900 | 500 | 150.0 | 0.16 | ug/L | 12/15/04 LZ |
| Xylene (total) | 29000 | 500 | 300.0 | 0.45 | ug/L | 12/15/04 LZ |
| Surrogates | | | | Units | | Control Limits |
| a,a,a-Trifluorotoluene | 76 | | | % | | 70 - 130 |
| 8260B BTEX/MTBE Only | | | | | | |
| Methyl-tert-butylether (MTBE) | 43400 | 500 | 500.0 | 0.18 | ug/L | 12/21/04 LB |
| 8015M - Gasoline | | | | | | |
| Gasoline | 278000 | 500 | 25000.0 | 15 | ug/L | 12/15/04 LZ |
| Surrogates | | | | Units | | Control Limits |
| a,a,a-Trifluorotoluene | 98 | | | % | | 55 - 200 |

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



Order #: 580588

Client Sample ID: TOC #054 RE-7

Matrix: WATER

Date Sampled: 12/08/2004 Time Sampled: 15:10

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------|--------|------|---------|--------------|-------|-----------------------|
| 8021B BTEX + MTBE | | | | | | |
| Benzene | 4380 | 100 | 30.0 | 0.14 | ug/L | 12/15/04 LZ |
| Ethyl benzene | 5370 | 100 | 30.0 | 0.18 | ug/L | 12/15/04 LZ |
| Methyl t - butyl ether | 59600 | 2000 | 10000.0 | 0.22 | ug/L | 12/15/04 LZ |
| Toluene | 34800 | 2000 | 600.0 | 0.16 | ug/L | 12/15/04 LZ |
| Xylene (total) | 25000 | 2000 | 1200.0 | 0.45 | ug/L | 12/15/04 LZ |
| Surrogates | | | | Units | | Control Limits |
| a,a,a-Trifluorotoluene | 79 | | | % | | 70 - 130 |
| 8260B BTEX/MTBE Only | | | | | | |
| Methyl-tert-butylether (MTBE) | 70500 | 500 | 500.0 | 0.18 | ug/L | 12/21/04 LB |
| 8015M - Gasoline | | | | | | |
| Gasoline | 276000 | 100 | 5000.0 | 15 | ug/L | 12/15/04 LZ |
| Surrogates | | | | Units | | Control Limits |
| a,a,a-Trifluorotoluene | 132 | | | % | | 55 - 200 |

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



Order #: 580589

Client Sample ID: TOC #054 RS-11

Matrix: WATER

Date Sampled: 12/09/2004 Time Sampled: 11:10

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

8021B BTEX + MTBE

| | | | | | | |
|------------------------|-----|---|-----|------|------|-------------|
| Benzene | 1.2 | 1 | 0.3 | 0.14 | ug/L | 12/15/04 LZ |
| Ethyl benzene | ND | 1 | 0.3 | 0.18 | ug/L | 12/15/04 LZ |
| Methyl t - butyl ether | 22 | 1 | 5 | 0.22 | ug/L | 12/15/04 LZ |
| Toluene | 1.3 | 1 | 0.3 | 0.16 | ug/L | 12/15/04 LZ |
| Xylene (total) | ND | 1 | 0.6 | 0.45 | ug/L | 12/15/04 LZ |

Surrogates

| | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 78 | | | % | 70 - 130 |

8260B BTEX/MTBE Only

| | | | | | | |
|-------------------------------|----|---|---|------|------|-------------|
| Methyl-tert-butylether (MTBE) | ND | 1 | 1 | 0.18 | ug/L | 12/21/04 LB |
|-------------------------------|----|---|---|------|------|-------------|

8015M - Gasoline

| | | | | | | |
|----------|----|---|----|----|------|-------------|
| Gasoline | ND | 1 | 50 | 15 | ug/L | 12/15/04 LZ |
|----------|----|---|----|----|------|-------------|

Surrogates

| | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 78 | | | % | 55 - 200 |

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



Order #: . 580590

Client Sample ID: TOC #054 RE-6

Matrix: WATER

Date Sampled: 12/09/2004 Time Sampled: 11:50

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------------|--------|------|--------|--------------|-------|-----------------------|
| 8021B BTEX + MTBE | | | | | | |
| Benzene | 1620 | 100 | 30.0 | 0.14 | ug/L | 12/14/04 LZ |
| Ethyl benzene | 9470 | 1000 | 300.0 | 0.18 | ug/L | 12/14/04 LZ |
| Methyl t - butyl ether | 6660 | 1000 | 5000.0 | 0.22 | ug/L | 12/14/04 LZ |
| Toluene | 38500 | 1000 | 300.0 | 0.16 | ug/L | 12/14/04 LZ |
| Xylene (total) | 56000 | 1000 | 600.0 | 0.45 | ug/L | 12/14/04 LZ |
| Surrogates | | | | Units | | Control Limits |
| a,a,a-Trifluorotoluene | 79 | | | % | | 70 - 130 |
| 8260B BTEX/MTBE Only | | | | | | |
| Methyl-tert-butylether (MTBE) | 8870 | 500 | 500.0 | 0.18 | ug/L | 12/22/04 LB |
| 8015M - Gasoline | | | | | | |
| Gasoline | 297000 | 100 | 5000.0 | 15 | ug/L | 12/14/04 LZ |
| Surrogates | | | | Units | | Control Limits |
| a,a,a-Trifluorotoluene | 122 | | | % | | 55 - 200 |

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



Order #: 580591**Client Sample ID:** TOC #054 RE-9**Matrix:** WATER**Date Sampled:** 12/09/2004 **Time Sampled:** 12:05

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

8021B BTEX + MTBE

| | | | | | | |
|------------------------|------|---|-----|------|------|-------------|
| Benzene | 1.2 | 1 | 0.3 | 0.14 | ug/L | 12/15/04 LZ |
| Ethyl benzene | ND | 1 | 0.3 | 0.18 | ug/L | 12/15/04 LZ |
| Methyl t - butyl ether | ND | 1 | 5 | 0.22 | ug/L | 12/15/04 LZ |
| Toluene | 2.1 | 1 | 0.3 | 0.16 | ug/L | 12/15/04 LZ |
| Xylene (total) | 0.99 | 1 | 0.6 | 0.45 | ug/L | 12/15/04 LZ |

Surrogates

| | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 71 | | | % | 70 - 130 |

8015M - Gasoline

| | | | | | | |
|----------|----|---|----|----|------|-------------|
| Gasoline | ND | 1 | 50 | 15 | ug/L | 12/15/04 LZ |
|----------|----|---|----|----|------|-------------|

Surrogates

| | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 71 | | | % | 55 - 200 |

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



Order #: 580592

Client Sample ID: TOC #054 T. blank

Matrix: WATER

Date Sampled: 12/08/2004

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|-------------------------|--------|----|-----|------|--------------|-----------------------|
| 8021B BTEX | | | | | | |
| Benzene | ND | 1 | 0.3 | 0.14 | ug/L | 12/15/04 LZ |
| Ethyl benzene | ND | 1 | 0.3 | 0.18 | ug/L | 12/15/04 LZ |
| Toluene | ND | 1 | 0.3 | 0.16 | ug/L | 12/15/04 LZ |
| Xylene (total) | ND | 1 | 0.6 | 0.45 | ug/L | 12/15/04 LZ |
| Surrogates | | | | | Units | Control Limits |
| Trifluorotoluene (sur) | 81 | | | | % | 55 - 155 |
| 8015M - Gasoline | | | | | | |
| Gasoline | ND | 1 | 50 | 15 | ug/L | 12/15/04 LZ |
| 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 #: 580593

Client Sample ID: Laboratory Method Blank

Matrix: WATER

| Analyte | Result | DF | PQL | MDL | Units | Date/Analyst |
|--------------------------|--------|----|-----|------|-------|--------------|
| 8021B BTEX + MTBE | | | | | | |
| Benzene | ND | 1 | 0.3 | 0.14 | ug/L | 12/14/04 LZ |
| Ethyl benzene | ND | 1 | 0.3 | 0.18 | ug/L | 12/14/04 LZ |
| Methyl t - butyl ether | ND | 1 | 5 | 0.22 | ug/L | 12/14/04 LZ |
| Toluene | ND | 1 | 0.3 | 0.16 | ug/L | 12/14/04 LZ |
| Xylene (total) | ND | 1 | 0.6 | 0.45 | ug/L | 12/14/04 LZ |

| Surrogates | | | | Units | Control Limits |
|------------------------|----|--|--|-------|----------------|
| a,a,a-Trifluorotoluene | 81 | | | % | 70 - 130 |

8015M - Gasoline

| | | | | | | |
|----------|----|---|----|----|------|-------------|
| Gasoline | ND | 1 | 50 | 15 | ug/L | 12/14/04 LZ |
|----------|----|---|----|----|------|-------------|

| 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



**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: LCS/LCSD
 Matrix: WATER
 Prep. Date: December 14, 2004
 Analysis Date: December 14 - 15, 2004
 ID#'s in Batch: LR 141716, 141726, 141894, 141784, 141821, 141896

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 | 509 | 528 | 102 | 106 | 4 |

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 | 81 |
| LCS | 162 |
| LCSD | 151 |

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES
QA REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: MS / MSD - Water Samples 142152-030

Analysis Date: December 22, 2004 10:56 AM

Applies to: LR 141821, 141948, 142152

Reporting Units = ug/L

Matrix Spike / Matrix Spike Duplicate

| Test | Sample Result | Spike Added | Matrix Spike | Matrix Spk Dup. | %Rec MS | %Rec MSD | RPD | QC Limits | |
|--------------------|---------------|-------------|--------------|-----------------|---------|----------|-----|-----------|--------|
| | | | | | | | | RPD | %REC |
| 1,1-Dichloroethene | ND | 50 | 44.60 | 44.19 | 89 | 88 | 1 | 22 | 59-172 |
| MTBE | ND | 50 | 39.26 | 38.15 | 79 | 76 | 3 | 24 | 62-137 |
| Benzene | ND | 50 | 50.80 | 49.74 | 102 | 99 | 2 | 24 | 62-137 |
| Trichloroethene | ND | 50 | 49.55 | 45.20 | 99 | 90 | 9 | 21 | 66-142 |
| Toluene | ND | 50 | 50.68 | 45.73 | 101 | 91 | 10 | 21 | 59-139 |
| Chlorobenzene | ND | 50 | 49.05 | 44.42 | 98 | 89 | 10 | 21 | 60-133 |

QC Sample: LCS/LCSD 2:33 PM

Analysis Date: December 20, 2004

Lab Controlled Spike / Lab Controlled Spike Duplicate

| Test | Sample Result | Spike Added | LCS Spike | LCS Spk Dup. | %Rec LCS | %Rec LCS D | RPD | QC Limits | |
|--------------------|---------------|-------------|-----------|--------------|----------|------------|-----|-----------|--------|
| | | | | | | | | RPD | %REC |
| 1,1-Dichloroethene | ND | 50 | 59.49 | 61.23 | 119 | 122 | 3 | 22 | 59-172 |
| MTBE | ND | 50 | 50.05 | 52.90 | 100 | 106 | 6 | 24 | 62-137 |
| Benzene | ND | 50 | 63.83 | 64.63 | 128 | 129 | 1 | 24 | 62-137 |
| Trichloroethene | ND | 50 | 64.69 | 64.68 | 129 | 129 | 0 | 21 | 66-142 |
| Toluene | ND | 50 | 65.17 | 63.95 | 130 | 128 | 2 | 21 | 59-139 |
| Chlorobenzene | ND | 50 | 62.03 | 62.23 | 124 | 124 | 0 | 21 | 60-133 |

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

| Compound | MB 1 | MB 2 | MS | MSD | LCS | LCSD |
|----------|------|------|-----|-----|-----|------|
| DBFM | 99 | 99 | 104 | 106 | 106 | 101 |
| 1,2-DCA | 102 | 102 | 103 | 106 | 104 | 92 |
| Tol-d8 | 101 | 102 | 105 | 102 | 103 | 100 |
| p-BFB | 110 | 109 | 105 | 97 | 98 | 105 |

ASSOCIATED LABORATORIES
QA REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: MS / MSD - Water Samples 142230-318

Analysis Date: December 23, 2004 12:19 AM

Applies to: LR 142152, 142317, 141821, 142230

Reporting Units = ug/L

Matrix Spike / Matrix Spike Duplicate

| Test | Sample Result | Spike Added | Matrix Spike | Matrix Spk Dup. | %Rec MS | %Rec MSD | RPD | QC Limits | |
|--------------------|---------------|-------------|--------------|-----------------|---------|----------|-----|-----------|--------|
| | | | | | | | | RPD | %REC |
| 1,1-Dichloroethene | ND | 50 | 42.66 | 44.36 | 85 | 89 | 4 | 22 | 59-172 |
| MTBE | ND | 50 | 39.82 | 42.63 | 80 | 85 | 7 | 24 | 62-137 |
| Benzene | ND | 50 | 48.29 | 50.13 | 97 | 100 | 4 | 24 | 62-137 |
| Trichloroethene | ND | 50 | 46.38 | 46.03 | 93 | 92 | 1 | 21 | 66-142 |
| Toluene | ND | 50 | 49.66 | 49.13 | 99 | 98 | 1 | 21 | 59-139 |
| Chlorobenzene | ND | 50 | 48.49 | 47.77 | 97 | 96 | 1 | 21 | 60-133 |

QC Sample: LCS/LCSD 12:30 PM

Analysis Date: December 22, 2004

Lab Controlled Spike / Lab Controlled Spike Duplicate

| Test | Sample Result | Spike Added | LCS Spike | LCS Spk Dup. | %Rec LCS | %Rec LCS D | RPD | QC Limits | |
|--------------------|---------------|-------------|-----------|--------------|----------|------------|-----|-----------|--------|
| | | | | | | | | RPD | %REC |
| 1,1-Dichloroethene | ND | 50 | 44.29 | 45.36 | 89 | 91 | 2 | 22 | 59-172 |
| MTBE | ND | 50 | 40.16 | 43.29 | 80 | 87 | 8 | 24 | 62-137 |
| Benzene | ND | 50 | 49.85 | 50.80 | 100 | 102 | 2 | 24 | 62-137 |
| Trichloroethene | ND | 50 | 47.86 | 47.72 | 96 | 95 | 0 | 21 | 66-142 |
| Toluene | ND | 50 | 49.44 | 48.37 | 99 | 97 | 2 | 21 | 59-139 |
| Chlorobenzene | ND | 50 | 49.20 | 45.67 | 98 | 91 | 7 | 21 | 60-133 |

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

| Compound | MB 1 | MB 2 | MS | MSD | LCS | LCSD |
|----------|------|------|-----|-----|-----|------|
| DBFM | 101 | 98 | 101 | 102 | 99 | 100 |
| 1,2-DCA | 102 | 110 | 103 | 106 | 100 | 94 |
| Tol-d8 | 100 | 105 | 102 | 103 | 103 | 104 |
| p-BFB | 103 | 107 | 103 | 102 | 106 | 113 |

**ASSOCIATED LABORATORIES
LCS REPORT FORM**

QC Sample: LCS/LCSD
 Matrix: WATER
 Prep. Date: December 14, 2004
 Analysis Date: December 14 - 15, 2004
 LAB ID#'s in Batch: LR 141896, 141894, 141821, 141784

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 | 20.6 | 17.8 | 103 | 89 | 15 |
| Toluene | 8021 | ND | 20 | 20.4 | 17.8 | 102 | 89 | 14 |
| Ethylbenzene | 8021 | ND | 20 | 21.0 | 18.3 | 105 | 92 | 14 |
| Xylenes | 8021 | ND | 60 | 59.9 | 52.4 | 100 | 87 | 13 |

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 | 81 |
| LCS | 102 |
| LCSD | 93 |

AAA-TFT = a,a,a-Trifluorotoluene



Chain of Custody Record

141801

| | | |
|--|-----------------------------|----------------------------|
| Company THRIFTY OIL CO. | Phone (562) 921-3581 | A.L. Job No. 141801 |
| Project Manager JEFF SURYAKUSUMA | Fax (562) 921-7510 | Page <u>1</u> of <u>1</u> |
| Project Name Q.W.S. | Project # | Analysis Requested |
| Site Name and Address 2504 CASTRO VALLEY BLVD. # 054 CASTRO VALLEY, CA. 94546 | | |

| Sample ID | Lab ID | Date | Time | Matrix | Container Number/Size | Pres. | TPH-G (8015M) | BTX (8021B) | MTBE (8021B) | Test Instructions & Comments |
|------------|--------|----------|-------|------------------|-----------------------|-------|---------------|-------------|--------------|---|
| 1 PW-1 | | 12-08-04 | 13:10 | H ₂ O | 3-VOA | HCL | X | X | X | TO60010/363 CONFIRM ANY MTBE BY EPA 8260B <u>z</u> |
| 2 RE-2 | | | 13:15 | ↑ | | | X | X | X | |
| 3 RE-3 | | | 13:50 | | | | X | X | X | |
| 4 RE-4 | | | 14:20 | | | | X | X | X | |
| 5 RE-7 | | | 15:10 | | | | X | X | X | |
| 6 RS-11 | | 12-09-04 | 11:10 | | | | X | X | X | |
| 7 RE-6 | | | 11:50 | | | | X | X | X | |
| 8 RE-9 | | | 12:05 | ↓ | | | X | X | X | |
| 9 T. BLANK | | 12-08-04 | 00:00 | H ₂ O | 2-VOA | | X | X | | |

| | | | | | | |
|---|--|--|-------|--|---|--|
| Sample Receipt - To Be Filled By Laboratory | | | | Relinquished by Sampler: E.M.C. 1. | Relinquished by GOLDEN STATE OVERNIGHT | Relinquished by 3. |
| Total Number of Containers 26 | Properly Cooled <input checked="" type="checkbox"/> Y / N / NA | Signature: <i>[Signature]</i> | | Signature: OVERNIGHT | Signature: | |
| Custody Seals Y / N <input checked="" type="checkbox"/> NA | Samples Intact <input checked="" type="checkbox"/> Y / N / NA | Printed Name: SHERMAN POPKOW | | Printed Name: | Printed Name: | |
| Received in Good Condition <input checked="" type="checkbox"/> Y / N | Samples Accepted <input checked="" type="checkbox"/> Y / N | Date: 12-04-04 Time: 17:00 | Date: | Time: | Date: | Time: |
| Turn Around Time | | | | Received By: GOLDEN STATE OVERNIGHT | Received By: John 2. | Received By: 3. |
| <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 72 hrs. | | | | Signature: OVERNIGHT | Signature: <i>[Signature]</i> | Signature: |
| | | | | Printed Name: | Printed Name: Jeffrey Montoya | Printed Name: |
| | | | | Date: | Date: 12/13/04 Time: 9:30 | Date: 12-17-04 Time: 11:20 |